

O&MI FLUJO ENERGÍA LIMITADA: IFE CRDEN 20190320-COLBUN-NH II DIESEL-CEN

**COORDINADOR ELECTRICO NACIONAL
UNIDAD GENERADORA
CENTRAL NEHUENCO II**

INFORME PRUEBA DE CONSUMO ESPECÍFICO c/ DIESEL



O&MI *Flujo Energía Limitada*

CONTRATO PRESTACION DE SERVICIOS DE PRUEBAS DE CONSUMO ESPECÍFICO					DOCUMENTO N° IFE CRDEN 20190320- COLBUN – NH II DIESEL– CEN	
APROBADO	COORDINADOR ELÉCTRICO NACIONAL				Revisión N°	1
REVISADO	COLBÚN S.A.				FINAL	
EMITIDO	FLUJO ENERGÍA LTDA.	J VALDIVIA				
FECHA DE EMISIÓN		01/05/2021				



HISTORIAL DE REVISIONES

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0.0	05/04/2021	Primera Emisión	Aprobado	
			Revisado	
			Emisor	J. Valdivia D.
1.0	01/05/2021	Se corrigen valor del PCS y cálculo de consumo específico.	Aprobado	
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			Emisor	J. Valdivia D.
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			Emisor	

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Capítulo 1 Generalidades

La Unidad Generadora Nehuenco II está diseñada para generar con combustible líquido Diesel una potencia bruta de 399.500 kW ($TG=260.800kW + TV=138.700kW$) en los terminales de los generadores descontada la potencia de excitación.

Este documento describe los resultados de la Prueba de Determinación de Consumo Específico de la Unidad Generadora Nehuenco II, utilizando Diesel como combustible. La prueba de consumo específico se llevó a cabo de acuerdo con el protocolo PPFE – CRDEN 20190320-COLBUN – NH II– CEN.

La responsabilidad de la prueba como experto técnico estuvo a cargo del ingeniero de Flujo Energía señor Jorge Valdivia Dames.

Conforme a lo establecido en el artículo 5 del Anexo Técnico “Determinación de Consumos Específicos de Unidades Generadoras”, el Coordinador elabora anualmente, el programa de pruebas de CEN que se realizan durante el siguiente año. El programa incluye las unidades generadoras que, al 1 de diciembre del año respectivo, se encuentren en cualquiera de las situaciones definidas en dicho artículo.

En este contexto, Colbún S.A. realizó la prueba de Determinación de Consumos Específicos de la Unidad Generadora Central Nehuenco II, según lo estipulado en el Programa Anual de Pruebas de Consumo Específico Neto del año 2019.



Capítulo 2 Resumen Ejecutivo

Objetivo de la Prueba

La Prueba de Determinación de Consumo Específico tiene como objetivo determinar el valor del consumo Específico Neto de la Central Nehuenco II, parámetro que debe ser informado al Coordinador Eléctrico Nacional conforme a lo señalado en el artículo 6-13 de la NTSyCS.

En virtud de los resultados que se obtengan del desarrollo de las Pruebas de Consumo Específico, conforme al alcance definido en el Anexo Técnico, se establecerán los valores del parámetro de Consumo Específico para cada una de las configuraciones de Central Nehuenco II.

Cronograma de la Prueba

La prueba se llevó a cabo con la cronología que se indica en la siguiente tabla:

Tabla 2-1 CRONOGRAMA DE LA PRUEBA

CONFIGURACIÓN CICLO COMBINADO	FECHA	HORARIO
COMBUSTIBLE DIESEL		
ESCALÓN 395 MW	02-02-2021	07:30 – 08:30
ESCALÓN 360 MW	02-02-2021	09:00 – 10:00
ESCALÓN 325 MW	02-02-2021	10:30 – 11:30
ESCALÓN 290 MW	02-02-2021	12:00 – 13:00
ESCALÓN 255 MW	02-02-2021	15:30 – 16:00
ESCALÓN 225 MW	02-02-2021	16:30 – 17:30
ESCALÓN 195 MW	02-02-2021	18:00 – 19:00

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Resumen de los Resultados de la Prueba

Un resumen de los resultados de la prueba se presenta en la siguiente tabla:

Tabla 2-2 POTENCIA NETA Y CONSUMO ESPECÍFICO

CONFIGURACIÓN	CICLO COMBINADO	POTENCIA NETA kW			CONSUMO ESPECÍFICO kcal/kWh			EMISIONES
		MEDIDO	CORREGIDO	INCERTIDUMBRE < 0.25%	MEDIDO	CORREGIDO	INCERTIDUMBRE < 1,25%	NOX mg/Nm ³
COMBUSTIBLE DIESEL								LÍMITE 200 [mg/Nm ³]
Escalón 395 kW	DIESEL	388.739	394.003	± 0,0531%	1.788	1.788	± 0,1320%	71,21
Escalón 360 kW	DIESEL	353.942	358.811	± 0,0575%	1.795	1.796	± 0,1743%	87,65
Escalón 325 kW	DIESEL	317.746	322.974	± 0,0603%	1.811	1.810	± 0,2062%	89,68
Escalón 290 kW	DIESEL	283.501	289.957	± 0,0622%	1.823	1.820	± 0,2020%	80,49
Escalón 255 kW	DIESEL	249.176	258.172	± 0,0698%	1.872	1.870	± 0,1837%	87,00
Escalón 225 kW	DIESEL	218.947	226.710	± 0,0646%	1.929	1.927	± 0,1854%	82,74
Escalón 195 kW	DIESEL	188.754	194.531	± 0,0605%	2.028	2.027	± 0,1685%	50,55

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Tabla 2-3 POTENCIA BRUTA

ESCALÓN	395	360	325	290	255	225	195
POTENCIA BRUTA CICLO COMBINADO MEDIDA [kW]	396.731	361.862	325.076	290.623	255.794	225.195	194.757
POTENCIA BRUTA CICLO COMBINADO CALCULADA [kW]	396.192	361.292	324.543	290.623	255.419	224.812	194.425
POTENCIA BRUTA CORREGIDA [kW]	401.456	366.161	329.771	296.602	264.416	232.575	200.202
INCERTIDUMBRE	±0,0190%	±0,0201%	±0,0231%	±0,0226%	±0,0751%	±0,0686%	±0,0642%

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Capítulo 3 Cálculos de la Prueba

Introducción

La evaluación del consumo específico neto de la planta de ciclo combinado está basada en los datos de la prueba de Determinación de Consumo Específico, corregida a las condiciones de garantía y medida en condiciones de estado estable.

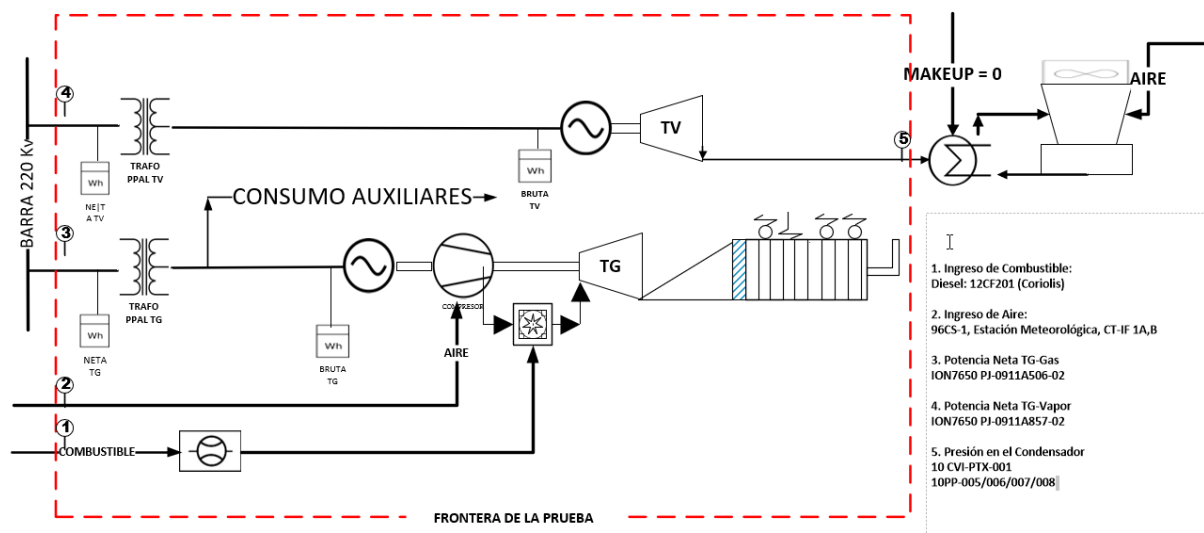
La prueba de consumo específico se llevó a cabo en la condición de estado estable como se definió en el protocolo de prueba.

El sistema de control se ajustó en Carga Preseleccionada para fijar la potencia de la máquina al valor definido según cada escalón de la prueba.

Durante la prueba, los sistemas funcionaron en automático, sin señales forzadas y sin alarmas operadas.

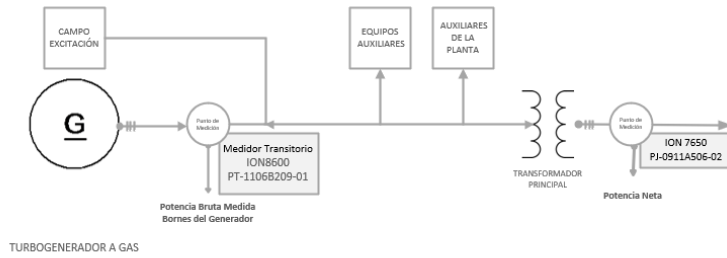
La frontera de la prueba identifica los flujos de energía que deben ser medidos para calcular el resultado corregido. En el caso de la Unidad Generadora Nehuenco II, los límites son los indicados en la figura siguiente.

Figura 3-1 Fronteras de la Prueba de Consumo Específico Nehuenco II Diesel

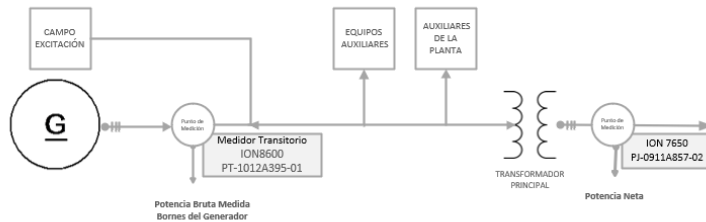


La “potencia bruta medida” se tomó en bornes de ambos generadores por medio de medidores instalados transitoriamente para la ocasión y que cumplen con la clase 0,2 exigida. Para la TG se utilizó el medidor ION8600 PT – 1106B209-01 y para la TV el medidor ION8600 PT-1012A395-01. Sin embargo, dado que la potencia de excitación se toma aguas abajo del medidor de potencia bruta, se calcula la “potencia bruta calculada” descontando la potencia de excitación desde la “potencia bruta medida”.

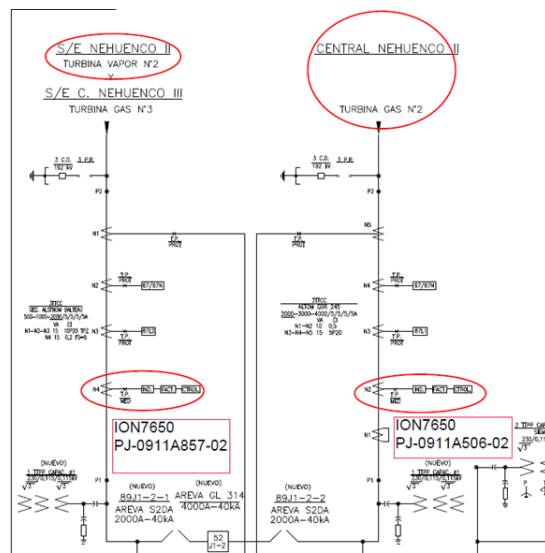
Figura 3-2 FLUJO DE SALIDA ELÉCTRICA DE LOS GENERADORES



TURBOGENERADOR A VAPOR



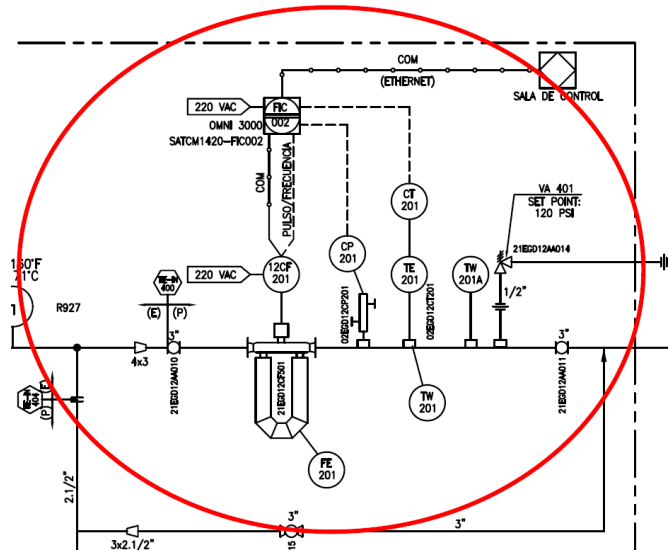
La potencia neta se midió en los medidores de facturación clase 0,2 instalados en la S/E San Luis, aguas abajo de los transformadores elevadores. Para la TG se utilizó el medidor ION7650 PJ– 0911A506-02 y para la TV el medidor ION7650 PT – 0607A226-01.



Punto de Medición de la Potencia Neta S/E San Luis

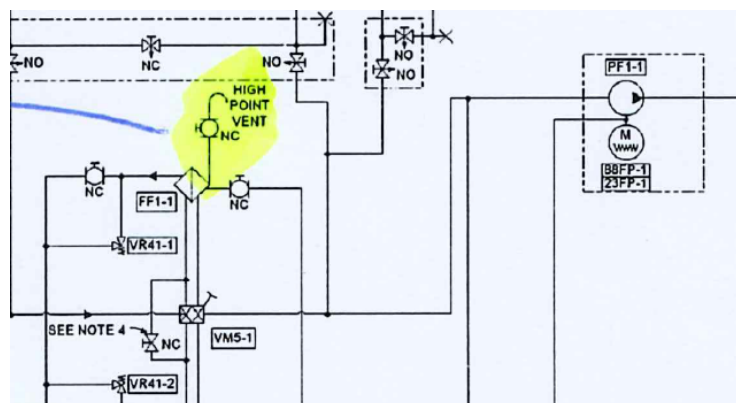
Los datos del flujo de Diesel se tomaron en Sala de Control desde la información proveniente del transmisor de flujo 12CF 201, conectado al medidor Coriolis 21EGD12CF501 (ver diagrama SATCM-1420-DWG-PR-106_1 1408-P NH2.pdf en el Anexo A-5).

Figura 3-3 Medidor de Combustible Coriolis 21EGD12CF501



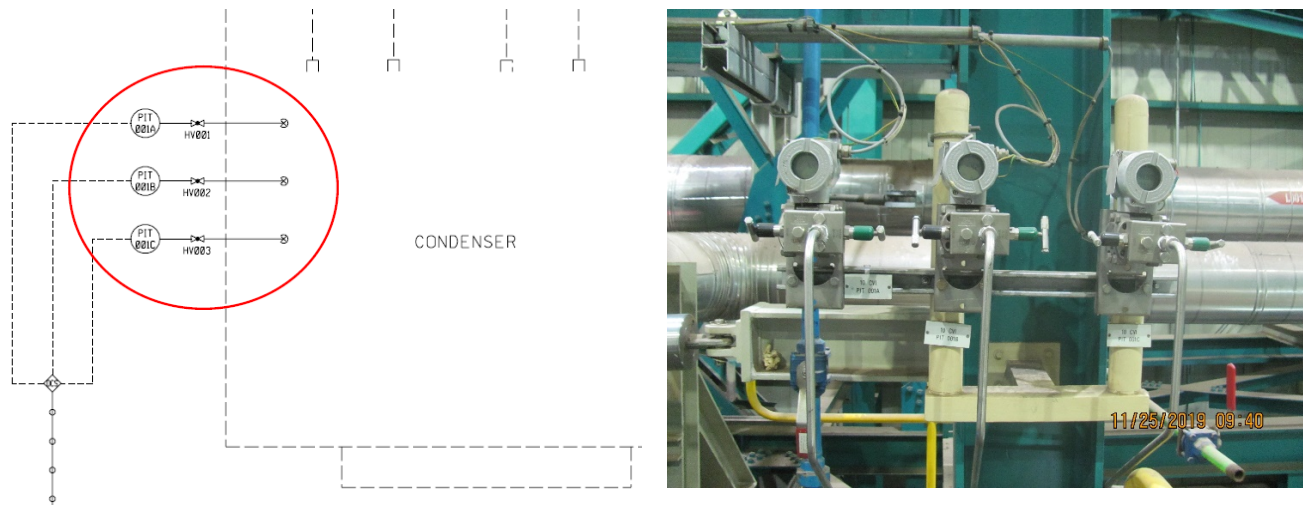
Las muestras de combustible se tomaron desde la línea de venteo del filtro FF1-1 ubicado antes de la bomba de alta presión PF1-1 (ver diagrama PID 133E3923 ²/₃ del sistema MLI 424.

Figura 3-4 Punto de Muestreo de Diesel



La presión en el condensador se midió con los transmisores de presión PIT 001A, PIT 001B y PIT 001C.

Figura 3-5 Ubicación Transmisores de Presión del Condensador



Los datos meteorológicos se tomaron desde la estación meteorológica de la Planta.

Normas Aplicadas

Para el desarrollo de la prueba se aplicaron las siguientes normas:

- ANEXO TÉCNICO: Determinación de Consumos Específicos en Unidades Generadoras,
- GUIA PARA EFECTUAR PRUEBAS DE ANEXOS TÉCNICOS CON “MONITOREO A DISTANCIA”
- ASME PTC – 46 Overall Plant Performance,
- ASME PTC – 6 Steam Turbines,
- ASME PTC – 22 Gas Turbines,
- ASME PTC – 4.4 Gas Turbine Heat Recovery Steam Generators,
- ASME PTC – 19.1 Test Uncertainty.



Condiciones de Garantía

Las condiciones de operación de garantía de la planta de ciclo-combinado fueron las siguientes:

Parámetro	Valor
Temperatura de Aire entrada al Compresor	15 °C
Presión barométrica	1003,877 mbar
Humedad Ambiente	70,0 %
Temperatura de Escape de la Turbina a Gas	612,22 °C
Velocidad de la Turbina a Gas	3.000 rpm
Caída de presión en la entrada	7,62 cm H ₂ O
Caída de presión en el escape	13,72 cm H ₂ O
Flujo de Escape de la TG	660,03 kg/s
Factor de Potencia del Generador	0,85
Combustible	Gas Natural



Cálculo de la Potencia

La Potencia Medida y Potencia Corregida para cada nivel de carga se calculó de acuerdo con la metodología explicada en el protocolo de prueba.

Tabla 3-1 Cálculo de la Potencia Corregida

ESCALÓN MW	395	360	325	290	255	225	195
POTENCIA BRUTA medida TURBINA A GAS [kW]	268.212	241.239	211.499	183.782	158.713	131.576	108.385
CORRIENTE EXCIT GEN EX2K [A]	1.201,40	1.224,56	1.180,66	1.113,88	983,96	992,89	918,81
VOLTAJE EXCIT GEN EX2K [V]	352,22	366,31	350,00	326,01	282,06	286,52	262,47
POTENCIA EXITACIÓN TG [kW]	434	460	424	372	285	292	247
POTENCIA BRUTA calculada TURBINA A GAS [kW]	267.778	240.779	211.075	183.410	158.429	131.284	108.138
POTENCIA BRUTA medida TURBINA A VAPOR [kW]	128.518	120.624	113.577	106.841	97.080	93.619	86.372
EXCITACION CORRIENTE [A]	830,09	850,98	845,52	824,94	764,53	767,37	737,96
EXCITACION VOLTAJE [V]	123,05	126,51	125,90	123,08	114,42	115,43	111,67
POTENCIA EXITACIÓN TV [kW]	105	110	109	104	90	91	85
POTENCIA BRUTA calculada TURBINA A VAPOR [kW]	128.414	120.513	113.467	106.736	96.990	93.528	86.287
POTENCIA BRUTA CICLO COMBINADO MEDIDA [kW]	396.731	361.862	325.076	290.623	255.794	225.195	194.757
POTENCIA BRUTA CICLO COMBINADO CALCULADA [kW]	396.192	361.292	324.543	290.146	255.419	224.812	194.425
ESCALÓN MW	395	360	325	290	255	225	195
POTENCIA NETA medida TURBINA A GAS [kW]	259.573	232.762	203.627	176.206	151.660	124.896	101.991
POTENCIA NETA medida TURBINA A VAPOR [kW]	129.166	121.181	114.119	107.295	97.516	94.051	86.763
POTENCIA NETA CICLO COMBINADO MEDIDA [kW]	388.739	353.942	317.746	283.501	249.176	218.947	188.754
POTENCIA BRUTA CORREGIDA [kW]	401.456	366.161	329.771	296.602	264.416	232.575	200.202
DIFERENCIA DEBIDA A LA CORRECCIÓN [kW]	5.264,28	4.868,90	5.228,07	6.455,71	8.996,77	7.762,92	5.776,69
POTENCIA NETA CORREGIDA [kW]	394.003	358.811	322.974	289.957	258.172	226.710	194.531

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Factores de Corrección de la Potencia

Tabla 3-2 Corrección de la Potencia por Factor de Potencia del Generador

TURBINA A GAS (Curva 378A3086)							
ESCALÓN MW	395	360	325	290	255	225	195
Potencia Bruta Medida kW	268.212	241.239	211.499	183.782	158.713	131.576	108.385
Pérdidas del generador a la potencia medida y al factor de potencia de referencia 0,95	2093	1915	1749	1598	1459	1332	1230
Factor de Potencia Medido	98,26	96,79	95,23	93,36	92,46	91,08	90,00
Pérdidas del generador a la potencia medida y el factor de potencia medido, para cada generador	2019	1873	1711	1579	1419	1290	1184
Factor de corrección de la potencia TG desde el factor de potencia medido al factor de potencia de referencia [kW]	74,48	42,38	37,24	19,01	39,79	42,12	46,48
TURBINA A VAPOR (Curva GME 1 030 218)							
ESCALÓN MW	395	360	325	290	255	225	195
Potencia Bruta Medida kW	128.518	120.624	113.577	106.841	97.080	93.619	86.372
Pérdidas del generador a la potencia medida y al factor de potencia de referencia (0,95) [kW]	1689	1640	1608	1573	1526	1512	1482
Factor de Potencia Medido	99,78	99,16	98,66	98,23	98,35	98,67	99,21
Pérdidas del generador a la potencia medida y el factor de potencia medido, para cada generador [kW]	1591	1581	1556	1531	1487	1471	1440
Factor de corrección de la potencia TV desde el factor de potencia medido al factor de potencia de referencia [kW]	98,55	58,69	51,93	42,25	38,85	40,65	42,28
Factor de Corrección de la Potencia por FP [kW]	173,03	101,06	89,17	61,26	78,64	82,77	88,76

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Tabla 3-3 Corrección de la Potencia por Presión en el Condensador (Curva 16Q-174)

ESCALÓN MW	395	360	325	290	255	225	195
Presión del Condensador Medida [psia]	0,884956664	0,8519265	0,8195197	0,7864896	0,7210526	0,7210526	0,7051148
Temperatura Ambiente Medida [°F]	63,0	63,1	63,9	66,0	70,6	70,5	69,2
Corrección de la potencia a la presión del condensador (Escape de la TV BP) medida y a la temperatura ambiente medida	-6,20	220	429	629	980	980	1046
Presión del Condensador Nominal [psia]	0,88	0,88	0,88	0,88	0,88	0,88	0,88
Temperatura Ambiente Nominal [°F]	59	59	59	59	59	59	59
Corrección de la potencia a la presión nominal del condensador (Escape de la TV BP) y a la temperatura ambiente nominal	28,34	28,34	28,34	28,34	28,34	28,34	28,34
Factor de corrección de la potencia por la Contra- Presión en el Condensador [kW]	-34,54	191,84	400,88	601,09	951,72	951,49	1017,96

Tabla 3-4 Corrección de la Potencia por Temperatura de Entrada al Compresor (Curva 16Q-158)

ESCALÓN MW	395	360	325	290	255	225	195
Temperatura Ambiente Medida [°F]	63,0	63,1	63,9	66,0	70,6	70,5	69,2
Corrección de la potencia a la temperatura ambiente medida	0,9890	0,9887	0,9863	0,9804	0,9675	0,9678	0,9713
Temperatura Ambiente Nominal [°F]	59	59	59	59	59	59	59
Corrección de la potencia a la temperatura ambiente nominal	1,0000	1,0000	1,0000	1,0000	1,0000	1,0000	1,0000
Factor de corrección de la Potencia por Temperatura de Entrada al Compresor	1,01110	1,01142	1,01390	1,01997	1,03357	1,03332	1,02950

Tabla 3-5 Corrección de la Potencia por la Humedad Relativa en la Entrada del Compresor (Curva 16Q-160, 16Q-162 y 16Q-164)

ESCALÓN MW	395	360	325	290	255	225	195
Humedad Relativa Medida [%]	73,86%	74,36%	71,34%	67,66%	56,58%	56,26%	58,53%
Temperatura Ambiente Medida [°F]	63,0	63,1	63,9	66,0	70,6	70,5	69,2
Corrección de la potencia a la temperatura ambiente medida y humedad relativa medida	0,9975405	0,9975383	0,9975183	0,9974715	0,9971074	0,9971127	0,9972554
Humedad Relativa Nominal [%]	70%	70%	70%	70%	70%	70%	70%
Temperatura Ambiente Nominal [°F]	59	59	59	59	59	59	59
Corrección de la potencia a la temperatura ambiente nominal y humedad relativa nominal	0,9974031	0,9974031	0,9974031	0,9974031	0,9974031	0,9974031	0,9974031
Factor de corrección de la Potencia por la Humedad Relativa en la Entrada del Compresor	0,9998623	0,9998645	0,9998845	0,9999314	1,0002966	1,0002913	1,0001481

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Tabla 3-6 Corrección de la Potencia por la Caída de Presión en la Entrada de la TG (Curva 16Q-168)

ESCALÓN MW	395	360	325	290	255	225	195
Caída de Presión Medida [in H ₂ O]	2,057073	1,940411	1,644369	1,365310	1,096222	1,043451	0,946524
Corrección de la potencia a la caída de presión medida	1,0027	1,0030	1,0038	1,0046	1,0054	1,0055	1,0058
Caída de Presión Nominal [in H ₂ O]	3,00	3,00	3,00	3,00	3,00	3,00	3,00
Corrección de la potencia a la caída de presión nominal	1,0000	1,0000	1,0000	1,0000	1,0000	1,0000	1,0000
Factor de corrección de la Potencia por la Caída de Presión en la Entrada de la TG	1,00265	1,00298	1,00381	1,00460	1,00536	1,00550	1,00578

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Cálculo del Consumo Específico

El Consumo Específico Neto para cada nivel de carga se calculó de acuerdo con la metodología explicada en el protocolo de prueba.

Tabla 3-7 Cálculo del Consumo Específico Neto Corregido

ESCALÓN MW	395	360	325	290	255	225	195
Flujo volumétrico de diesel [m ³ /h]	76,07	69,57	63,01	56,97	51,05	46,62	41,90
Densidad del Diesel [kg/m ³] (15 °C)	837,20	835,50	835,60	829,60	835,70	828,65	835,80
Flujo másico de diesel [kg/h]	63.683	58.122	52.649	47.265	42.662	38.629	35.018
Poder Calorífico Superior [kcal/kg]	10.913	10.933	10.933	10.932	10.932	10.932	10.932
Tasa de Consumo de Calor Medida [kcal/h]	694.961.679	635.439.263	575.596.033	516.709.693	466.372.106	422.295.398	382.808.946
Tasa de Consumo de Calor Corregida [kcal/h]	704.579.736	644.259.498	584.631.216	527.687.869	482.673.066	436.885.822	394.366.124
CONSUMO ESPECÍFICO NETO MEDIDO [kcal/kWh]	1.788	1.795	1.811	1.823	1.872	1.929	2.028
CONSUMO ESPECÍFICO NETO CORREGIDO [kcal/kWh]	1.788	1.796	1.810	1.820	1.870	1.927	2.027



Factores de Corrección del Consumo de Calor

Tabla 3-8 Corrección del Consumo de Calor por la Temperatura de Entrada al Compresor (Curva 16Q-159)

ESCALÓN	395	360	325	290	255	225	195
Temperatura Ambiente Medida [°F]	63,0	63,1	63,9	66,0	70,6	70,5	69,2
Corrección del consumo de calor por la temperatura ambiente medida	0,9889	0,9886	0,9862	0,9804	0,9676	0,9678	0,9714
Temperatura Ambiente Nominal [°F]	59	59	59	59	59	59	59
Corrección del consumo de Calor por la temperatura ambiente nominal	1,0000	1,0000	1,0000	1,0000	1,0000	1,0000	1,0000
Factor de Corrección del Consumo de Calor por la Temperatura de Entrada al Compresor	1,01122	1,01154	1,01400	1,02002	1,03347	1,03322	1,02945

Tabla 3-9 Corrección del Consumo de Calor por la Humedad Relativa en la Entrada del Compresor (Curva 16Q-161, 16Q-163 y 16Q-165)

ESCALÓN	395	360	325	290	255	225	195
Humedad Relativa Medida [%]	73,9%	74,4%	71,3%	67,7%	56,6%	56,3%	58,5%
Temperatura Ambiente Medida [°F]	65	72	76	82	83	82	71
Corrección de la potencia a la temperatura ambiente medida y humedad relativa medida	0,9950869	0,9950757	0,9949856	0,9947694	0,9938856	0,9939050	0,9942330
Humedad Relativa Nominal [%]	70	70	70	70	70	70	70
Temperatura Ambiente Nominal [°F]	59	59	59	59	59	59	59
Corrección de la potencia a la temperatura ambiente nominal y humedad relativa nominal	1,0000000	1,0000000	1,0000000	1,0000000	1,0000000	1,0000000	1,0000000

Tabla 3-10 Corrección del Consumo de Calor por la Caída de Presión en la Entrada de la TG (Curva 16Q-169)

ESCALÓN	395	360	325	290	255	225	195
Caída de Presión Medida [in H ₂ O]	2,057073	1,940411	1,644369	1,365310	1,096222	1,043451	0,946524
Corrección del consumo de calor a la caída de presión medida	1,0023	1,0026	1,0034	1,0041	1,0047	1,0048	1,0051
Caída de Presión Nominal [in H ₂ O]	3,00	3,00	3,00	3,00	3,00	3,00	3,00
Corrección del consumo de calor a la caída de presión nominal	1,0000	1,0000	1,0000	1,0000	1,0000	1,0000	1,0000
Factor de corrección de la Potencia por la Caída de Presión en la Entrada de la TG	0,99767	0,99738	0,99665	0,99597	0,99531	0,99518	0,99494

OPERACIÓN y MANTENIMIENTO INDUSTRIAL

Flujo Energía Limitada

Nueva York 53 Oficina 61 - Santiago



Cálculo de la Incertidumbre

La incertidumbre de la prueba se determinó siguiendo los lineamientos de los códigos ASME PTC 22 y ASME PTC 19.1

INCERTIDUMBRE NEH2 CICLO COMBINADO DIESEL
395MW



INCERTIDUMBRE																	
PARÁMETRO	MEDIDA	PUNTO DE MEDIDA		Valor Típico de la Medición	CANTIDAD DE INSTRUMENTOS	CLASE DE INSTRUMENTO	INCERTIDUMBRE SISTEMÁTICA U_{Bk}	SENSIBILIDAD θ	$(U_{Bk} * \theta)^2$	CANTIDAD DE DATOS	DESVIACIÓN ESTÁNDAR, s_k	DISTRIBUCIÓN STUDENT, k	INCERTIDUMBRE ALEATORIA U_{kSk}	$(U_{kSk} * \theta)^2$	INCERTIDUMBRE TOTAL, $U_{T,k}^2$	INCERTIDUMBRE DE LA PRUEBA	INCERTIDUMBRES MÁXIMA PERMITIDA DE LA MEDICIÓN
		NOMBRE	PUNTO														
POTENCIA	POTENCIA NETA Turbina a Gas	POTENCIA NETA TG 2 ION 7650 PJ - 0911A506-02	S/E San Luis Punto N2	230 MW	3	TP	± 0,07%	0,6589 % / %	0,0000001929						0,00000019		
					3	TC	± 0,07%	0,6589 % / %	0,0000001929					0,00000019			
					1	Medidor de Energía	± 0,009%	0,6589 % / %	0,0000000035	61	0,0020	2,0	0,00396	0,00000680	0,00000680		
	POTENCIA NETA Turbina a Vapor	POTENCIA NETA TV 2 ION 7650 PJ - 0911A857-02	S/E San Luis Punto N2	230 MW	3	TP	± 0,07%	0,3863 % / %	0,0000000663						0,00000001		
					3	TC	± 0,07%	0,3863 % / %	0,0000000663					0,00000001			
					1	Medidor de Energía	± 0,009%	0,3863 % / %	0,0000000012	61	0,0036	2,0	0,00727	0,0028088	0,0028088		
POTENCIA NETA														SUMA	0,002816	0,0531	0,25%
POTENCIA	POTENCIA BRUTA Turbina a Gas	POTENCIA BRUTA TG 2 ION 8600 PT - 1106B209-01	BORNES DEL GENERADOR TRANSITORIO	230 MW	3	TP	± 0,067%	0,00939 % / %	0,00000%						0,00000%		
					3	TC	± 0,067%	0,00939 % / %	0,00000%					0,00000%			
					1	Medidor de Energía	± 0,027%	0,00939 % / %	0,000000%	61	0,0022	2,0	0,00444	0,0042%	0,00417%		
	POTENCIA BRUTA Turbina a Vapor	POTENCIA BRUTA TV 2 ION 8600 PT - 1012A395-01	BORNES DEL GENERADOR TRANSITORIO	230 MW	3	TP	± 0,067%	0,04442 % / %	0,00000%						0,00000%		
					3	TC	± 0,067%	0,0444 % / %	0,00000%					0,00000%			
					1	Medidor de Energía	± 0,078%	0,04442 % / %	0,000000%	61	0,00359	2	0,00717	0,0319%	0,03186%		
POTENCIA BRUTA														SUMA	0,03602%	0,0190	0,25%

**INCERTIDUMBRE NEH2 CICLO COMBINADO DIESEL
395MW**



INCERTIDUMBRE																	
PARÁMETRO	MEDIDA	PUNTO DE MEDIDA		Valor Típico de la Medición	CANTIDAD DE INSTRUMENTOS	CLASE DE INSTRUMENTO	INCERTIDUMBRE SISTEMÁTICA U_{Bx}	SENSIBILIDAD θ	$(U_{Bx} * \theta)^2$	CANTIDAD DE DATOS	DESVIACIÓN ESTÁNDAR, S_x	DISTRIBUCIÓN STUDENT, k	INCERTIDUMBRE ALEATORIA U_{kx}	$(U_{kx} * \theta)^2$	INCERTIDUMBRE TOTAL, $U_{T,x}^2$	INCERTIDUMBRE DE LA PRUEBA	INCERTIDUMBRES MÁXIMA PERMITIDA DE LA MEDICIÓN
		NOMBRE	PUNTO														
ENTRADA DE CALOR	FLUJO	FLUJO DE DIESEL A LA TG	12CF201	80.000 lt/h	1	Coriolis Micro-Motion	± 0,02%	0,99410 % / %	0,000004%	721	0,0018	1,960	0,00347	0,003445438	0,003445477		
	Poder Calorífico Superior	Muestra desde línea de diesel	Descarga Bomba	42,96 MJ/kg		Análisis	0,169 MJ/kg	0,00393 % / %	0,00004%	NA	NA	NA	NA		0,000000442		
ENTRADA DE CALOR														SUMA	0,003446	0,0587	0,65%
CONSUMO ESPECÍFICO NETO	POTENCIA NETA															0,0028	0,25%
	ENTRADA DE CALOR															0,0034	0,65%
CONSUMO ESPECÍFICO NETO														SUMA	0,0063	0,0791	1,25%
POTENCIA CORREGIDA	FACTOR DE POTENCIA	FACTOR DE POTENCIA TG 2 ION 8600 PT - 1106B209-01	BORNES DEL GENERADOR	0,85 [-]	3	TP	± 0,086%	0,00760 % / %	0,000000004%						0,00000000042		
						TC	± 0,086%	0,0076 % / %	0,000000004%					0,00000000042			
						Medidor de Energía	± 0,086%	0,00760 % / %	0,000000004%	61	0,0020	2,0	0,00408	0,0000000096	0,00000001003		
	FACTOR DE POTENCIA	FACTOR DE POTENCIA Turbina a Vapor 2 ION 8600 PT - 1012A395-01	BORNES DEL GENERADOR	0,85 [-]	3	TP	± 0,122%	0,00512 % / %	0,0000000%						0,00000000039		
						TC	± 0,122%	0,00512 % / %	0,0000000%					0,00000000039			
						Medidor de Energía	± 0,122%	0,00512 % / %	0,0000000%	61	0,0007	2,0	0,00139	0,0000000005	0,00000000090		
	POTENCIA	POTENCIA NETA TG 2 ION 7650 PT - 1106B209-01	S/E San Luis Punto N2	250 MW	3	TP	± 0,067%	0,0163 % / %	0,00000%						0,00000000012		
						TC	± 0,067%	0,0163 % / %	0,00000%					0,00000000012			
						Medidor de Energía	± 0,027%	0,0163 % / %	0,00000%	61	0,0020	2,0	0,00395680023	0,00000000416	0,00000000418		0,25%
	POTENCIA	POTENCIA NETA Turbina a Vapor 2 ION 7650 PT - 1012A395-01	S/E San Luis Punto N4	130 MW	3	TP	± 0,067%	0,0132 % / %	0,000000%						0,000000000		
						TC	± 0,067%	0,0132 % / %	0,000000%					0,000000000			
						Medidor de Energía	± 0,078%	0,0132 % / %	0,000000%	61	0,0036	2,0	0,00727128	0,00000001	0,00000001		0,25%
	Humedad	Humedad Relativa Entrada al Compresor	Estación Meteorológica	70%	1	VAISALA HMT360/HMP363	± 0,01%	0,0000002 % / %	0,000000%	361	0,0041	1,960	0,00804178	0,00006467	0,00006467		2,00%
	Temperatura	Temperatura Ambiente Entrada al Compresor	Estación Meteorológica	15 °C	1	VAISALA HMT360/HMP363	± 0,01%	0,0009 % / °C	0,0000	361	0,0042	1,960	0,00816373	0,00008292	0,00008292		0,60 °C
Presión	Presión Barométrica	96AP 1A/1B	1003,7 mbar	1	Barómetro Digital	± 0,01%	0,0042 % / °C	0,0000	361	0,0196	1,960	0,03850598	0,00182380	0,00182380		0,075%	
Presión	Presión Entrada al Compresor	AFPCS	1003,7 mbar	1		± 0,01%	0,0042 % / %	0,0000	61	0,0471	2,0	0,09419563	0,00968170	0,00968170		0,075%	
POTENCIA CORREGIDA														SUMA	0,011653	0,1079496	0,800%
CONSUMO ESPECÍFICO NETO CORREGIDO	Humedad	Humedad Relativa Entrada al Compresor	Estación Meteorológica	70%	1	VAISALA HMT360/HMP363	± 0,03%	0,0000002 % / %	0,0000000	361	0,0041	1,960	0,00804	0,0000647	0,0000647		2,0%
	Temperatura	Temperatura Ambiente Entrada al Compresor	Estación Meteorológica	15 °C	1	VAISALA HMT360/HMP363	± 1,7 °C	0,00094 % / %	0,00000254	361	0,0042	1,960	0,00816	0,0000828	0,0000854		0,6 °C
	Presión	Presión Barométrica	96AP 1A/1B	1003,7 mbar	1	Barómetro Digital	± 0,01%	0,00247 % / %	0,00000000	361	0,0196	1,960	0,03851	0,0016792	0,0016792		0,075%
	Presión	Presión Entrada al Compresor	AFPCS	1003,7 mbar	1		± 0,01%	0,0025 % / %	0,000000000	61	0,0471	2,0	0,09420	0,0093446	0,0093446		0,075%
Consumo Especifico Neto															0,00626		
CONSUMO ESPECÍFICO NETO CORREGIDO														SUMA	0,01744	0,1320	1,25%

INCERTIDUMBRE NEH2 CICLO COMBINADO DIESEL
360MW



INCERTIDUMBRE																		
PARÁMETRO	MEDIDA	PUNTO DE MEDIDA		Valor Típico de la Medición	CANTIDAD DE INSTRUMENTOS	CLASE DE INSTRUMENTO	INCERTIDUMBRE SISTEMÁTICA U_{Bx}	SENSIBILIDAD θ	$(U_{Bx} * \theta)^2$	CANTIDAD DE DATOS	DESVIACIÓN ESTÁNDAR, S_x	DISTRIBUCIÓN STUDENT, k	INCERTIDUMBRE ALEATORIA U_{Ax}	$(U_{Ax} * \theta)^2$	INCERTIDUMBRE TOTAL, U_T^2	INCERTIDUMBRE DE LA PRUEBA	INCERTIDUMBRES MÁXIMA PERMITIDA DE LA MEDICIÓN	
		NOMBRE	PUNTO															
POTENCIA	POTENCIA NETA Turbina a Gas	POTENCIA NETA	S/E San Luis Punto N2	230 MW	3	TP	± 0,07%	0,6589 % / %	0,0000001929						0,00000019			
		TG 2 ION 7650	FACTURACIÓN		3	TC	± 0,07%	0,6589 % / %	0,0000001929						0,00000019			
		PJ - 0911A506-02			1	Medidor de Energía	± 0,009%	0,6589 % / %	0,0000000035	61	0,0022	2,0	0,00432	0,00000810	0,00000810			
	POTENCIA NETA Turbina a Vapor	POTENCIA NETA	S/E San Luis Punto N2	230 MW	3	TP	± 0,07%	0,3863 % / %	0,0000000663							0,00000001		
		TV 2 ION 7650	FACTURACIÓN		3	TC	± 0,07%	0,3863 % / %	0,0000000663							0,00000001		
		PJ - 0911A857-02			1	Medidor de Energía	± 0,009%	0,3863 % / %	0,0000000012	61	0,0043	2,0	0,00854	0,0032972	0,0032972			
POTENCIA NETA														SUMA	0,003306	0,0575	0,25%	
POTENCIA	POTENCIA BRUTA Turbina a Gas	POTENCIA BRUTA	BORNES DEL GENERADOR	230 MW	3	TP	± 0,067%	0,00939 % / %	0,00000%						0,00000%			
		TG 2 ION 8600	TRANSITORIO		3	TC	± 0,067%	0,00939 % / %	0,00000%						0,00000%			
		PT - 1106B209-01			1	Medidor de Energía	± 0,027%	0,00939 % / %	0,000000%	61	0,0021	2,0	0,00422	0,0040%	0,00396%			
	POTENCIA BRUTA Turbina a Vapor	POTENCIA BRUTA	BORNES DEL GENERADOR	230 MW	3	TP	± 0,067%	0,04442 % / %	0,00000%						0,00000%			
		TV 2 ION 8600	TRANSITORIO		3	TC	± 0,067%	0,0444 % / %	0,00000%						0,00000%			
		PT - 1012A395-01			1	Medidor de Energía	± 0,078%	0,04442 % / %	0,000000%	61	0,00410	2,0	0,00820	0,0364%	0,03644%			
POTENCIA BRUTA														SUMA	0,04040%	0,0201	0,25%	

**INCERTIDUMBRE NEH2 CICLO COMBINADO DIESEL
360MW**



INCERTIDUMBRE																		
PARÁMETRO	MEDIDA	PUNTO DE MEDIDA		Valor Típico de la Medición	CANTIDAD DE INSTRUMENTOS	CLASE DE INSTRUMENTO	INCERTIDUMBRE SISTEMÁTICA U_{Bx}	SENSIBILIDAD θ	$(U_{Bx} * \theta)^2$	CANTIDAD DE DATOS	DESVIACIÓN ESTÁNDAR, S_x	DISTRIBUCIÓN STUDENT, k	INCERTIDUMBRE ALEATORIA U_{kSx}	$(U_{kSx} * \theta)^2$	INCERTIDUMBRE TOTAL, U_T^2	INCERTIDUMBRE DE LA PRUEBA	INCERTIDUMBRES MÁXIMA PERMITIDA DE LA MEDICIÓN	
		NOMBRE	PUNTO															
ENTRADA DE CALOR	FLUJO	FLUJO DE DIESEL A LA TG	12CF201	80.000 lt/h	1	Coriolis Micro-Motion	± 0,02%	0,99410 % / %	0,000004%	721	0,0016	1,960	0,00319	0,003175573	0,003175613			
	Poder Calorífico Superior	Muestra desde línea de diesel	Descarga Bomba	42,96 MJ/kg		Análisis	0,169 MJ/kg	0,00393 % / %	0,00004%	NA	NA	NA	NA		0,000000442			
	ENTRADA DE CALOR														SUMA	0,003176	0,0564	0,65%
CONSUMO ESPECÍFICO NETO	POTENCIA NETA															0,0033		0,25%
	ENTRADA DE CALOR															0,0032		0,65%
CONSUMO ESPECÍFICO NETO														SUMA	0,0065	0,0805	1,25%	
POTENCIA CORREGIDA	FACTOR DE POTENCIA	FACTOR DE POTENCIA TG 2 ION 8600 PT – 1106B209-01	BORNES DEL GENERADOR TRANSITORIO	0,85 [-]	3	TP	± 0,086%	0,00760 % / %	0,000000004%						0,00000000042			
					3	TC	± 0,086%	0,0076 % / %	0,000000004%					0,00000000042				
					1	Medidor de Energía	± 0,086%	0,00760 % / %	0,000000004%	61	0,0033	2,0	0,00667	0,0000000257	0,00000002608			
	FACTOR DE POTENCIA	FACTOR DE POTENCIA Turbina a Vapor 2 ION 8600 PT – 1012A395-01	BORNES DEL GENERADOR TRANSITORIO	0,85 [-]	3	TP	± 0,122%	0,00512 % / %	0,00000000%						0,00000000039			
					3	TC	± 0,122%	0,00512 % / %	0,00000000%					0,00000000039				
					1	Medidor de Energía	± 0,122%	0,00512 % / %	0,00000000%	61	0,0018	2,0	0,00354	0,0000000033	0,00000000367			
	POTENCIA	POTENCIA NETA TG 2 ION 7650 PT – 1106B209-01	S/E San Luis Punto N2	250 MW	3	TP	± 0,067%	0,0163 % / %	0,000000%						0,00000000012			
					3	TC	± 0,067%	0,0163 % / %	0,000000%					0,00000000012				
					1	Medidor de Energía	± 0,027%	0,0163 % / %	0,000000%	61	0,0022	2,0	0,00431891605	0,00000000496	0,00000000498		0,25%	
	POTENCIA	POTENCIA NETA Turbina a Vapor 2 ION 7650 PT – 1012A395-01	S/E San Luis Punto N4	130 MW	3	TP	± 0,067%	0,0132 % / %	0,0000000%						0,000000000			
					3	TC	± 0,067%	0,0132 % / %	0,0000000%					0,000000000				
					1	Medidor de Energía	± 0,078%	0,0132 % / %	0,0000000%	61	0,0043	2,0	0,00853542	0,00000001	0,00000001		0,25%	
	Humedad	Humedad Relativa Entrada al Compresor	Estación Meteorológica	70%	1	VAISALA HMT360/HMP363	± 0,01%	0,000002 % / %	0,0000000%	361	0,0086	1,960	0,01680590	0,00028245	0,00028245		2,00%	
	Temperatura	Temperatura Ambiente Entrada al Compresor	Estación Meteorológica	15 °C	1	VAISALA HMT360/HMP363	± 0,01%	0,0009 % / °C	0,0000	361	0,0090	1,960	0,01767014	0,00034641	0,00034641		0,60 °C	
	Presión	Presión Barométrica	96AP 1A/1B	1003,7 mbar	1	Barómetro Digital	± 0,01%	0,0042 % / °C	0,0000	361	0,0195	1,960	0,03817953	0,00179602	0,00179602		0,075%	
Presión	Presión Entrada al Compresor	AFPCS	1003,7 mbar	1		± 0,01%	0,0042 % / %	0,0000	61	0,0723	2,0	0,14450424	0,02211295	0,02211295		0,075%		
POTENCIA CORREGIDA														SUMA	0,024538	0,1566456	0,800%	
CONSUMO ESPECÍFICO NETO CORREGIDO	Humedad	Humedad Relativa Entrada al Compresor	Estación Meteorológica	70%	1	VAISALA HMT360/HMP363	± 0,03%	0,000002 % / %	0,0000000	361	0,0086	1,960	0,01681	0,0002824	0,0002824		2,0%	
	Temperatura	Temperatura Ambiente Entrada al Compresor	Estación Meteorológica	15 °C	1	VAISALA HMT360/HMP363	± 1,7 °C	0,00094 % / %	0,00000254	361	0,0090	1,960	0,01767	0,0003462	0,0003488		0,6 °C	
	Presión	Presión Barométrica	96AP 1A/1B	1003,7 mbar	1	Barómetro Digital	± 0,01%	0,00247 % / %	0,00000000	361	0,0195	1,960	0,03818	0,0016525	0,0016525		0,075%	
	Presión	Presión Entrada al Compresor	AFPCS	1003,7 mbar	1		± 0,01%	0,0025 % / %	0,0000000000	61	0,0723	2,0	0,14450	0,0216019	0,0216019		0,075%	
	Consumo Especifico Neto															0,00648		
CONSUMO ESPECÍFICO NETO CORREGIDO														SUMA	0,03037	0,1743	1,25%	

**INCERTIDUMBRE NEH2 CICLO COMBINADO DIESEL
325MW**



INCERTIDUMBRE																		
PARÁMETRO	MEDIDA	PUNTO DE MEDIDA		Valor Típico de la Medición	CANTIDAD DE INSTRUMENTOS	CLASE DE INSTRUMENTO	INCERTIDUMBRE SISTEMÁTICA $U_{s,x}$	SENSIBILIDAD θ	$(U_{s,x} \cdot \theta)^2$	CANTIDAD DE DATOS	DESVIACIÓN ESTÁNDAR, S_x	DISTRIBUCIÓN STUDENT, k	INCERTIDUMBRE ALEATORIA $U_{a,x}$	$(U_{a,x} \cdot \theta)^2$	INCERTIDUMBRE TOTAL, U_T^2	INCERTIDUMBRE DE LA PRUEBA	INCERTIDUMBRES MÁXIMA PERMITIDA DE LA MEDICIÓN	
		NOMBRE	PUNTO															
POTENCIA	POTENCIA NETA Turbina a Gas	POTENCIA NETA TG 2 ION 7650 PJ - 0911A506-02	S/E San Luis Punto N2	230 MW	3	TP	± 0,07%	0,6589 % / %	0,0000001929						0,00000019			
					3	TC	± 0,07%	0,6589 % / %	0,0000001929					0,00000019				
					1	Medidor de Energía	± 0,009%	0,6589 % / %	0,0000000035	61	0,0052	2,0	0,01043	0,00004723	0,00004723			
	POTENCIA NETA Turbina a Vapor	POTENCIA NETA TV 2 ION 7650 PJ - 0911A857-02	S/E San Luis Punto N2	230 MW	3	TP	± 0,07%	0,3863 % / %	0,0000000663						0,00000001			
					3	TC	± 0,07%	0,3863 % / %	0,0000000663					0,00000001				
					1	Medidor de Energía	± 0,009%	0,3863 % / %	0,0000000012	61	0,0046	2,0	0,00929	0,0035881	0,0035881			
POTENCIA NETA													SUMA	0,003636	0,0603	0,25%		
POTENCIA	POTENCIA BRUTA Turbina a Gas	POTENCIA BRUTA TG 2 ION 8600 PT - 1106B209-01	BORNES DEL GENERADOR	230 MW	3	TP	± 0,067%	0,00939 % / %	0,000000%						0,000000%			
					3	TC	± 0,067%	0,00939 % / %	0,000000%					0,000000%				
					1	Medidor de Energía	± 0,027%	0,00939 % / %	0,000000%	61	0,0059	2,0	0,01171	0,01100%	0,01100%			
	POTENCIA BRUTA Turbina a Vapor	POTENCIA BRUTA TV 2 ION 8600 PT - 1012A395-01	BORNES DEL GENERADOR	230 MW	3	TP	± 0,067%	0,04442 % / %	0,000000%						0,000000%			
					3	TC	± 0,067%	0,0444 % / %	0,000000%					0,000000%				
					1	Medidor de Energía	± 0,078%	0,04442 % / %	0,000000%	61	0,00476	2,0	0,00951	0,0423%	0,04225%			
POTENCIA BRUTA													SUMA	0,05325%	0,0231	0,25%		

**INCERTIDUMBRE NEH2 CICLO COMBINADO DIESEL
325MW**



INCERTIDUMBRE																		
PARÁMETRO	MEDIDA	PUNTO DE MEDIDA		Valor Típico de la Medición	CANTIDAD DE INSTRUMENTOS	CLASE DE INSTRUMENTO	INCERTIDUMBRE SISTEMÁTICA U_{sx}	SENSIBILIDAD θ	$(U_{sx} \cdot \theta)^2$	CANTIDAD DE DATOS	DESVIACIÓN ESTÁNDAR, S_x	DISTRIBUCIÓN STUDENT, k	INCERTIDUMBRE ALEATORIA U_{sx}	$(U_{sx} \cdot \theta)^2$	INCERTIDUMBRE TOTAL, U_T^2	INCERTIDUMBRE DE LA PRUEBA	INCERTIDUMBRES MÁXIMA PERMITIDA DE LA MEDICIÓN	
		NOMBRE	PUNTO															
ENTRADA DE CALOR	FLUJO	FLUJO DE DIESEL A LA TG	12CF201	80.000 lt/h	1	Coriolis Micro-Motion	± 0,02%	0,99410 % / %	0,000004%	721	0,0037	1,960	0,00719	0,007146277	0,007146316			
	Poder Calorífico Superior	Muestra desde línea de diesel	Descarga Bomba	42,96 MJ/kg		Análisis	0,169 MJ/kg	0,00393 % / %	0,00004%	NA	NA	NA	NA		0,000000442			
	ENTRADA DE CALOR													SUMA	0,007147	0,0845	0,65%	
CONSUMO ESPECÍFICO NETO	POTENCIA NETA														0,0036		0,25%	
	ENTRADA DE CALOR														0,0071		0,65%	
	CONSUMO ESPECÍFICO NETO													SUMA	0,0108	0,1038	1,25%	
POTENCIA CORREGIDA	FACTOR DE POTENCIA	FACTOR DE POTENCIA TG 2 ION 8600 PT - 1106B209-01	BORNES DEL GENERADOR TRANSITORIO	0,85 [-]	3	TP	± 0,086%	0,00760 % / %	0,000000004%						0,00000000042			
					3	TC	± 0,086%	0,0076 % / %	0,000000004%					0,00000000042				
					1	Medidor de Energía	± 0,086%	0,00760 % / %	0,000000004%	61	0,0045	2,0	0,00891	0,00000000459	0,000000004631			
	FACTOR DE POTENCIA	FACTOR DE POTENCIA Turbina a Vapor 2 ION 8600 PT - 1012A395-01	BORNES DEL GENERADOR TRANSITORIO	0,85 [-]	3	TP	± 0,122%	0,00512 % / %	0,00000000%						0,00000000039			
					3	TC	± 0,122%	0,00512 % / %	0,00000000%					0,00000000039				
					1	Medidor de Energía	± 0,122%	0,00512 % / %	0,00000000%	61	0,0019	2,0	0,00381	0,00000000038	0,000000000419			
	POTENCIA	POTENCIA NETA TG 2 ION 7650 PT - 1106B209-01	S/E San Luis Punto N2 FACTURACIÓN	250 MW	3	TP	± 0,067%	0,0163 % / %	0,000000%						0,00000000012			
					3	TC	± 0,067%	0,0163 % / %	0,000000%					0,00000000012				
					1	Medidor de Energía	± 0,027%	0,0163 % / %	0,000000%	61	0,0052	2,0	0,01043036421	0,00000002891	0,00000002893	0,25%		
	POTENCIA	POTENCIA NETA Turbina a Vapor 2 ION 7650 PT - 1012A395-01	S/E San Luis Punto N4 FACTURACIÓN	130 MW	3	TP	± 0,067%	0,0132 % / %	0,00000000%						0,000000000			
					3	TC	± 0,067%	0,0132 % / %	0,00000000%					0,000000000				
					1	Medidor de Energía	± 0,078%	0,0132 % / %	0,00000000%	61	0,0046	2,0	0,00928860	0,000000002	0,000000002	0,25%		
	Humedad	Humedad Relativa Entrada al Compresor	Estación Meteorológica	70%	1	VAISALA HMT360/HMP363	± 0,01%	0,0000002 % / %	0,00000000%	361	0,0212	1,960	0,04163104	0,00173316	0,00173316		2,00%	
	Temperatura	Temperatura Ambiente Entrada al Compresor	Estación Meteorológica	15 °C	1	VAISALA HMT360/HMP363	± 0,01%	0,0009 % / °C	0,0000	361	0,0205	1,960	0,04025564	0,00169725	0,00169725		0,60 °C	
	Presión	Presión Barométrica	96AP 1A/1B	1003,7 mbar	1	Barómetro Digital	± 0,01%	0,0042 % / °C	0,0000	361	0,0201	1,960	0,03946372	0,00190652	0,00190652		0,075%	
	Presión	Presión Entrada al Compresor	AFPCS	1003,7 mbar	1		± 0,01%	0,0042 % / %	0,0000	61	0,0802	2,0	0,16049831	0,02712553	0,02712553		0,075%	
	POTENCIA CORREGIDA													SUMA	0,032463	0,1801736	0,800%	
	CONSUMO ESPECÍFICO NETO CORREGIDO	Humedad	Humedad Relativa Entrada al Compresor	Estación Meteorológica	70%	1	VAISALA HMT360/HMP363	± 0,03%	0,0000002 % / %	0,00000000	361	0,0212	1,960	0,04163	0,0017332	0,0017332		2,0%
		Temperatura	Temperatura Ambiente Entrada al Compresor	Estación Meteorológica	15 °C	1	VAISALA HMT360/HMP363	± 1,7 °C	0,00094 % / %	0,00000254	361	0,0205	1,960	0,04026	0,0016968	0,0016994		0,6 °C
		Presión	Presión Barométrica	96AP 1A/1B	1003,7 mbar	1	Barómetro Digital	± 0,01%	0,00247 % / %	0,00000000	361	0,0201	1,960	0,03946	0,0017586	0,0017586		0,075%
		Presión	Presión Entrada al Compresor	AFPCS	1003,7 mbar	1		± 0,01%	0,0025 % / %	0,0000000000	61	0,0802	2,0	0,16050	0,0265592	0,0265592		0,075%
Consumo Especifico Neto														0,01078				
CONSUMO ESPECÍFICO NETO CORREGIDO													SUMA	0,04253	0,2062	1,25%		

**INCERTIDUMBRE NEH2 CICLO COMBINADO DIESEL
290MW**



INCERTIDUMBRE																		
PARÁMETRO	MEDIDA	PUNTO DE MEDIDA		Valor Típico de la Medición	CANTIDAD DE INSTRUMENTOS	CLASE DE INSTRUMENTO	INCERTIDUMBRE SISTEMÁTICA U_{B_s}	SENSIBILIDAD θ	$(U_{B_s} \cdot \theta)^2$	CANTIDAD DE DATOS	DESVIACIÓN ESTÁNDAR, S_x	DISTRIBUCIÓN STUDENT, k	INCERTIDUMBRE ALEATORIA U_{A_s}	$(U_{A_s} \cdot \theta)^2$	INCERTIDUMBRE TOTAL, U_T^2	INCERTIDUMBRE DE LA PRUEBA	INCERTIDUMBRES MÁXIMA PERMITIDA DE LA MEDICIÓN	
		NOMBRE	PUNTO															
POTENCIA	POTENCIA NETA Turbina a Gas	POTENCIA NETA	S/E San Luis	230 MW	3	TP	± 0,07%	0,6589 % / %	0,0000001929						0,00000019			
		TG 2 ION 7650	Punto N2		3	TC	± 0,07%	0,6589 % / %	0,0000001929							0,00000019		
		PJ – 0911A506-02	FACTURACIÓN		1	Medidor de Energía	± 0,009%	0,6589 % / %	0,0000000035	61	0,0051	2,0	0,01016	0,00004481	0,00004481			
	POTENCIA NETA Turbina a Vapor	POTENCIA NETA	S/E San Luis	230 MW	3	TP	± 0,07%	0,3863 % / %	0,0000000663							0,00000001		
		TV 2 ION 7650	Punto N2		3	TC	± 0,07%	0,3863 % / %	0,0000000663							0,00000001		
		PJ – 0911A857-02	FACTURACIÓN		1	Medidor de Energía	± 0,009%	0,3863 % / %	0,0000000012	61	0,0049	2,0	0,00989	0,0038204	0,0038204			
POTENCIA NETA														SUMA	0,003866	0,0622	0,25%	
POTENCIA	POTENCIA BRUTA Turbina a Gas	POTENCIA BRUTA	BORNES DEL	230 MW	3	TP	± 0,067%	0,00939 % / %	0,000000%						0,000000%			
		TG 2 ION 8600	GENERADOR		3	TC	± 0,067%	0,00939 % / %	0,000000%						0,000000%			
		PT – 1106B209-01	TRANSITORIO		1	Medidor de Energía	± 0,027%	0,00939 % / %	0,000000%	61	0,0046	2,0	0,00920	0,0086%	0,00864%			
	POTENCIA BRUTA Turbina a Vapor	POTENCIA BRUTA	BORNES DEL	230 MW	3	TP	± 0,067%	0,04442 % / %	0,000000%						0,000000%			
		TV 2 ION 8600	GENERADOR		3	TC	± 0,067%	0,0444 % / %	0,000000%						0,000000%			
		PT – 1012A395-01	TRANSITORIO		1	Medidor de Energía	± 0,078%	0,04442 % / %	0,000000%	61	0,00476	2,0	0,00951	0,0423%	0,04225%			
POTENCIA BRUTA														SUMA	0,05089%	0,0226	0,25%	

INCERTIDUMBRE NEH2 CICLO COMBINADO DIESEL
290MW



INCERTIDUMBRE																		
PARÁMETRO	MEDIDA	PUNTO DE MEDIDA		Valor Típico de la Medición	CANTIDAD DE INSTRUMENTOS	CLASE DE INSTRUMENTO	INCERTIDUMBRE SISTEMÁTICA U_{B_s}	SENSIBILIDAD θ	$(U_{B_s} * \theta)^2$	CANTIDAD DE DATOS	DESVIACIÓN ESTÁNDAR, S_x	DISTRIBUCIÓN STUDENT, k	INCERTIDUMBRE ALEATORIA U_{A_s}	$(U_{A_s} * \theta)^2$	INCERTIDUMBRE TOTAL, $U_{T_s}^2$	INCERTIDUMBRE DE LA PRUEBA	INCERTIDUMBRES MÁXIMA PERMITIDA DE LA MEDICIÓN	
		NOMBRE	PUNTO															
ENTRADA DE CALOR	FLUJO	FLUJO DE DIESEL A LA TG	12CF201	80.000 lt/h	1	Coriolis Micro-Motion	± 0,02%	0,99410 % / %	0,000004%	721	0,0033	1,960	0,00654	0,006501340	0,006501380			
	Poder Calorífico Superior	Muestra desde línea de diesel	Descarga Bomba	42,96 MJ/kg		Análisis	0,169 MJ/kg	0,00393 % / %	0,00004%	NA	NA	NA	NA		0,000000442			
	ENTRADA DE CALOR														SUMA	0,006502	0,0806	0,65%
CONSUMO ESPECÍFICO NETO	POTENCIA NETA															0,0039		0,25%
	ENTRADA DE CALOR															0,0065		0,65%
	CONSUMO ESPECÍFICO NETO														SUMA	0,0104	0,1018	1,25%
POTENCIA CORREGIDA	FACTOR DE POTENCIA	FACTOR DE POTENCIA	BORNES DEL	0,85 [-]	3	TP	± 0,086%	0,00760 % / %	0,000000004%						0,00000000042			
		TG 2 ION 8600	GENERADOR		3	TC	± 0,086%	0,0076 % / %	0,000000004%						0,00000000042			
		PT – 1106B209-01	TRANSITORIO		1	Medidor de Energía	± 0,086%	0,00760 % / %	0,000000004%	61	0,0062	2,0	0,01246	0,0000000896	0,00000009006			
	FACTOR DE POTENCIA	FACTOR DE POTENCIA	BORNES DEL	0,85 [-]	3	TP	± 0,122%	0,00512 % / %	0,00000000%						0,00000000039			
		Turbina a Vapor 2 ION 8600	GENERADOR		3	TC	± 0,122%	0,00512 % / %	0,00000000%						0,00000000039			
		PT – 1012A395-01	TRANSITORIO		1	Medidor de Energía	± 0,122%	0,00512 % / %	0,00000000%	61	0,0031	2,0	0,00626	0,0000000103	0,00000001066			
	POTENCIA	POTENCIA NETA	S/E San Luis	250 MW	3	TP	± 0,067%	0,0163 % / %	0,000000%						0,00000000012			
		TG 2 ION 7650	Punto N2		3	TC	± 0,067%	0,0163 % / %	0,000000%						0,00000000012			
		PT – 1106B209-01	FACTURACIÓN		1	Medidor de Energía	± 0,027%	0,0163 % / %	0,000000%	61	0,0051	2,0	0,01015985705	0,00000002743	0,00000002745		0,25%	
	POTENCIA	POTENCIA NETA	S/E San Luis	130 MW	3	TP	± 0,067%	0,0132 % / %	0,000000%						0,000000000			
		Turbina a Vapor 2 ION 7650	Punto N4		3	TC	± 0,067%	0,0132 % / %	0,000000%						0,000000000			
		PT – 1012A395-01	FACTURACIÓN		1	Medidor de Energía	± 0,078%	0,0132 % / %	0,000000%	61	0,0049	2,0	0,00988994	0,000000002	0,000000002		0,25%	
	Humedad	Humedad Relativa Entrada al Compresor	Estación Meteorológica	70%	1	VAISALA HMT360/HMP363	± 0,01%	0,0000002 % / %	0,000000%	361	0,0081	1,960	0,01579683	0,00024955	0,00024955		2,00%	
	Temperatura	Temperatura Ambiente Entrada al Compresor	Estación Meteorológica	15 °C	1	VAISALA HMT360/HMP363	± 0,01%	0,0009 % / °C	0,0000	361	0,0091	1,960	0,01779031	0,00035090	0,00035090		0,6 °C	
	Presión	Presión Barométrica	96AP 1A/1B	1003,7 mbar	1	Barómetro Digital	± 0,01%	0,0042 % / °C	0,0000	361	0,0192	1,960	0,03766029	0,00175228	0,00175228		0,075%	
Presión	Presión Entrada al Compresor	AFPCS	1003,7 mbar	1		± 0,01%	0,0042 % / %	0,0000	61	0,0828	2,0	0,16554287	0,02881264	0,02881264		0,075%		
POTENCIA CORREGIDA														SUMA	0,031165	0,1765373	0,800%	
CONSUMO ESPECÍFICO NETO CORREGIDO	Humedad	Humedad Relativa Entrada al Compresor	Estación Meteorológica	70%	1	VAISALA HMT360/HMP363	± 0,03%	0,0000002 % / %	0,0000000	361	0,0081	1,960	0,01580	0,0002495	0,0002495		2,0%	
	Temperatura	Temperatura Ambiente Entrada al Compresor	Estación Meteorológica	15 °C	1	VAISALA HMT360/HMP363	± 1,7 °C	0,00094 % / %	0,00000254	361	0,0091	1,960	0,01779	0,0003507	0,0003533		0,6 °C	
	Presión	Presión Barométrica	96AP 1A/1B	1003,7 mbar	1	Barómetro Digital	± 0,01%	0,00247 % / %	0,00000000	361	0,0192	1,960	0,03766	0,0016106	0,0016106		0,075%	
	Presión	Presión Entrada al Compresor	AFPCS	1003,7 mbar	1		± 0,01%	0,0025 % / %	0,000000000	61	0,0828	2,0	0,16554	0,0282289	0,0282289		0,075%	
	Consumo Específico Neto															0,01037		
CONSUMO ESPECÍFICO NETO CORREGIDO														SUMA	0,04081	0,2020	1,25%	

INCERTIDUMBRE NEH2 CICLO COMBINADO DIESEL
255MW



INCERTIDUMBRE																	
PARÁMETRO	MEDIDA	PUNTO DE MEDIDA		Valor Típico de la Medición	CANTIDAD DE INSTRUMENTOS	CLASE DE INSTRUMENTO	INCERTIDUMBRE SISTEMÁTICA U_{Bk}	SENSIBILIDAD θ	$(U_{Bk} * \theta)^2$	CANTIDAD DE DATOS	DESVIACIÓN ESTÁNDAR, s_x	DISTRIBUCIÓN STUDENT, k	INCERTIDUMBRE ALEATORIA U_{kRx}	$(U_{kRx} * \theta)^2$	INCERTIDUMBRE TOTAL, U_{Tj}^2	INCERTIDUMBRE DE LA PRUEBA	INCERTIDUMBRES MÁXIMA PERMITIDA DE LA MEDICIÓN
		NOMBRE	PUNTO														
POTENCIA	POTENCIA NETA Turbina a Gas	POTENCIA NETA TG 2 ION 7650 PJ - 0911A506-02	S/E San Luis Punto N2	230 MW	3	TP	± 0,07%	0,6589 % / %	0,0000001929						0,00000019		
					3	TC	± 0,07%	0,6589 % / %	0,0000001929					0,00000019			
					1	Medidor de Energía	± 0,009%	0,6589 % / %	0,0000000035	31	0,0030	2,042	0,00607	0,00001601	0,00001601		
	POTENCIA NETA Turbina a Vapor	POTENCIA NETA TV 2 ION 7650 PJ - 0911A857-02	S/E San Luis Punto N2	230 MW	3	TP	± 0,07%	0,3863 % / %	0,0000000663						0,00000001		
					3	TC	± 0,07%	0,3863 % / %	0,0000000663					0,00000001			
					1	Medidor de Energía	± 0,009%	0,3863 % / %	0,0000000012	31	0,0062	2,042	0,01258	0,0048594	0,0048594		
POTENCIA NETA														SUMA	0,004876	0,0698	0,25%
POTENCIA	POTENCIA BRUTA Turbina a Gas	POTENCIA BRUTA TG 2 ION 8600 PT - 1106B209-01	BORNES DEL GENERADOR	230 MW	3	TP	± 0,067%	0,00939 % / %	0,00000%						0,00000%		
					3	TC	± 0,067%	0,00939 % / %	0,00000%					0,00000%			
					1	Medidor de Energía	± 0,027%	0,00939 % / %	0,000000%	31	0,0031	2,042	0,00640	0,0060%	0,00601%		
	POTENCIA BRUTA Turbina a Vapor	POTENCIA BRUTA TV 2 ION 8600 PT - 1012A395-01	BORNES DEL GENERADOR	230 MW	3	TP	± 0,067%	0,04442 % / %	0,00000%						0,00000%		
					3	TC	± 0,067%	0,0444 % / %	0,00000%					0,00000%			
					1	Medidor de Energía	± 0,078%	0,04442 % / %	0,000000%	31	0,06148	2,042	0,12555	0,5576%	0,55764%		
POTENCIA BRUTA														SUMA	0,56365%	0,0751	0,25%

**INCERTIDUMBRE NEH2 CICLO COMBINADO DIESEL
255MW**



INCERTIDUMBRE																	
PARÁMETRO	MEDIDA	PUNTO DE MEDIDA		Valor Típico de la Medición	CANTIDAD DE INSTRUMENTOS	CLASE DE INSTRUMENTO	INCERTIDUMBRE SISTEMÁTICA U_{Bx}	SENSIBILIDAD θ	$(U_{Bx} \cdot \theta)^2$	CANTIDAD DE DATOS	DESVIACIÓN ESTÁNDAR, s_x	DISTRIBUCIÓN STUDENT, k	INCERTIDUMBRE ALEATORIA U_{kx}	$(U_{kx} \cdot \theta)^2$	INCERTIDUMBRE TOTAL, $U_{T,x}^2$	INCERTIDUMBRE DE LA PRUEBA	INCERTIDUMBRES MÁXIMA PERMITIDA DE LA MEDICIÓN
		NOMBRE	PUNTO														
ENTRADA DE CALOR	FLUJO	FLUJO DE DIESEL A LA TG	12CF201	80.000 lt/h	1	Coriolis Micro-Motion	± 0,02%	0,99410 % / %	0,000004%	361	0,0030	1,960	0,00585	0,005815952	0,005815992		
	Poder Calorífico Superior	Muestra desde línea de diesel	Descarga Bomba	42,96 MJ/kg		Análisis	0,169 MJ/kg	0,00393 % / %	0,00004%	NA	NA	NA	NA		0,000000442		
ENTRADA DE CALOR														SUMA	0,005816	0,0763	0,65%
CONSUMO ESPECÍFICO NETO	POTENCIA NETA															0,0049	0,25%
	ENTRADA DE CALOR															0,0058	0,65%
CONSUMO ESPECÍFICO NETO														SUMA	0,0107	0,1034	1,25%
POTENCIA CORREGIDA	FACTOR DE POTENCIA	FACTOR DE POTENCIA TG 2 ION 8600 PT - 1106B209-01	BORNES DEL GENERADOR TRANSITORIO	0,85 [-]	3	TP	± 0,086%	0,00760 % / %	0,000000004%						0,00000000042		
						TC	± 0,086%	0,0076 % / %	0,000000004%					0,00000000042			
						Medidor de Energía	± 0,086%	0,00760 % / %	0,000000004%	31	0,0056	2,042	0,01140	0,0000000756	0,00000007543		
	FACTOR DE POTENCIA	FACTOR DE POTENCIA Turbina a Vapor 2 ION 8600 PT - 1012A395-01	BORNES DEL GENERADOR TRANSITORIO	0,85 [-]	3	TP	± 0,122%	0,00512 % / %	0,0000000%						0,00000000039		
						TC	± 0,122%	0,00512 % / %	0,0000000%					0,00000000039			
						Medidor de Energía	± 0,122%	0,00512 % / %	0,0000000%	31	0,0031	2,042	0,00639	0,0000000107	0,00000001109		
	POTENCIA	POTENCIA NETA TG 2 ION 7650 PT - 1106B209-01	S/E San Luis Punto N2 FACTURACIÓN	250 MW	3	TP	± 0,067%	0,0163 % / %	0,00000%						0,00000000012		
						TC	± 0,067%	0,0163 % / %	0,00000%					0,00000000012			
						Medidor de Energía	± 0,027%	0,0163 % / %	0,000000%	31	0,0002	2,042	0,00048118131	0,00000000006	0,00000000008		0,25%
	POTENCIA	POTENCIA NETA Turbina a Vapor 2 ION 7650 PT - 1012A395-01	S/E San Luis Punto N4 FACTURACIÓN	130 MW	3	TP	± 0,067%	0,0132 % / %	0,000000%						0,000000000		
						TC	± 0,067%	0,0132 % / %	0,000000%					0,000000000			
						Medidor de Energía	± 0,078%	0,0132 % / %	0,000000%	31	0,0062	2,0	0,01232086	0,00000003	0,000000003		0,25%
	Humedad	Humedad Relativa Entrada al Compresor	Estación Meteorológica	70%	1	VAISALA HMT360/HMP363	± 0,01%	0,0000002 % / %	0,000000%	181	0,0111	1,960	0,02176357	0,00047366	0,00047366		2,00%
	Temperatura	Temperatura Ambiente Entrada al Compresor	Estación Meteorológica	15 °C	1	VAISALA HMT360/HMP363	± 0,01%	0,0009 % / °C	0,0000	181	0,0089	1,960	0,01745211	0,00033835	0,00033835		0,60 °C
Presión	Presión Barométrica	96AP 1A/1B	1003,7 mbar	1	Barómetro Digital	± 0,01%	0,0042 % / °C	0,0000	181	0,0204	1,960	0,03990138	0,00194493	0,00194493		0,075%	
Presión	Presión Entrada al Compresor	AFPCS	1003,7 mbar	1		± 0,01%	0,0042 % / %	0,0000	31	0,0703	2,042	0,14345894	0,02180316	0,02180316		0,075%	
POTENCIA CORREGIDA														SUMA	0,024560	0,1567167	0,800%
CONSUMO ESPECÍFICO NETO CORREGIDO	Humedad	Humedad Relativa Entrada al Compresor	Estación Meteorológica	70%	1	VAISALA HMT360/HMP363	± 0,03%	0,0000002 % / %	0,0000000	181	0,0111	1,960	0,02176	0,0004737	0,0004737		2,0%
	Temperatura	Temperatura Ambiente Entrada al Compresor	Estación Meteorológica	15 °C	1	VAISALA HMT360/HMP363	± 1,7 °C	0,00094 % / %	0,00000254	181	0,0089	1,960	0,01745	0,0003382	0,0003407		0,6 °C
	Presión	Presión Barométrica	96AP 1A/1B	1003,7 mbar	1	Barómetro Digital	± 0,01%	0,00247 % / %	0,00000000	181	0,0204	1,960	0,03990	0,0017955	0,0017955		0,075%
	Presión	Presión Entrada al Compresor	AFPCS	1003,7 mbar	1		± 0,01%	0,0025 % / %	0,000000000	31	0,0703	2,0	0,14051	0,0204433	0,0204433		0,075%
Consumo Especifico Neto														SUMA	0,01069	0,1837	1,25%
CONSUMO ESPECÍFICO NETO CORREGIDO														SUMA	0,03375	0,1837	1,25%

INCERTIDUMBRE NEH2 CICLO COMBINADO DIESEL
225MW



INCERTIDUMBRE																	
PARÁMETRO	MEDIDA	PUNTO DE MEDIDA		Valor Típico de la Medición	CANTIDAD DE INSTRUMENTOS	CLASE DE INSTRUMENTO	INCERTIDUMBRE SISTEMÁTICA U_{Bk}	SENSIBILIDAD θ	$(U_{Bk} * \theta)^2$	CANTIDAD DE DATOS	DESVIACIÓN ESTÁNDAR, s_x	DISTRIBUCIÓN STUDENT, k	INCERTIDUMBRE ALEATORIA U_{kRx}	$(U_{kRx} * \theta)^2$	INCERTIDUMBRE TOTAL, U_{Tj}^2	INCERTIDUMBRE DE LA PRUEBA	INCERTIDUMBRES MÁXIMA PERMITIDA DE LA MEDICIÓN
		NOMBRE	PUNTO														
POTENCIA	POTENCIA NETA Turbina a Gas	POTENCIA NETA TG 2 ION 7650 PJ - 0911A506-02	S/E San Luis Punto N2	230 MW	3	TP	± 0,07%	0,6589 % / %	0,0000001929						0,00000019		
					3	TC	± 0,07%	0,6589 % / %	0,0000001929					0,00000019			
					1	Medidor de Energía	± 0,009%	0,6589 % / %	0,0000000035	61	0,0073	2,0	0,01464	0,00009309	0,00009309		
	POTENCIA NETA Turbina a Vapor	POTENCIA NETA TV 2 ION 7650 PJ - 0911A857-02	S/E San Luis Punto N2	230 MW	3	TP	± 0,07%	0,3863 % / %	0,0000000663						0,00000001		
					3	TC	± 0,07%	0,3863 % / %	0,0000000663					0,00000001			
					1	Medidor de Energía	± 0,009%	0,3863 % / %	0,0000000012	61	0,0053	2,0	0,01055	0,0040738	0,0040738		
POTENCIA NETA														SUMA	0,004167	0,0646	0,25%
POTENCIA	POTENCIA BRUTA Turbina a Gas	POTENCIA BRUTA TG 2 ION 8600 PT - 1106B209-01	BORNES DEL GENERADOR TRANSITORIO	230 MW	3	TP	± 0,067%	0,00939 % / %	0,00000%						0,00000%		
					3	TC	± 0,067%	0,00939 % / %	0,00000%					0,00000%			
					1	Medidor de Energía	± 0,027%	0,00939 % / %	0,000000%	61	0,0076	2,0	0,01520	0,0143%	0,01427%		
	POTENCIA BRUTA Turbina a Vapor	POTENCIA BRUTA TV 2 ION 8600 PT - 1012A395-01	BORNES DEL GENERADOR TRANSITORIO	230 MW	3	TP	± 0,067%	0,0444 % / %	0,00000%						0,00000%		
					3	TC	± 0,067%	0,0444 % / %	0,00000%					0,00000%			
					1	Medidor de Energía	± 0,078%	0,0444 % / %	0,000000%	61	0,05140	2,0	0,10281	0,4566%	0,45664%		
POTENCIA BRUTA														SUMA	0,47091%	0,0686	0,25%

INCERTIDUMBRE NEH2 CICLO COMBINADO DIESEL
225MW



INCERTIDUMBRE																		
PARÁMETRO	MEDIDA	PUNTO DE MEDIDA		Valor Típico de la Medición	CANTIDAD DE INSTRUMENTOS	CLASE DE INSTRUMENTO	INCERTIDUMBRE SISTEMÁTICA U_{Bk}	SENSIBILIDAD θ	$(U_{Bk} * \theta)^2$	CANTIDAD DE DATOS	DESVIACIÓN ESTÁNDAR, s_x	DISTRIBUCIÓN STUDENT, k	INCERTIDUMBRE ALEATORIA U_{kRx}	$(U_{kRx} * \theta)^2$	INCERTIDUMBRE TOTAL, U_{Tj}^2	INCERTIDUMBRE DE LA PRUEBA	INCERTIDUMBRES MÁXIMA PERMITIDA DE LA MEDICIÓN	
		NOMBRE	PUNTO															
ENTRADA DE CALOR	FLUJO	FLUJO DE DIESEL A LA TG	12CF201	80.000 lt/h	1	Coriolis Micro-Motion	± 0,02%	0,99410 % / %	0,000004%	721	0,0049	1,960	0,00952	0,009467464	0,009467503			
	Poder Calorífico Superior	Muestra desde línea de diesel	Descarga Bomba	42,96 MJ/kg		Análisis	0,169 MJ/kg	0,00393 % / %	0,00004%	NA	NA	NA	NA		0,000000442			
ENTRADA DE CALOR														SUMA	0,009468	0,0973	0,65%	
CONSUMO ESPECÍFICO NETO	POTENCIA NETA															0,0042	0,25%	
	ENTRADA DE CALOR															0,0095	0,65%	
CONSUMO ESPECÍFICO NETO														SUMA	0,0136	0,1168	1,25%	
POTENCIA CORREGIDA	FACTOR DE POTENCIA	FACTOR DE POTENCIA TG 2 ION 8600 PT - 1106B209-01	BORNES DEL GENERADOR	0,85 [-]	3	TP	± 0,086%	0,00760 % / %	0,000000004%						0,00000000042			
						TC	± 0,086%	0,0076 % / %	0,000000004%					0,00000000042				
						Medidor de Energía	± 0,086%	0,00760 % / %	0,000000004%	61	0,0065	2,0	0,01290	0,00000000961	0,000000009655			
	FACTOR DE POTENCIA	FACTOR DE POTENCIA Turbina a Vapor 2 ION 8600 PT - 1012A395-01	BORNES DEL GENERADOR	0,85 [-]	3	TP	± 0,122%	0,00512 % / %	0,00000000%						0,000000000039			
						TC	± 0,122%	0,00512 % / %	0,00000000%					0,000000000039				
						Medidor de Energía	± 0,122%	0,00512 % / %	0,00000000%	61	0,0021	2,0	0,00420	0,00000000046	0,000000000502			
	POTENCIA	POTENCIA NETA TG 2 ION 7650 PT - 1106B209-01	S/E San Luis Punto N2	250 MW	3	TP	± 0,067%	0,0163 % / %	0,000000%						0,00000000012			
						TC	± 0,067%	0,0163 % / %	0,000000%					0,00000000012				
						Medidor de Energía	± 0,027%	0,0163 % / %	0,000000%	61	0,0073	2,0	0,01464334161	0,00000005699	0,00000005701		0,25%	
	POTENCIA	POTENCIA NETA Turbina a Vapor 2 ION 7650 PT - 1012A395-01	S/E San Luis Punto N4	130 MW	3	TP	± 0,067%	0,0132 % / %	0,00000000%						0,000000000			
						TC	± 0,067%	0,0132 % / %	0,00000000%					0,000000000				
						Medidor de Energía	± 0,078%	0,0132 % / %	0,00000000%	61	0,0053	2,0	0,01054586	0,000000002	0,000000002		0,25%	
	Humedad	Humedad Relativa Entrada al Compresor	Estación Meteorológica	70%	1	VAISALA HMT360/HMP363	± 0,01%	0,0000002 % / %	0,0000000%	361	0,0108	1,960	0,02111355	0,00044579	0,00044579		2,00%	
	Temperatura	Temperatura Ambiente Entrada al Compresor	Estación Meteorológica	15 °C	1	VAISALA HMT360/HMP363	± 0,01%	0,0009 % / °C	0,0000	361	0,0074	1,960	0,01448695	0,00023805	0,00023805		0,60 °C	
	Presión	Presión Barométrica	96AP 1A/1B	1003,7 mbar	1	Barómetro Digital	± 0,01%	0,0042 % / °C	0,0000	361	0,0189	1,960	0,03707963	0,00170401	0,00170401		0,075%	
	Presión	Presión Entrada al Compresor	AFPCS	1003,7 mbar	1		± 0,01%	0,0042 % / %	0,0000	61	0,0667	2,0	0,13344449	0,01894600	0,01894600		0,075%	
	POTENCIA CORREGIDA														SUMA	0,021334	0,1460614	0,800%
	CONSUMO ESPECÍFICO NETO CORREGIDO	Humedad	Humedad Relativa Entrada al Compresor	Estación Meteorológica	70%	1	VAISALA HMT360/HMP363	± 0,03%	0,0000002 % / %	0,0000000	361	0,0108	1,960	0,02111	0,0004458	0,0004458		2,0%
Temperatura		Temperatura Ambiente Entrada al Compresor	Estación Meteorológica	15 °C	1	VAISALA HMT360/HMP363	± 1,7 °C	0,00094 % / %	0,00000254	361	0,0074	1,960	0,01449	0,0002379	0,0002404		0,6 °C	
Presión		Presión Barométrica	96AP 1A/1B	1003,7 mbar	1	Barómetro Digital	± 0,01%	0,00247 % / %	0,00000000	361	0,0189	1,960	0,03708	0,0015643	0,0015643		0,075%	
Presión		Presión Entrada al Compresor	AFPCS	1003,7 mbar	1		± 0,01%	0,0025 % / %	0,0000000000	61	0,0667	2,0	0,13344	0,0184732	0,0184732		0,075%	
Consumo Especifico Neto															0,01364			
CONSUMO ESPECÍFICO NETO CORREGIDO														SUMA	0,03436	0,1854	1,25%	

INCERTIDUMBRE NEH2 CICLO COMBINADO DIESEL
195MW



INCERTIDUMBRE																	
PARÁMETRO	MEDIDA	PUNTO DE MEDIDA		Valor Típico de la Medición	CANTIDAD DE INSTRUMENTOS	CLASE DE INSTRUMENTO	INCERTIDUMBRE SISTEMÁTICA U_{Bk}	SENSIBILIDAD θ	$(U_{Bk} * \theta)^2$	CANTIDAD DE DATOS	DESVIACIÓN ESTÁNDAR, s_x	DISTRIBUCIÓN STUDENT, k	INCERTIDUMBRE ALEATORIA U_{kRx}	$(U_{kRx} * \theta)^2$	INCERTIDUMBRE TOTAL, U_{Tj}^2	INCERTIDUMBRE DE LA PRUEBA	INCERTIDUMBRES MÁXIMA PERMITIDA DE LA MEDICIÓN
		NOMBRE	PUNTO														
POTENCIA	POTENCIA NETA Turbina a Gas	POTENCIA NETA TG 2 ION 7650 PJ - 0911A506-02	S/E San Luis Punto N2	230 MW	3	TP	± 0,07%	0,6589 % / %	0,0000001929						0,00000019		
					3	TC	± 0,07%	0,6589 % / %	0,0000001929					0,00000019			
					1	Medidor de Energía	± 0,009%	0,6589 % / %	0,0000000035	61	0,0041	2,0	0,00812	0,00002866	0,00002866		
	POTENCIA NETA Turbina a Vapor	POTENCIA NETA TV 2 ION 7650 PJ - 0911A857-02	S/E San Luis Punto N2	230 MW	3	TP	± 0,07%	0,3863 % / %	0,0000000663						0,00000001		
					3	TC	± 0,07%	0,3863 % / %	0,0000000663					0,00000001			
					1	Medidor de Energía	± 0,009%	0,3863 % / %	0,0000000012	61	0,0047	2,0	0,00939	0,0036261	0,0036261		
POTENCIA NETA														SUMA	0,003655	0,0605	0,25%
POTENCIA	POTENCIA BRUTA Turbina a Gas	POTENCIA BRUTA TG 2 ION 8600 PT - 1106B209-01	BORNES DEL GENERADOR TRANSITORIO	230 MW	3	TP	± 0,067%	0,00939 % / %	0,00000%						0,00000%		
					3	TC	± 0,067%	0,00939 % / %	0,00000%					0,00000%			
					1	Medidor de Energía	± 0,027%	0,00939 % / %	0,000000%	61	0,0031	2,0	0,00617	0,0058%	0,00579%		
	POTENCIA BRUTA Turbina a Vapor	POTENCIA BRUTA TV 2 ION 8600 PT - 1012A395-01	BORNES DEL GENERADOR TRANSITORIO	230 MW	3	TP	± 0,067%	0,04442 % / %	0,00000%						0,00000%		
					3	TC	± 0,067%	0,0444 % / %	0,00000%					0,00000%			
					1	Medidor de Energía	± 0,078%	0,04442 % / %	0,000000%	61	0,04582	2,0	0,09163	0,4070%	0,40699%		
POTENCIA BRUTA														SUMA	0,41278%	0,0642	0,25%

**INCERTIDUMBRE NEH2 CICLO COMBINADO DIESEL
195MW**



INCERTIDUMBRE																		
PARÁMETRO	MEDIDA	PUNTO DE MEDIDA		Valor Típico de la Medición	CANTIDAD DE INSTRUMENTOS	CLASE DE INSTRUMENTO	INCERTIDUMBRE SISTEMÁTICA U_{Bx}	SENSIBILIDAD θ	$(U_{Bx} \cdot \theta)^2$	CANTIDAD DE DATOS	DESVIACIÓN ESTÁNDAR, S_x	DISTRIBUCIÓN STUDENT, k	INCERTIDUMBRE ALEATORIA U_{kx}	$(U_{kx} \cdot \theta)^2$	INCERTIDUMBRE TOTAL, $U_{T,x}^2$	INCERTIDUMBRE DE LA PRUEBA	INCERTIDUMBRES MÁXIMA PERMITIDA DE LA MEDICIÓN	
		NOMBRE	PUNTO															
ENTRADA DE CALOR	FLUJO	FLUJO DE DIESEL A LA TG	12CF201	80.000 lt/h	1	Coriolis Micro-Motion	± 0,02%	0,99410 % / %	0,000004%	721	0,0021	1,960	0,00409	0,004068976	0,004069015			
	Poder Calorífico Superior	Muestra desde línea de diesel	Descarga Bomba	42,96 MJ/kg		Análisis	0,169 MJ/kg	0,00393 % / %	0,00004%	NA	NA	NA	NA		0,000000442			
	ENTRADA DE CALOR														SUMA	0,004069	0,0638	0,65%
CONSUMO ESPECÍFICO NETO	POTENCIA NETA															0,0037		0,25%
	ENTRADA DE CALOR															0,0041		0,65%
	CONSUMO ESPECÍFICO NETO														SUMA	0,0077	0,0879	1,25%
POTENCIA CORREGIDA	FACTOR DE POTENCIA	FACTOR DE POTENCIA TG 2 ION 8600 PT - 1106B209-01	BORNES DEL GENERADOR TRANSITORIO	0,85 [-]	3	TP	± 0,086%	0,00760 % / %	0,000000004%						0,00000000042			
						TC	± 0,086%	0,0076 % / %	0,000000004%					0,00000000042				
						Medidor de Energía	± 0,086%	0,00760 % / %	0,000000004%	61	0,0073	2,0	0,01468	0,0000001246	0,00000012498			
	FACTOR DE POTENCIA	FACTOR DE POTENCIA Turbina a Vapor 2 ION 8600 PT - 1012A395-01	BORNES DEL GENERADOR TRANSITORIO	0,85 [-]	3	TP	± 0,122%	0,00512 % / %	0,0000000%						0,00000000039			
						TC	± 0,122%	0,00512 % / %	0,0000000%					0,00000000039				
						Medidor de Energía	± 0,122%	0,00512 % / %	0,0000000%	61	0,0014	2,0	0,00288	0,0000000022	0,00000000256			
	POTENCIA	POTENCIA NETA TG 2 ION 7650 PT - 1106B209-01	S/E San Luis Punto N2 FACTURACIÓN	250 MW	3	TP	± 0,067%	0,0163 % / %	0,00000%						0,00000000012			
						TC	± 0,067%	0,0163 % / %	0,00000%					0,00000000012				
						Medidor de Energía	± 0,027%	0,0163 % / %	0,000000%	61	0,0041	2,0	0,00812450196	0,00000001754	0,00000001756		0,25%	
	POTENCIA	POTENCIA NETA Turbina a Vapor 2 ION 7650 PT - 1012A395-01	S/E San Luis Punto N4 FACTURACIÓN	130 MW	3	TP	± 0,067%	0,0132 % / %	0,000000%						0,000000000			
						TC	± 0,067%	0,0132 % / %	0,000000%					0,000000000				
						Medidor de Energía	± 0,078%	0,0132 % / %	0,000000%	61	0,0047	2,0	0,00938685	0,00000002	0,00000002		0,25%	
	Humedad	Humedad Relativa Entrada al Compresor	Estación Meteorológica	70%	1	VAISALA HMT360/HMP363	± 0,01%	0,0000002 % / %	0,000000%	361	0,0096	1,960	0,01890546	0,00035742	0,00035742		2,00%	
	Temperatura	Temperatura Ambiente Entrada al Compresor	Estación Meteorológica	15 °C	1	VAISALA HMT360/HMP363	± 0,01%	0,0009 % / °C	0,0000	361	0,0092	1,960	0,01802649	0,00035981	0,00035981		0,60 °C	
	Presión	Presión Barométrica	96AP 1A/1B	1003,7 mbar	1	Barómetro Digital	± 0,01%	0,0042 % / °C	0,0000	361	0,0183	1,960	0,03586578	0,00160527	0,00160527		0,075%	
Presión	Presión Entrada al Compresor	AFPCS	1003,7 mbar	1		± 0,01%	0,0042 % / %	0,0000	61	0,0667	2,0	0,13344449	0,01894600	0,01894600		0,075%		
POTENCIA CORREGIDA														SUMA	0,021269	0,1458374	0,800%	
CONSUMO ESPECÍFICO NETO CORREGIDO	Humedad	Humedad Relativa Entrada al Compresor	Estación Meteorológica	70%	1	VAISALA HMT360/HMP363	± 0,03%	0,0000002 % / %	0,0000000	361	0,0096	1,960	0,01891	0,0003574	0,0003574		2,0%	
	Temperatura	Temperatura Ambiente Entrada al Compresor	Estación Meteorológica	15 °C	1	VAISALA HMT360/HMP363	± 1,7 °C	0,00094 % / %	0,00000254	361	0,0092	1,960	0,01803	0,0003596	0,0003622		0,6 °C	
	Presión	Presión Barométrica	96AP 1A/1B	1003,7 mbar	1	Barómetro Digital	± 0,01%	0,00247 % / %	0,00000000	361	0,0183	1,960	0,03587	0,0014698	0,0014698		0,075%	
	Presión	Presión Entrada al Compresor	AFPCS	1003,7 mbar	1		± 0,01%	0,0025 % / %	0,000000000	61	0,0667	2,0	0,13344	0,0184732	0,0184732		0,075%	
	Consumo Especifico Neto														SUMA	0,00772		
CONSUMO ESPECÍFICO NETO CORREGIDO														SUMA	0,02839	0,1685	1,25%	



Capítulo 4 Resultados

En la Tabla 4-1 se presentan un cuadro resumen con los resultados obtenidos en la prueba. Los datos se ordenaron por escalón de carga en orden descendentes. La tabla se divide verticalmente en tres secciones, la primera se refiere a la configuración utilizada, la segunda a la potencia neta medida y corregida y la tercera al consumo específico neto medido y corregido.

El consumo específico está basado en el Poder Calorífico Superior del combustible como lo solicita el Anexo Técnico.

Durante la prueba se cumplió con el límite de emisiones, que para el caso del gas natural es 200 mg/Nm³ de NOx según el DS N°13.

Tabla 4-1 POTENCIA NETA Y CONSUMO ESPECÍFICO

CONFIGURACIÓN	CICLO COMBINADO	POTENCIA NETA kW			CONSUMO ESPECÍFICO kcal/kWh			EMISIONES
		MEDIDO	CORREGIDO	INCERTIDUMBRE < 0.25%	MEDIDO	CORREGIDO	INCERTIDUMBRE < 1,25%	NOX mg/Nm ³
COMBUSTIBLE DIESEL								LÍMITE 200 [mg/Nm ³]
Escalón 395 kW	DIESEL	388.739	394.003	± 0,0531%	1.788	1.788	± 0,1320%	71,21
Escalón 360 kW	DIESEL	353.942	358.811	± 0,0575%	1.795	1.796	± 0,1743%	87,65
Escalón 325 kW	DIESEL	317.746	322.974	± 0,0603%	1.811	1.810	± 0,2062%	89,68
Escalón 290 kW	DIESEL	283.501	289.957	± 0,0622%	1.823	1.820	± 0,2020%	80,49
Escalón 255 kW	DIESEL	249.176	258.172	± 0,0698%	1.872	1.870	± 0,1837%	87,00
Escalón 225 kW	DIESEL	218.947	226.710	± 0,0646%	1.929	1.927	± 0,1854%	82,74
Escalón 195 kW	DIESEL	188.754	194.531	± 0,0605%	2.028	2.027	± 0,1685%	50,55

OPERACIÓN y MANTENIMIENTO INDUSTRIAL

Flujo Energía Limitada

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Tabla 4-2 POTENCIA BRUTA

ESCALÓN	395	360	325	290	255	225	195
POTENCIA BRUTA CICLO COMBINADO MEDIDA [kW]	396.731	361.862	325.076	290.623	255.794	225.195	194.757
POTENCIA BRUTA CICLO COMBINADO CALCULADA [kW]	396.192	361.292	324.543	290.623	255.419	224.812	194.425
POTENCIA BRUTA CORREGIDA [kW]	401.456	366.161	329.771	296.602	264.416	232.575	200.202
INCERTIDUMBRE	±0,0190%	±0,0201%	±0,0231%	±0,0226%	±0,0751%	±0,0686%	±0,0642%

OPERACIÓN y MANTENIMIENTO INDUSTRIAL

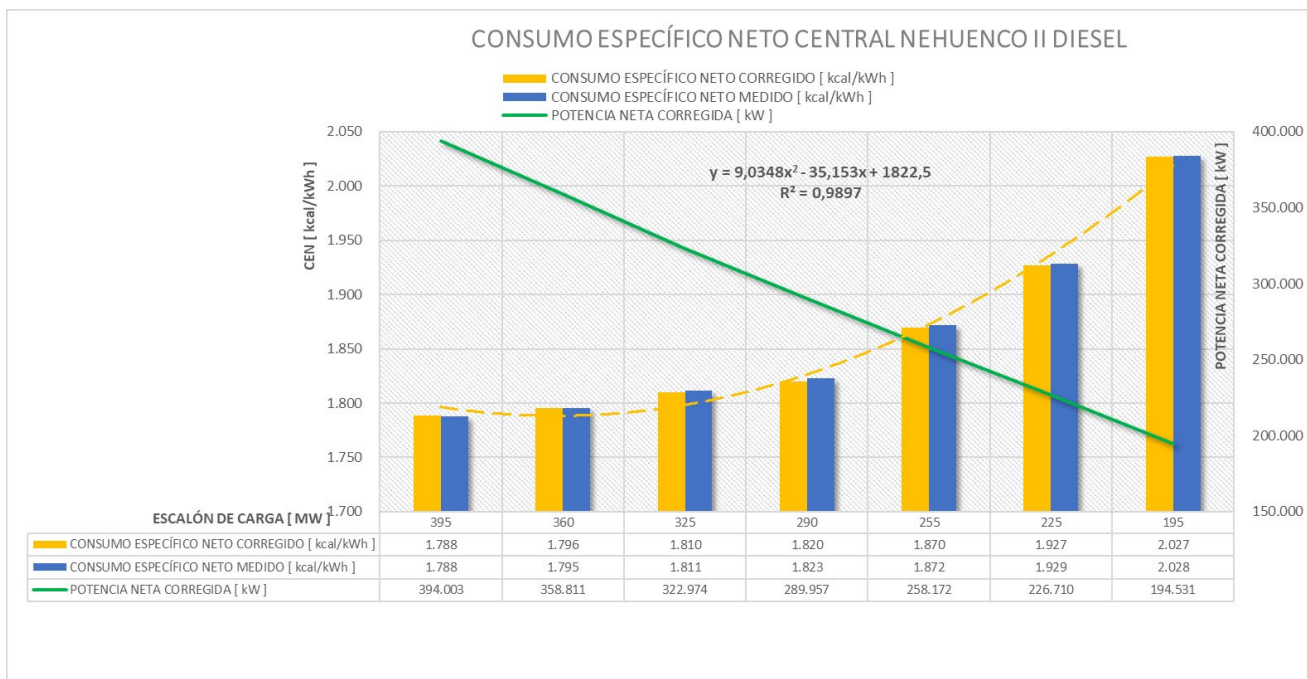
Flujo Energía Limitada

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Capítulo 5 Conclusiones

La Prueba de Consumo Específico se realizó siguiendo las indicaciones del protocolo de prueba y dando cumplimiento cabal a las directrices dadas en el Anexo Técnico Determinación de Consumos Específicos en Unidades Generadoras.

Gráfico 5-1 Potencia Neta Corregida versus Consumo Específico Neto

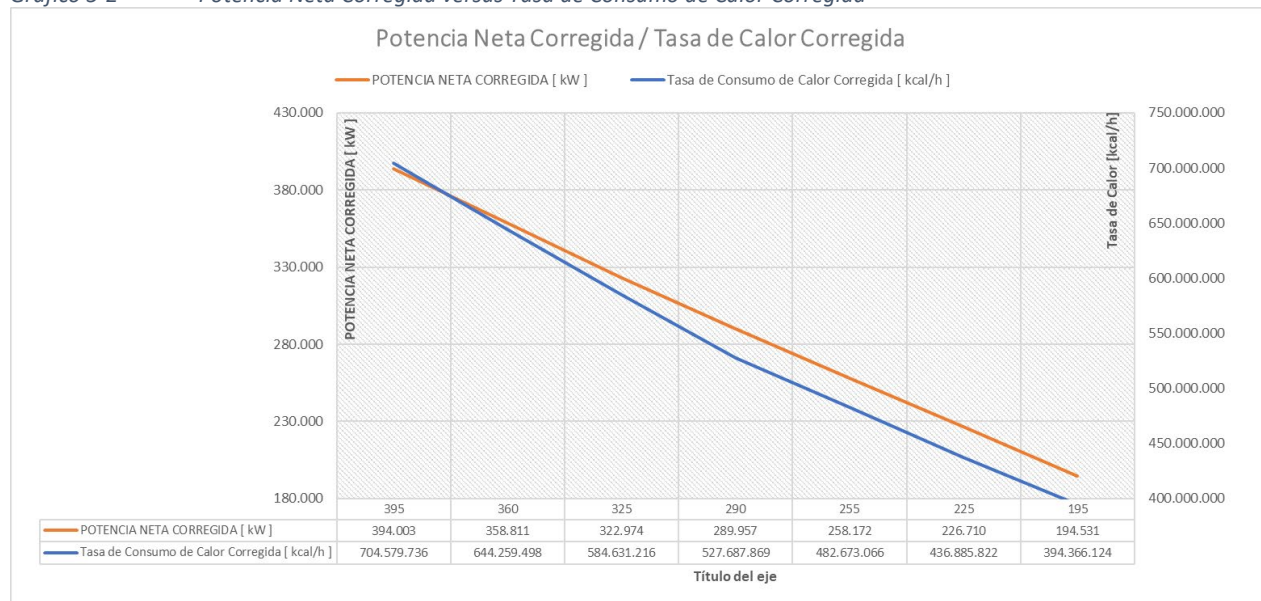


En el Gráfico 5-1 que representa el consumo específico versus la potencia neta en la configuración ciclo combinado con combustible líquido Diesel, se aprecia que el consumo específico medido y el consumo específico corregido se mueven perfectamente en paralelo y va aumentando a medida que la potencia neta disminuye; lo cual, es consistente con el comportamiento esperado.



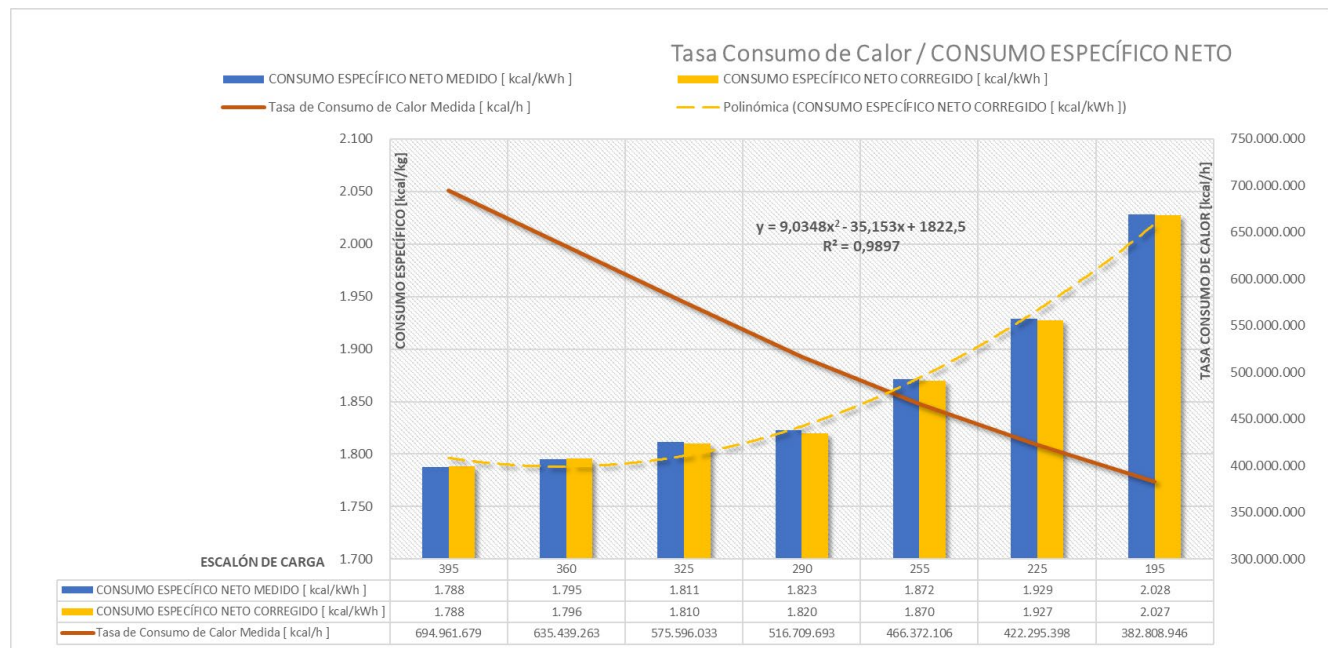
En el Gráfico 5-2 se compara la pendiente de la curva de la potencia neta corregida con la tasa de consumo de calor corregida. Es posible apreciar que mientras la potencia baja con una pendiente más inclinada la tasa de calor lo hace con una inclinación menos pronunciada, indicando el aumento en el consumo específico a medida que la potencia disminuye.

Gráfico 5-2 Potencia Neta Corregida versus Tasa de Consumo de Calor Corregida



Por último, el Gráfico 5-3 representa la tasa de consumo de calor versus el consumo específico; en este gráfico se puede notar que a pesar de que el consumo de calor disminuye, el consumo específico aumenta.

Gráfico 5-3 Tasa de Consumo de Calor versus Consumo Específico Neto





Capítulo 6 Apéndices

- A – 1 Curvas de Corrección
- A – 2 Certificados de Contrastación de Instrumentos
- A – 3 Protocolos de Análisis de Combustibles
- A – 4 Protocolo de Mediciones
- A – 5 Esquemas de Mediciones Principales
- A – 6 Esquema de Balances Térmicos



A – 1 Curvas de Corrección

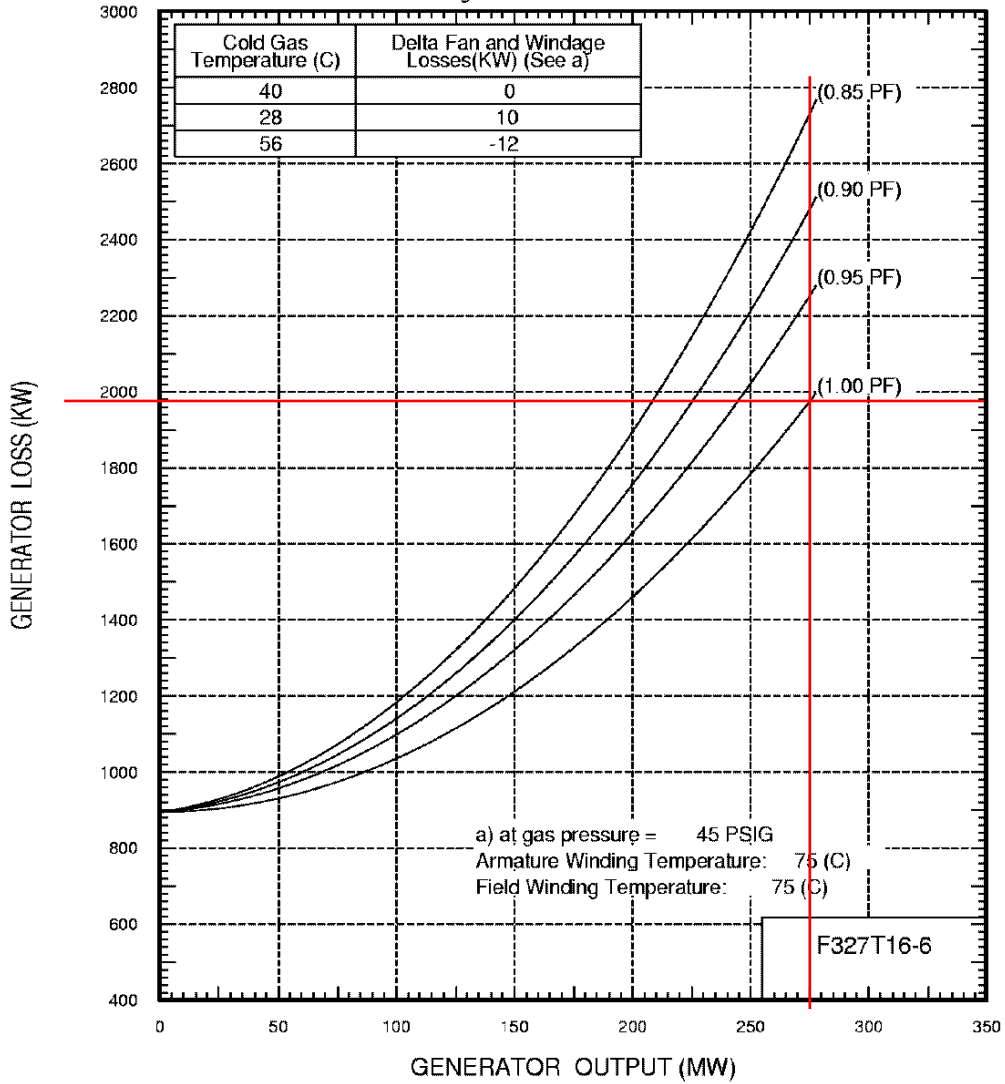
OPERACIÓN y MANTENIMIENTO INDUSTRIAL

Flujo Energía Limitada

Nueva York 53 Oficina 61 - Santiago

GENERATOR LOSS CURVE

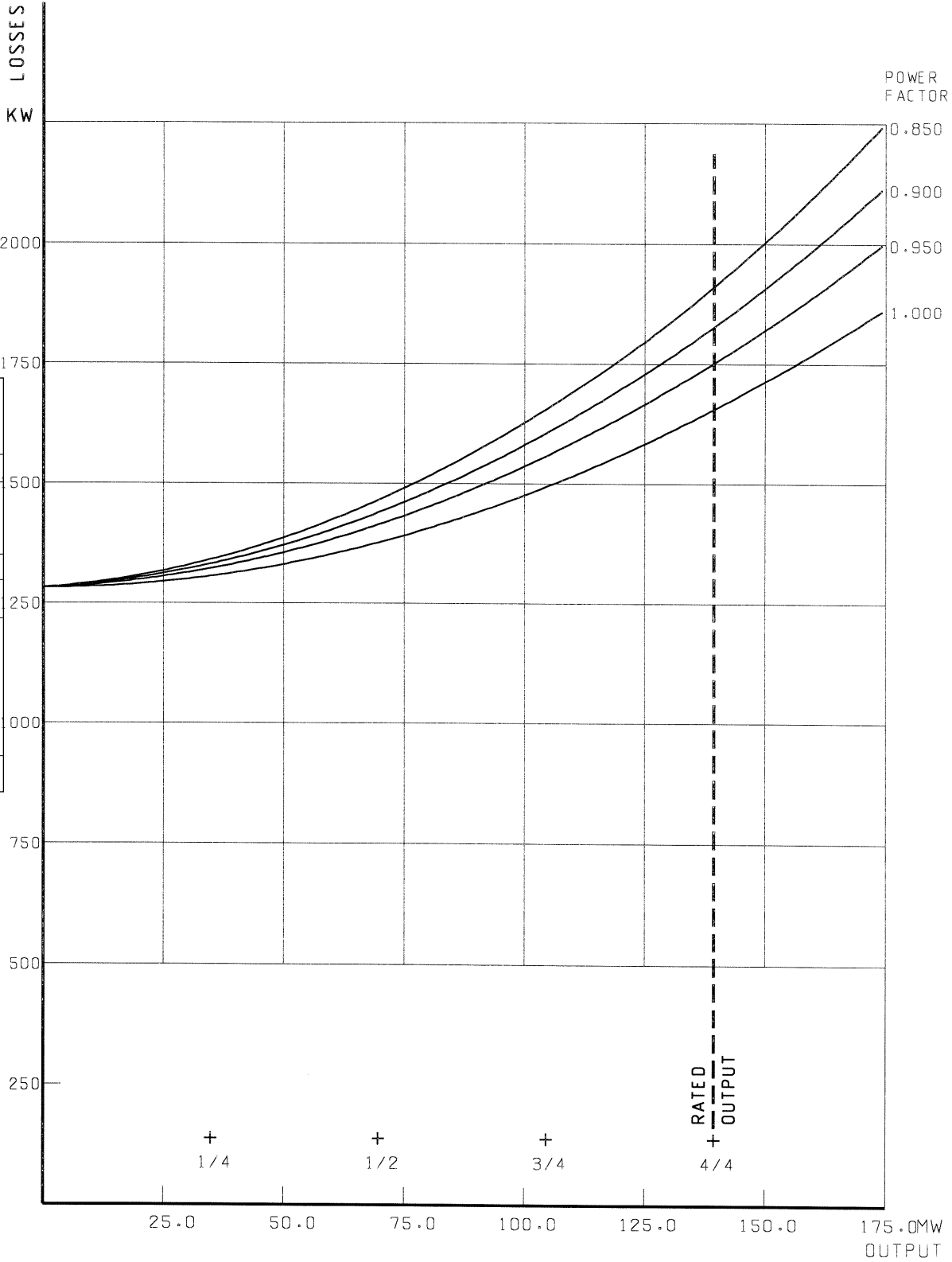
2 Pole 3000 RPM 300000 kVA 15750 Volts 0.850 PF
 0.490 SCR 45.00 PSIG H2 Pressure 670 Volts Excitation
 40 Deg. C Cold Gas 240 Ft. Altitude



GENERAL ELECTRIC COMPANY GE POWER GENERATION SCHENECTADY, NY	SIZE A	CAGE CODE	DWG NO 378A3086
DRAWN R.S.Conkey			
ISSUED	SCALE		SHEET 11

SIZE A	DWG NO 378A3086	SH 12	REV -
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Dept. Document No. Type Rev. Released Eng. Status
 4200 GME1030218 DT - 2002-07-22 DE Approved



GM028 V14.01.01(1100)

Revision	0 / 22-07-02 09:17	Prep.: Samhammer Sam	Check: [Signature]	Appr.: [Signature]	3
ALSTOM NEHUENCO II 164000 kVA pf = 0.850		GENERATOR LOSSES 50WY21Z-092 15750 V 50 Hz 3000 rpm Air inlet temperature 40 °C		Dept. SG103 ORDER: 5200318 GME 1 030 218	
		Doc. I Fmt. Lang. Sheet Nr. Shis DT A4 EN 1 1			

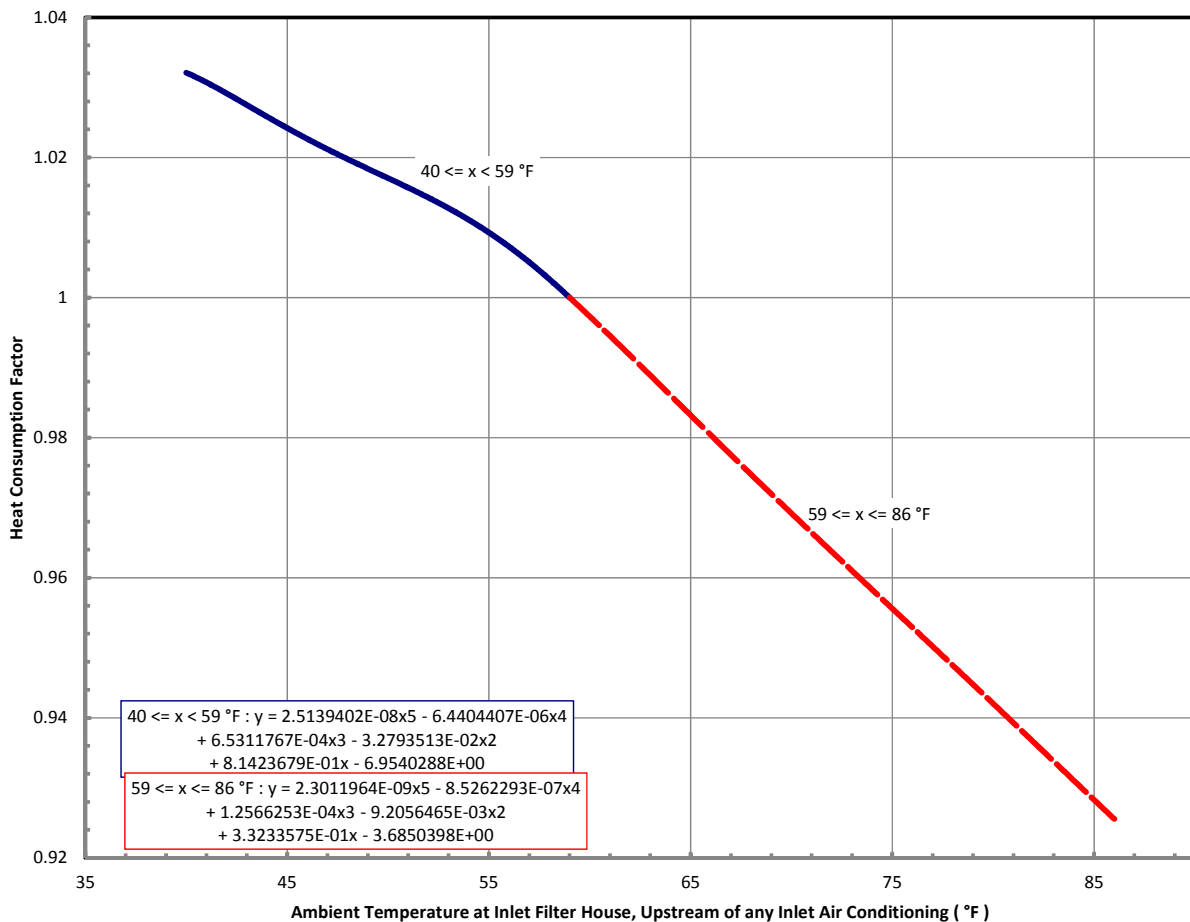
Gas Fuel Post-Outage Correction Curves

Colburn STAG109FA MS Combined Cycle Net Plant Performance Estimated Heat Consumption vs. Ambient Temperature

Rating Point Basis:

One(1) Gas turbine 9FA.04 at Stable, Steady State Base Load
 Fuel is Natural Gas
 Ambient Temperature = 59 °F
 Barometric Pressure = 14.58 psia
 Relative Humidity = 70 %
 GT & ST Generator Frequency = 50 Hz
 Power Factor = 0.85
 GT Inlet Pressure Drop = 3 inH2O
 Steam Turbine Backpressure = 0.88 psia
 Fuel LHV @ 77 °F = 21458.8 Btu/lb
 Fuel composition (mole %): N2=0.0096, CH4=97.8198, C2H6=1.813, C3H8=0.2943,
 C4H10=0.0571, C5H12=0.0058, C6H14=0.0003
 H/C = Apparent Fuel Hydrogen to Carbon atom ratio in combustibles
 =Sum [(mole %) x (# of H atoms)] / Sum [(mole %) x (# of C atoms)]
 Fuel is assumed to be dry.

Corrections are valid only within the range shown on the curve and assume no alarm limits have been reached.



Drawing No. 16Q-159
 By: Chris Logan



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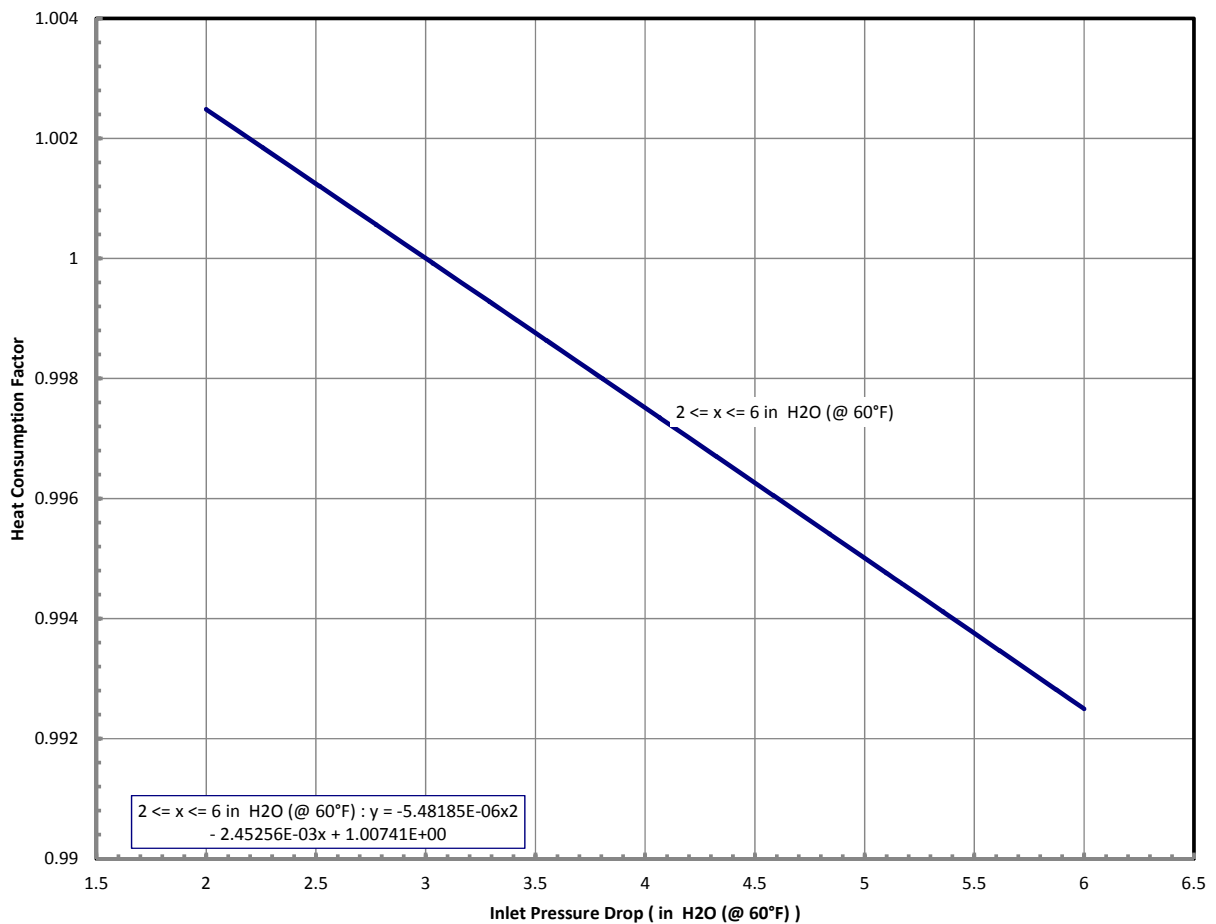
Gas Fuel Post-Outage Correction Curves

Colburn STAG109FA MS Combined Cycle Net Plant Performance Estimated Heat Consumption vs. Inlet Pressure Drop

Rating Point Basis:

One(1) Gas turbine 9FA.04 at Stable, Steady State Base Load
 Fuel is Natural Gas
 Ambient Temperature = 59 °F
 Barometric Pressure = 14.58 psia
 Relative Humidity = 70 %
 GT & ST Generator Frequency = 50 Hz
 Power Factor = 0.85
 GT Inlet Pressure Drop = 3 inH2O
 Steam Turbine Backpressure = 0.88 psia
 Fuel LHV @ 77 °F = 21458.8 Btu/lb
 Fuel composition (mole %): N2=0.0096, CH4=97.8198, C2H6=1.813, C3H8=0.2943,
 C4H10=0.0571, C5H12=0.0058, C6H14=0.0003
 H/C = Apparent Fuel Hydrogen to Carbon atom ratio in combustibles
 =Sum [(mole %) x (# of H atoms)] / Sum [(mole %) x (# of C atoms)]
 Fuel is assumed to be dry.

Corrections are valid only within the range shown on the curve and assume no alarm limits have been reached.



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By: Chris Logan



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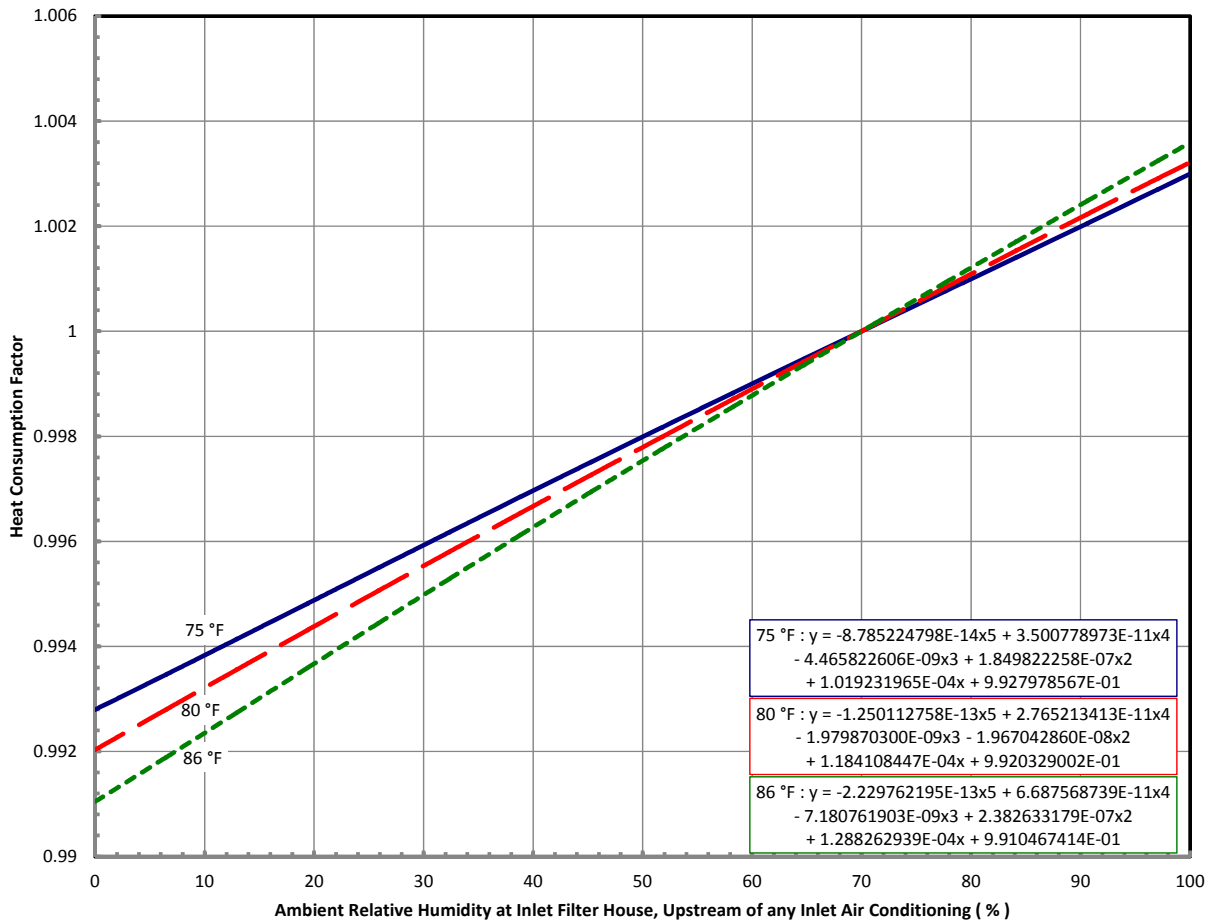
Gas Fuel Post-Outage Correction Curves

Colburn STAG109FA MS Combined Cycle Net Plant Performance Estimated Heat Consumption vs. Ambient Relative Humidity High Ambient Temperature

Rating Point Basis:

One(1) Gas turbine 9FA.04 at Stable, Steady State Base Load
 Fuel is Natural Gas
 Ambient Temperature = 59 °F
 Barometric Pressure = 14.58 psia
 Relative Humidity = 70 %
 GT & ST Generator Frequency = 50 Hz
 Power Factor = 0.85
 GT Inlet Pressure Drop = 3 inH2O
 Steam Turbine Backpressure = 0.88 psia
 Fuel LHV @ 77 °F = 21458.8 Btu/lb
 Fuel composition (mole %): N2=0.0096, CH4=97.8198, C2H6=1.813, C3H8=0.2943,
 C4H10=0.0571, C5H12=0.0058, C6H14=0.0003
 H/C = Apparent Fuel Hydrogen to Carbon atom ratio in combustibles
 =Sum [(mole %) x (# of H atoms)] / Sum [(mole %) x (# of C atoms)]
 Fuel is assumed to be dry.

Corrections are valid only within the range shown on the curve and assume no alarm limits have been reached.



Drawing No. 16Q-165
 By: Chris Logan



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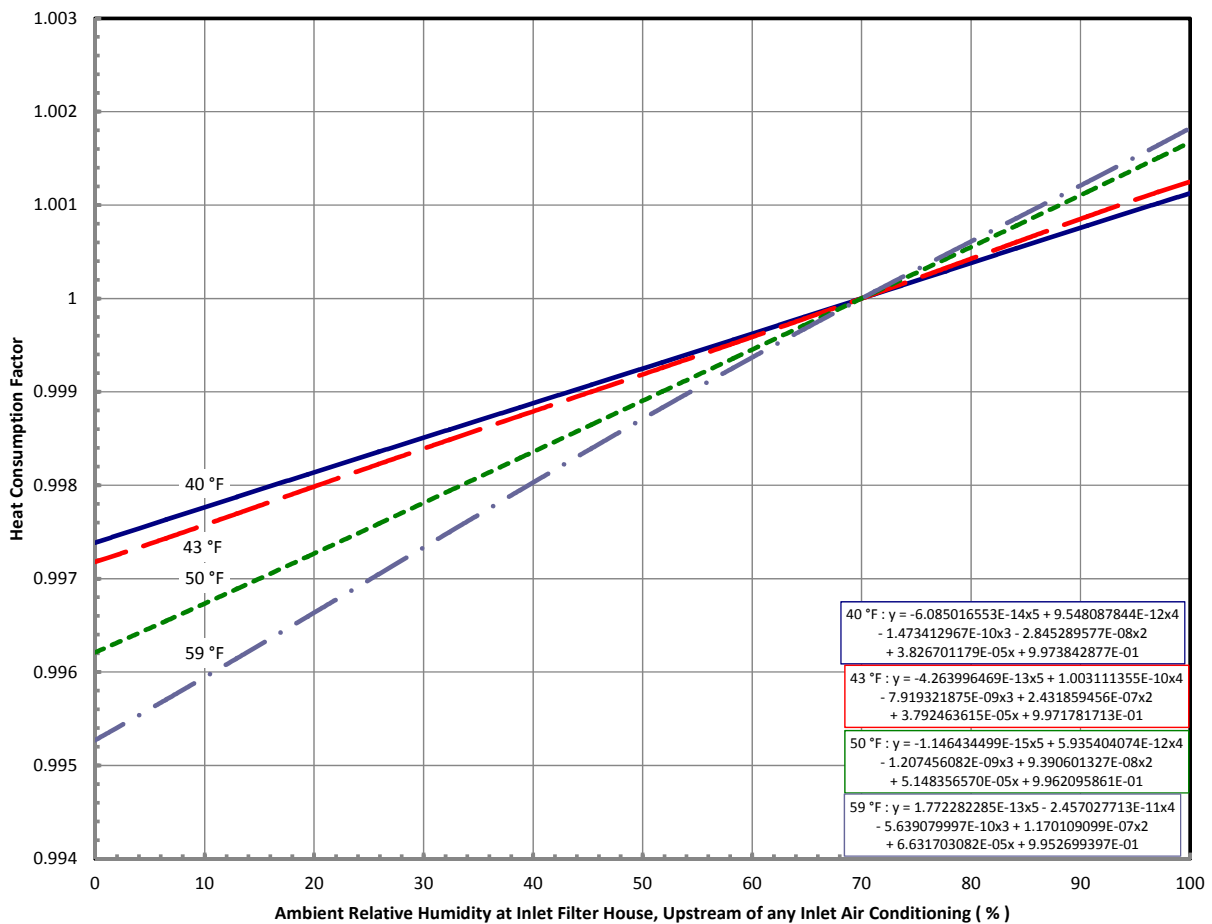
Gas Fuel Post-Outage Correction Curves

Colburn STAG109FA MS Combined Cycle Net Plant Performance Estimated Heat Consumption vs. Ambient Relative Humidity Low Ambient Temperature

Rating Point Basis:

One(1) Gas turbine 9FA.04 at Stable, Steady State Base Load
 Fuel is Natural Gas
 Ambient Temperature = 59 °F
 Barometric Pressure = 14.58 psia
 Relative Humidity = 70 %
 GT & ST Generator Frequency = 50 Hz
 Power Factor = 0.85
 GT Inlet Pressure Drop = 3 inH2O
 Steam Turbine Backpressure = 0.88 psia
 Fuel LHV @ 77 °F = 21458.8 Btu/lb
 Fuel composition (mole %): N2=0.0096, CH4=97.8198, C2H6=1.813, C3H8=0.2943,
 C4H10=0.0571, C5H12=0.0058, C6H14=0.0003
 H/C = Apparent Fuel Hydrogen to Carbon atom ratio in combustibles
 =Sum [(mole %) x (# of H atoms)] / Sum [(mole %) x (# of C atoms)]
 Fuel is assumed to be dry.

Corrections are valid only within the range shown on the curve and assume no alarm limits have been reached.



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 By: Chris Logan



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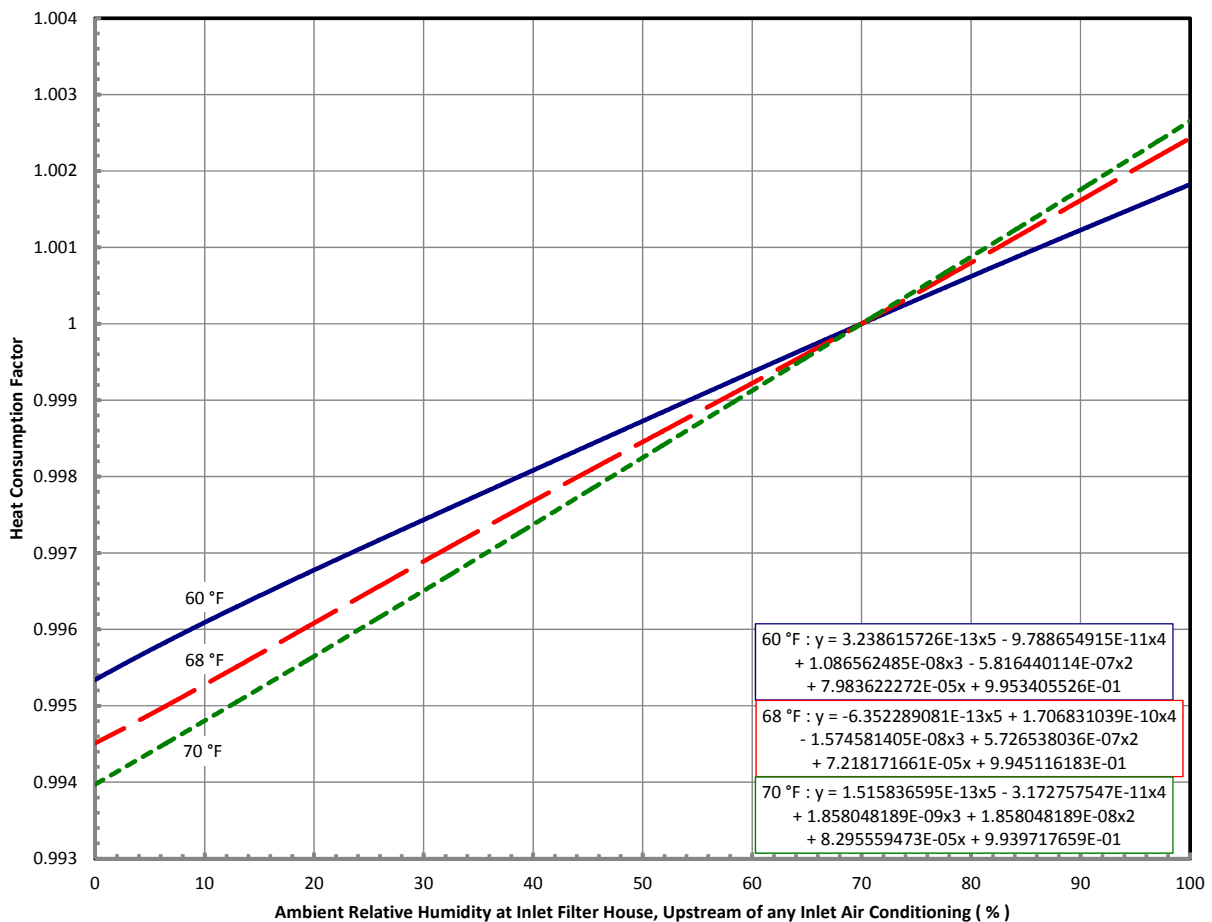
Gas Fuel Post-Outage Correction Curves

Colburn STAG109FA MS Combined Cycle Net Plant Performance Estimated Heat Consumption vs. Ambient Relative Humidity Mid Ambient Temperature

Rating Point Basis:

One(1) Gas turbine 9FA.04 at Stable, Steady State Base Load
 Fuel is Natural Gas
 Ambient Temperature = 59 °F
 Barometric Pressure = 14.58 psia
 Relative Humidity = 70 %
 GT & ST Generator Frequency = 50 Hz
 Power Factor = 0.85
 GT Inlet Pressure Drop = 3 inH2O
 Steam Turbine Backpressure = 0.88 psia
 Fuel LHV @ 77 °F = 21458.8 Btu/lb
 Fuel composition (mole %): N2=0.0096, CH4=97.8198, C2H6=1.813, C3H8=0.2943,
 C4H10=0.0571, C5H12=0.0058, C6H14=0.0003
 H/C = Apparent Fuel Hydrogen to Carbon atom ratio in combustibles
 =Sum [(mole %) x (# of H atoms)] / Sum [(mole %) x (# of C atoms)]
 Fuel is assumed to be dry.

Corrections are valid only within the range shown on the curve and assume no alarm limits have been reached.



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 By: Chris Logan



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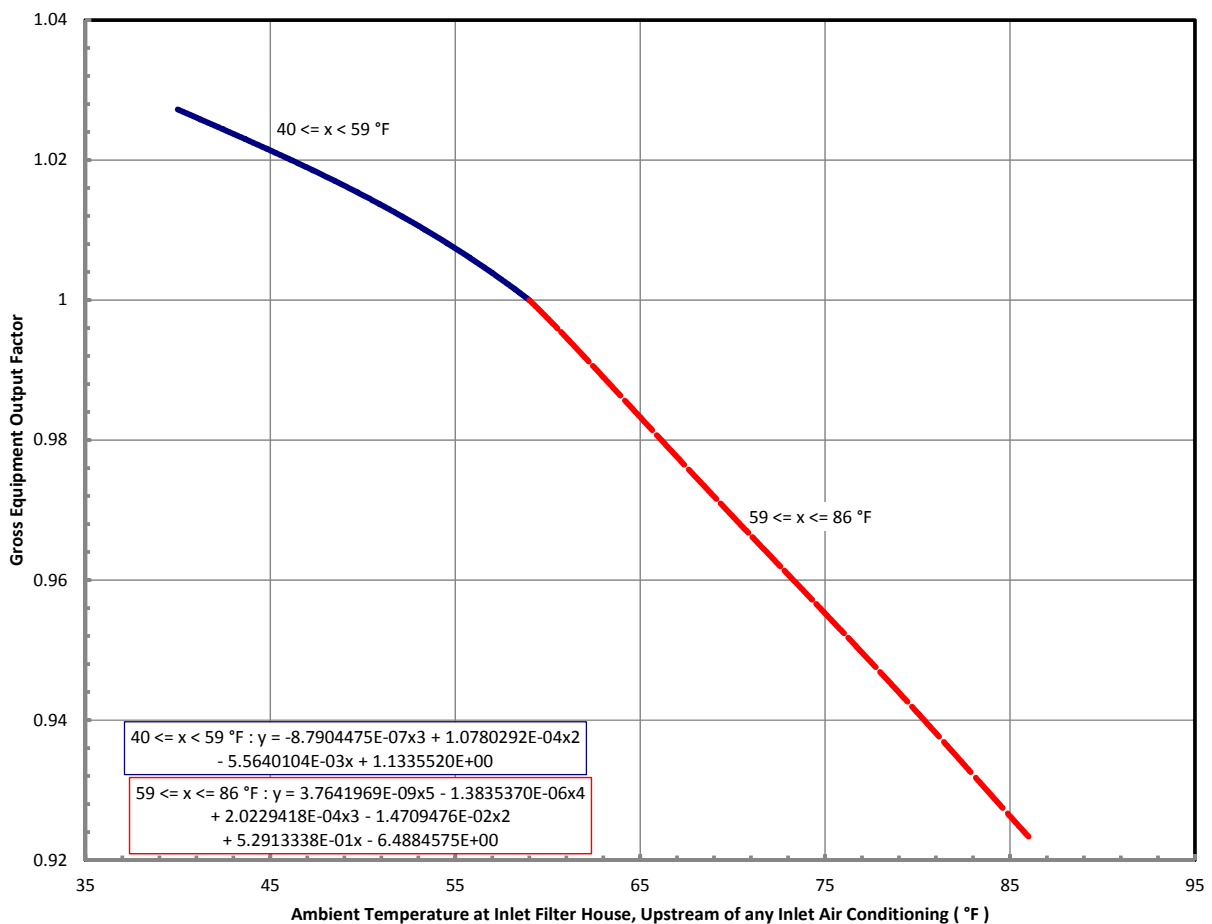
Gas Fuel Post-Outage Correction Curves

Colburn STAG109FA MS Combined Cycle Net Plant Performance Estimated Gross Equipment Output vs. Ambient Temperature

Rating Point Basis:

One(1) Gas turbine 9FA.04 at Stable, Steady State Base Load
 Fuel is Natural Gas
 Ambient Temperature = 59 °F
 Barometric Pressure = 14.58 psia
 Relative Humidity = 70 %
 GT & ST Generator Frequency = 50 Hz
 Power Factor = 0.85
 GT Inlet Pressure Drop = 3 inH2O
 Steam Turbine Backpressure = 0.88 psia
 Fuel LHV @ 77 °F = 21458.8 Btu/lb
 Fuel composition (mole %): N2=0.0096, CH4=97.8198, C2H6=1.813, C3H8=0.2943,
 C4H10=0.0571, C5H12=0.0058, C6H14=0.0003
 H/C = Apparent Fuel Hydrogen to Carbon atom ratio in combustibles
 =Sum [(mole %) x (# of H atoms)] / Sum [(mole %) x (# of C atoms)]
 Fuel is assumed to be dry.

Corrections are valid only within the range shown on the curve and assume no alarm limits have been reached.



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 By: Chris Logan



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Revision 2
 20-Dec-2016

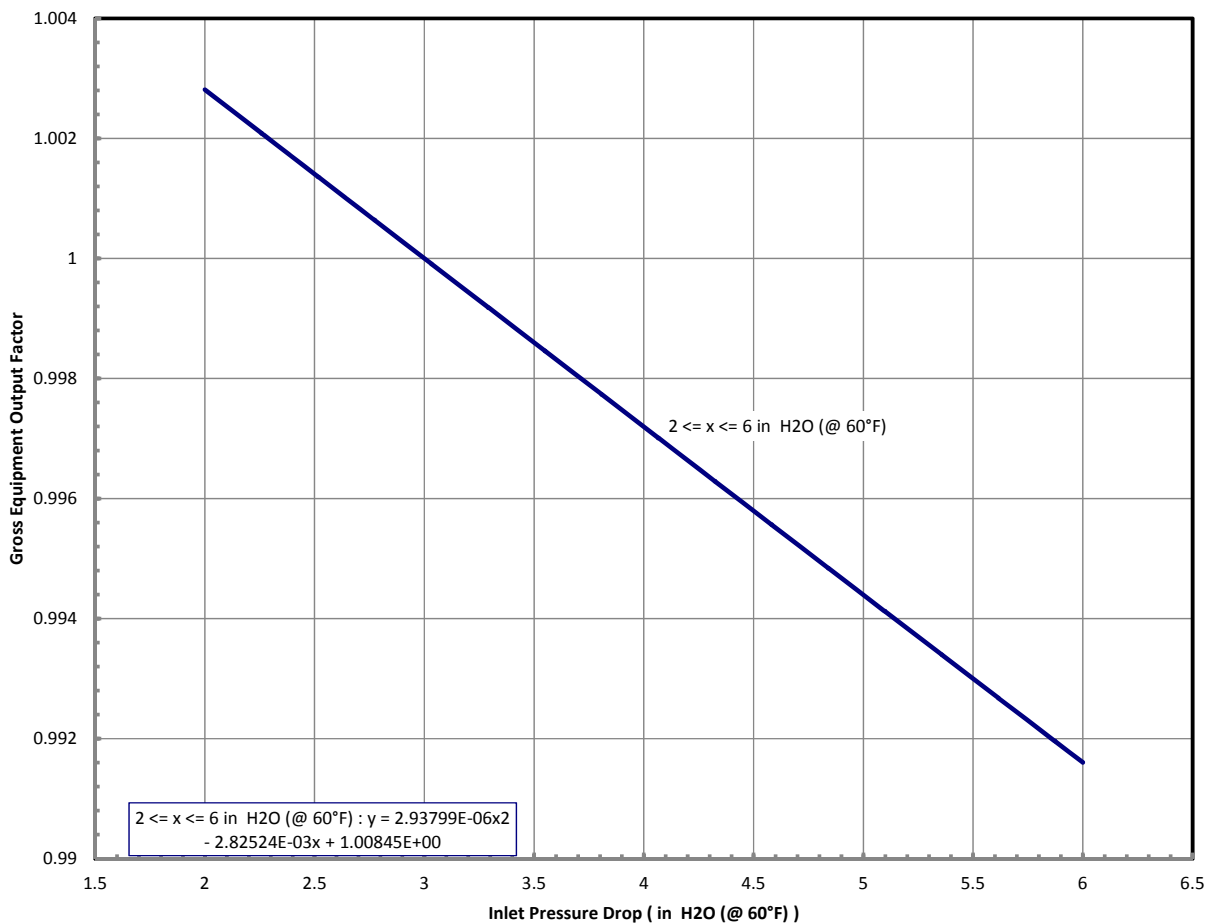
Gas Fuel Post-Outage Correction Curves

Colburn STAG109FA MS Combined Cycle Net Plant Performance Estimated Gross Equipment Output vs. Inlet Pressure Drop

Rating Point Basis:

One(1) Gas turbine 9FA.04 at Stable, Steady State Base Load
 Fuel is Natural Gas
 Ambient Temperature = 59 °F
 Barometric Pressure = 14.58 psia
 Relative Humidity = 70 %
 GT & ST Generator Frequency = 50 Hz
 Power Factor = 0.85
 GT Inlet Pressure Drop = 3 inH2O
 Steam Turbine Backpressure = 0.88 psia
 Fuel LHV @ 77 °F = 21458.8 Btu/lb
 Fuel composition (mole %): N2=0.0096, CH4=97.8198, C2H6=1.813, C3H8=0.2943,
 C4H10=0.0571, C5H12=0.0058, C6H14=0.0003
 H/C = Apparent Fuel Hydrogen to Carbon atom ratio in combustibles
 =Sum [(mole %) x (# of H atoms)] / Sum [(mole %) x (# of C atoms)]
 Fuel is assumed to be dry.

Corrections are valid only within the range shown on the curve and assume no alarm limits have been reached.



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By: Chris Logan



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20-Dec-2016

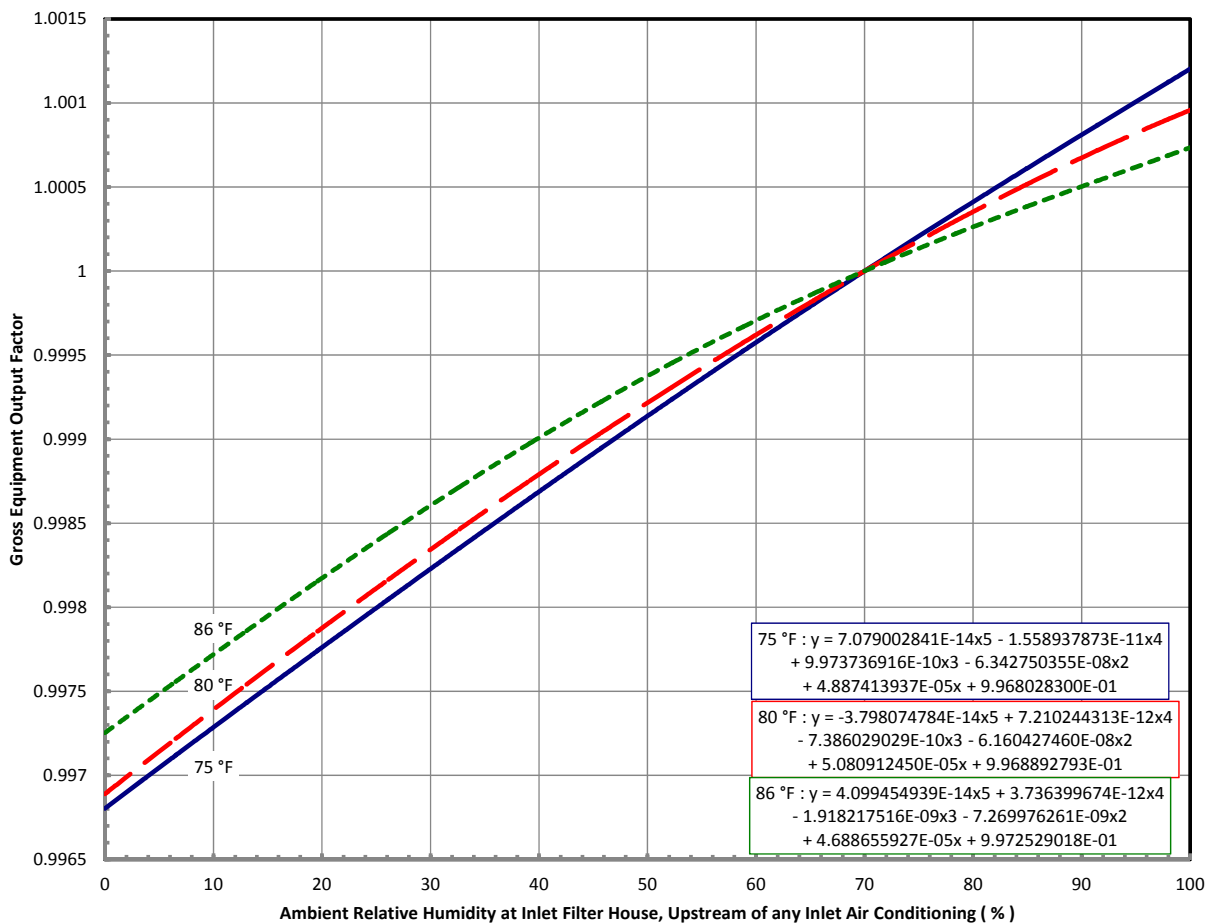
Gas Fuel Post-Outage Correction Curves

Colburn STAG109FA MS Combined Cycle Net Plant Performance Estimated Gross Equipment Output vs. Ambient Relative Humidity High Ambient Temperature

Rating Point Basis:

One(1) Gas turbine 9FA.04 at Stable, Steady State Base Load
 Fuel is Natural Gas
 Ambient Temperature = 59 °F
 Barometric Pressure = 14.58 psia
 Relative Humidity = 70 %
 GT & ST Generator Frequency = 50 Hz
 Power Factor = 0.85
 GT Inlet Pressure Drop = 3 inH2O
 Steam Turbine Backpressure = 0.88 psia
 Fuel LHV @ 77 °F = 21458.8 Btu/lb
 Fuel composition (mole %): N2=0.0096, CH4=97.8198, C2H6=1.813, C3H8=0.2943,
 C4H10=0.0571, C5H12=0.0058, C6H14=0.0003
 H/C = Apparent Fuel Hydrogen to Carbon atom ratio in combustibles
 =Sum [(mole %) x (# of H atoms)] / Sum [(mole %) x (# of C atoms)]
 Fuel is assumed to be dry.

Corrections are valid only within the range shown on the curve and assume no alarm limits have been reached.



Drawing No. 16Q-164
 By: Chris Logan



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 20-Dec-2016

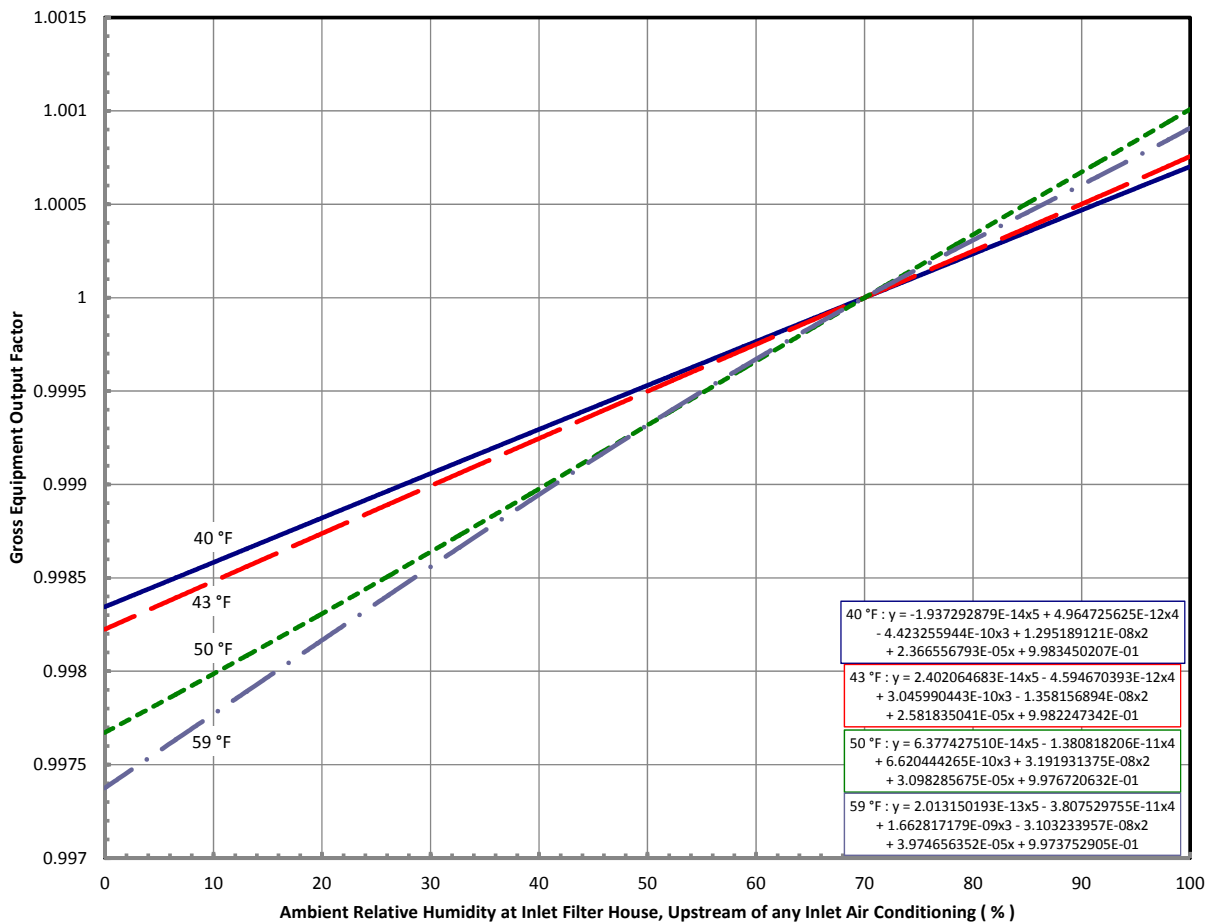
Gas Fuel Post-Outage Correction Curves

Colburn STAG109FA MS Combined Cycle Net Plant Performance Estimated Gross Equipment Output vs. Ambient Relative Humidity Low Ambient Temperature

Rating Point Basis:

One(1) Gas turbine 9FA.04 at Stable, Steady State Base Load
 Fuel is Natural Gas
 Ambient Temperature = 59 °F
 Barometric Pressure = 14.58 psia
 Relative Humidity = 70 %
 GT & ST Generator Frequency = 50 Hz
 Power Factor = 0.85
 GT Inlet Pressure Drop = 3 inH2O
 Steam Turbine Backpressure = 0.88 psia
 Fuel LHV @ 77 °F = 21458.8 Btu/lb
 Fuel composition (mole %): N2=0.0096, CH4=97.8198, C2H6=1.813, C3H8=0.2943,
 C4H10=0.0571, C5H12=0.0058, C6H14=0.0003
 H/C = Apparent Fuel Hydrogen to Carbon atom ratio in combustibles
 =Sum [(mole %) x (# of H atoms)] / Sum [(mole %) x (# of C atoms)]
 Fuel is assumed to be dry.

Corrections are valid only within the range shown on the curve and assume no alarm limits have been reached.



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 By: Chris Logan



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Revision 2
 20-Dec-2016

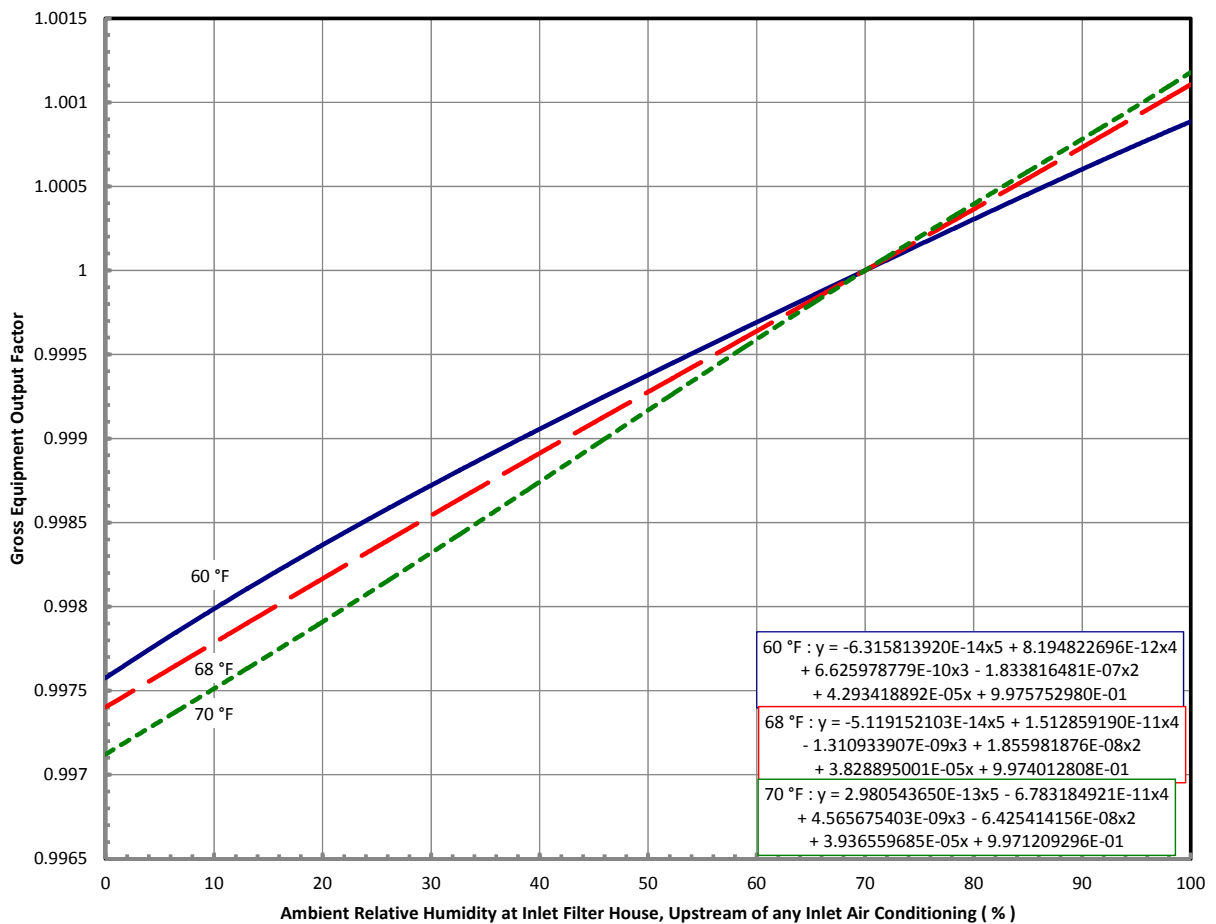
Gas Fuel Post-Outage Correction Curves

Colburn STAG109FA MS Combined Cycle Net Plant Performance Estimated Gross Equipment Output vs. Ambient Relative Humidity Mid Ambient Temperature

Rating Point Basis:

One(1) Gas turbine 9FA.04 at Stable, Steady State Base Load
 Fuel is Natural Gas
 Ambient Temperature = 59 °F
 Barometric Pressure = 14.58 psia
 Relative Humidity = 70 %
 GT & ST Generator Frequency = 50 Hz
 Power Factor = 0.85
 GT Inlet Pressure Drop = 3 inH2O
 Steam Turbine Backpressure = 0.88 psia
 Fuel LHV @ 77 °F = 21458.8 Btu/lb
 Fuel composition (mole %): N2=0.0096, CH4=97.8198, C2H6=1.813, C3H8=0.2943,
 C4H10=0.0571, C5H12=0.0058, C6H14=0.0003
 H/C = Apparent Fuel Hydrogen to Carbon atom ratio in combustibles
 =Sum [(mole %) x (# of H atoms)] / Sum [(mole %) x (# of C atoms)]
 Fuel is assumed to be dry.

Corrections are valid only within the range shown on the curve and assume no alarm limits have been reached.



Drawing No. 16Q-162
 By: Chris Logan



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Revision 2
 20-Dec-2016

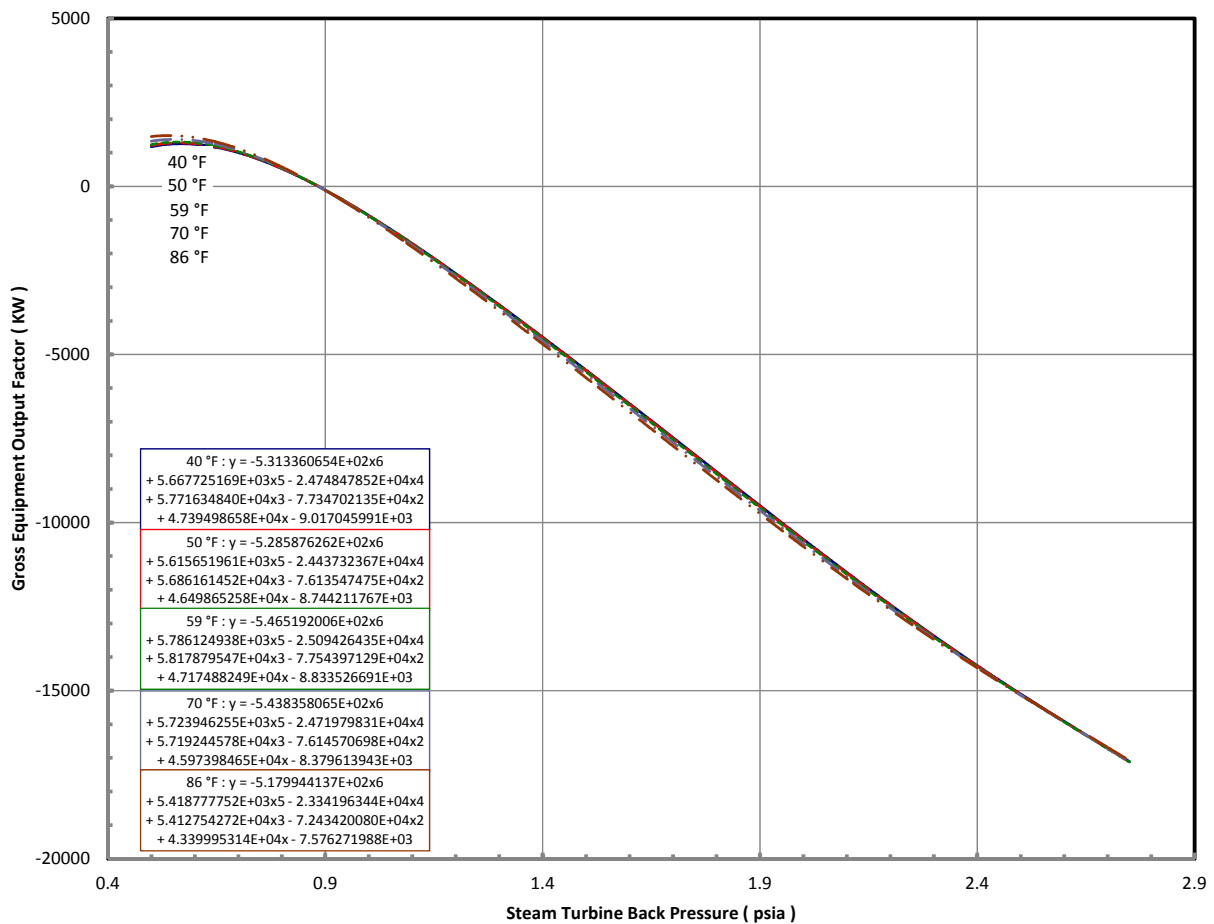
Gas Fuel Post-Outage Correction Curves

Colburn STAG109FA MS Combined Cycle Net Plant Performance Estimated Gross Equipment Output vs. Steam Turbine Back Pressure

Rating Point Basis:

One(1) Gas turbine 9FA.04 at Stable, Steady State Base Load
 Fuel is Natural Gas
 Ambient Temperature = 59 °F
 Barometric Pressure = 14.58 psia
 Relative Humidity = 70 %
 GT & ST Generator Frequency = 50 Hz
 Power Factor = 0.85
 GT Inlet Pressure Drop = 3 inH2O
 Steam Turbine Backpressure = 0.88 psia
 Fuel LHV @ 77 °F = 21458.8 Btu/lb
 Fuel composition (mole %): N2=0.0096, CH4=97.8198, C2H6=1.813, C3H8=0.2943,
 C4H10=0.0571, C5H12=0.0058, C6H14=0.0003
 H/C = Apparent Fuel Hydrogen to Carbon atom ratio in combustibles
 =Sum [(mole %) x (# of H atoms)] / Sum [(mole %) x (# of C atoms)]
 Fuel is assumed to be dry.

Corrections are valid only within the range shown on the curve and assume no alarm limits have been reached.



Drawing No. 16Q-174
 By: Chris Logan



GE COMPANY PROPRIETARY

Revision 2
 20-Dec-2016



A – 2 Certificados de Contrastación de Instrumentos

OPERACIÓN y MANTENIMIENTO INDUSTRIAL

Flujo Energía Limitada

Nueva York 53 Oficina 61 - Santiago

ANTECEDENTES DEL CLIENTE			
N° / Fecha de Solicitud	: Correo		
Fecha Calibración	: 30-10-2020		
Medidor	: ION 8600		
Cliente	: Tecnored S.A		
Instalación	:		
Subestación	:		

ANTECEDENTES DEL MEDIDOR			
Marca	: Schneider Electric		
Modelo	: 8650		
N° de Serie	: PT-1012A395-01		
Estado	: N/A		
Año Fabricación	: 2008		
Clase Exactitud (%)	: 0.2		
Constante Med.	: 1		

PATRON DE CALIBRACIÓN			
Marca	: Clou		
Modelo	: CI3115		
N° Serie	: 20171801		
Clase de Exactitud	: 0,05		
Trazabilidad	: Laboratorio Tecnored		

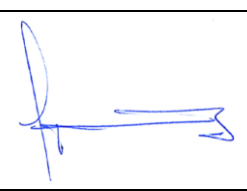
CONDICIONES DE MEDIDA			
Lugar de Calibración	: Laboratorio Tecnored		
Tipo de Medida	: WESTRELLA/ACTIVO		
Tensión Aplicada	: 63,5 (V)		
Corriente Nominal	: 5 (A)		
N° de Elementos	: 3		
Método Calibración	: Comparación Directa		
Frecuencia (Hz)	: 50 (HZ)		
Temperatura (C°)	: 22.5		
Humedad (%)	: 45.2		
Calibrador	: B.Santibañez		

RESULTADOS DE LA COMPONENTE ACTIVA							
N	Fase	Cte.%	Factor	Componente Activa Directa		Componente Activa Reversa	
				Error (%)	Límite Norma (%)	Error(%)	Límite Norma (%)
1	123	100	1	-0.078	± 0.2	-0.072	± 0.2
2	123	100	0.5	-0.087	± 0.3	-0.063	± 0.3
3	123	10	1	-0.079	± 0.2	-0.071	± 0.2
4	123	10	0.5	-0.075	± 0.3	-0.076	± 0.3
5	1	100	1	-0.021	± 0.3	-0.099	± 0.3
6	2	100	1	-0.068	± 0.3	-0.090	± 0.3
7	3	100	1	-0.039	± 0.3	-0.015	± 0.3
8	1	100	0.5	-0.076	± 0.4	-0.158	± 0.4
9	2	100	0.5	-0.081	± 0.4	-0.002	± 0.4
10	3	100	0.5	-0.048	± 0.4	-0.046	± 0.4

RESULTADOS DE LA COMPONENTE REACTIVA							
N	Fase	Cte.%	Factor	Componente Reactiva Directa		Componente Reactiva Reversa	
				Error (%)	Límite Norma (%)	Error(%)	Límite Norma (%)
1	123	100	1	-0.060	± 2.0	-0.033	± 2.0
2	123	100	0.5	-0.043	± 2.0	-0.014	± 2.0
3	123	10	1	-0.077	± 2.0	-0.043	± 2.0
4	123	10	0.5	-0.068	± 2.0	0.010	± 2.0
5	1	100	1	-0.049	± 3.0	-0.016	± 3.0
6	2	100	1	-0.073	± 3.0	-0.053	± 3.0
7	3	100	1	-0.032	± 3.0	-0.030	± 3.0
8	1	100	0.5	-0.069	± 3.0	-0.057	± 3.0
9	2	100	0.5	-0.095	± 3.0	-0.055	± 3.0
10	3	100	0.5	-0.084	± 3.0	0.012	± 3.0

OBSERVACIONES Y CONCLUSIONES

Los errores encontrados cumplen con la Normativa Vigente IEC 62053-22 (ITEM 8.1). Tecnored S.A., declina toda responsabilidad por el uso indebido que se hicieran de este certificado. Este documento no puede ser reproducido en forma parcial.



Jaime Eduardo García Collao
Jefe Área Certificación y Medidas

TECNORED S.A.
 Cerro El Plomo 3819 Barrio Industrial Curauma, Valparaíso
 Fono: 56-32-2452580 fax: 56-32-2452571
 www.tecnored.cl ventas@tecnored.cl

ANTECEDENTES DEL CLIENTE			
N° / Fecha de Solicitud	: Correo		
Fecha Calibración	: 30-10-2020		
Medidor	: ION 8600		
Cliente	: Tecnored S.A		
Instalación	:		
Subestación	:		

ANTECEDENTES DEL MEDIDOR			
Marca	: Schneider Electric		
Modelo	: 8650		
N° de Serie	: PT-1106B209-11		
Estado	: N/A		
Año Fabricación	: 2008		
Clase Exactitud (%)	: 0.2		
Constante Med.	: 1		

PATRON DE CALIBRACIÓN			
Marca	: Clou		
Modelo	: CI3115		
N° Serie	: 20171801		
Clase de Exactitud	: 0,05		
Trazabilidad	: Laboratorio Tecnored		


CONDICIONES DE MEDIDA			
Lugar de Calibración	: Laboratorio Tecnored		
Tipo de Medida	: WESTRELLA/ACTIVO		
Tensión Aplicada	: 63,5 (V)		
Corriente Nominal	: 5 (A)		
N° de Elementos	: 3		
Método Calibración	: Comparación Directa		
Frecuencia (Hz)	: 50 (HZ)		
Temperatura (C°)	: 22,5		
Humedad (%)	: 45,2		
Calibrador	: B.Santibañez		

RESULTADOS DE LA COMPONENTE ACTIVA							
N	Fase	Cte.%	Factor	Componente Activa Directa		Componente Activa Reversa	
				Error (%)	Límite Norma (%)	Error(%)	Límite Norma (%)
1	123	100	1	-0.044	± 0.2	-0.027	± 0.2
2	123	100	0.5	-0.060	± 0.3	-0.037	± 0.3
3	123	10	1	-0.052	± 0.2	-0.045	± 0.2
4	123	10	0.5	-0.058	± 0.3	-0.067	± 0.3
5	1	100	1	0.013	± 0.3	-0.049	± 0.3
6	2	100	1	-0.018	± 0.3	-0.031	± 0.3
7	3	100	1	-0.022	± 0.3	-0.007	± 0.3
8	1	100	0.5	-0.047	± 0.4	-0.089	± 0.4
9	2	100	0.5	-0.042	± 0.4	0.037	± 0.4
10	3	100	0.5	-0.029	± 0.4	-0.065	± 0.4

RESULTADOS DE LA COMPONENTE REACTIVA							
N	Fase	Cte.%	Factor	Componente Reactiva Directa		Componente Reactiva Reversa	
				Error (%)	Límite Norma (%)	Error(%)	Límite Norma (%)
1	123	100	1	-0.068	± 2.0	-0.007	± 2.0
2	123	100	0.5	-0.025	± 2.0	0.020	± 2.0
3	123	10	1	-0.059	± 2.0	-0.016	± 2.0
4	123	10	0.5	-0.041	± 2.0	0.032	± 2.0
5	1	100	1	-0.015	± 3.0	0.018	± 3.0
6	2	100	1	-0.014	± 3.0	-0.003	± 3.0
7	3	100	1	-0.040	± 3.0	-0.013	± 3.0
8	1	100	0.5	-0.020	± 3.0	-0.017	± 3.0
9	2	100	0.5	-0.034	± 3.0	-0.005	± 3.0
10	3	100	0.5	-0.065	± 3.0	0.032	± 3.0

OBSERVACIONES Y CONCLUSIONES

Los errores encontrados cumplen con la Normativa Vigente IEC 62053-22 (ITEM 8.1). Tecnored S.A., declina toda responsabilidad por el uso indebido que se hicieran de este certificado. Este documento no puede ser reproducido en forma parcial.



Jaime Eduardo García Collao
Jefe Área Certificación y Medidas

TECNORED S.A.
 Cerro El Plomo 3819 Barrio Industrial Curauma, Valparaíso
 Fono: 56-32-2452580 fax: 56-32-2452571
 www.tecnored.cl ventas@tecnored.cl

CERTIFICADO DE EXACTITUD DEL MEDIDOR

FECHA SERVICIO	01/12/2020			IDENTIFICACIÓN DEL MEDIDOR		
IDENTIFICACIÓN DEL CLIENTE				Marca	Schneider Electric	
Nombre	Colbún			Tipo	ION 7650	
S/E o Central	S/E San Luis			Número de Serie	PJ-0911A506-02	
PATRÓN DE REFERENCIA				Ubicación	SANLUIS_220_J2_CLB	
Consola	MTE PTS 3.3C	N° Serie	37974	Clase de Exactitud	0,2	
Clase de Exactitud	+/- 0,05			Estado	Activo	

CONDICIONES DE LA MEDIDA						
Tipo de Medida	Estrella					
Tensión Aplicada	3 x 66,4 (115) [V] 50 [Hz]					
Corriente Nominal	3 x 5 (10) [A]					
Constante Medidor	1.8 [Wh/Imp]					
Temperatura	Ambiente					
N° de Elementos	3E - 4H					
Conexión	DIRECTA					

RESULTADOS DE LA VERIFICACIÓN											
Componente Activa						Componente Reactiva					
N°	Fase	Cte. [%]	Factor	Error [%]	Límite Norma [%]	N°	Fase	Cte. [%]	Factor	Error [%]	Límite Norma [%]
1	123	100	1,0	-0,077	+/- 0,2	1	123	100	1,0	-0,088	+/- 2,0
2	123	100	0,5	-0,072	+/- 0,3	2	123	100	0,5	-0,122	+/- 2,0
3	123	10	1,0	-0,082	+/- 0,2	3	123	10	1,0	-0,089	+/- 2,0
4	1	100	1,0	-0,062	+/- 0,3	4	1	100	1,0	-0,102	+/- 3,0
5	2	100	1,0	-0,098	+/- 0,3	5	2	100	1,0	-0,08	+/- 3,0
6	3	100	1,0	-0,107	+/- 0,3	6	3	100	1,0	-0,12	+/- 3,0
7	1	100	0,5	-0,084	+/- 0,4	7	1	100	0,5	-0,098	+/- 3,0
8	2	100	0,5	-0,108	+/- 0,4	8	2	100	0,5	-0,108	+/- 3,0
9	3	100	0,5	-0,042	+/- 0,4	9	3	100	0,5	-0,092	+/- 3,0
10	123	10	0,5	-0,058	+/- 0,3	10	123	10	0,5	-0,125	+/- 3,0

Cumple Clausula 8.1 Norma IEC 62053-22 Clase 0,2

Cumple Clausula 8.1 Norma IEC 62053-23 Clase 2

Energía en Display	Tipo de Display	Electronico
---------------------------	------------------------	-------------

CONCLUSIONES	
<p>El medidor cumple con la cláusula 8.1 de la Norma IEC 62053-22 referente a los límites de error para su clase de exactitud, en la componente Activa.</p> <p>El medidor cumple con la cláusula 8.1 de la Norma IEC 62053-23 referente a los límites de error para su clase de exactitud, en la componente Reactiva.</p>	

CERTIFICADO DE EXACTITUD DEL MEDIDOR

FECHA SERVICIO	01/12/2020		IDENTIFICACIÓN DEL MEDIDOR		
IDENTIFICACIÓN DEL CLIENTE			Marca	Schneider Electric	
Nombre	Colbún		Tipo	ION 7650	
S/E o Central	S/E San Luis		Número de Serie	PJ-0911A510-02	
PATRÓN DE REFERENCIA			Ubicación	SANLUIS_220_J1_CLB	
Consola	MTE PTS 3.3C	N° Serie	37974	Clase de Exactitud	0,2
Clase de Exactitud	+/- 0,05		Estado	Activo	

CONDICIONES DE LA MEDIDA					
Tipo de Medida	Estrella				
Tensión Aplicada	3 x 66,4 (115) [V] 50 [Hz]				
Corriente Nominal	3 x 5 (10) [A]				
Constante Medidor	1.8 [Wh/Imp]				
Temperatura	Ambiente				
N° de Elementos	3E - 4H				
Conexión	DIRECTA				

RESULTADOS DE LA VERIFICACIÓN					
Componente Activa					
N°	Fase	Cte. [%]	Factor	Error [%]	Límite Norma [%]
1	123	100	1,0	-0,049	+/- 0,2
2	123	100	0,5	-0,055	+/- 0,3
3	123	10	1,0	-0,069	+/- 0,2
4	1	100	1,0	-0,058	+/- 0,3
5	2	100	1,0	-0,08	+/- 0,3
6	3	100	1,0	-0,058	+/- 0,3
7	1	100	0,5	-0,049	+/- 0,4
8	2	100	0,5	-0,1	+/- 0,4
9	3	100	0,5	-0,025	+/- 0,4
10	123	10	0,5	-0,067	+/- 0,3
Componente Reactiva					
N°	Fase	Cte. [%]	Factor	Error [%]	Límite Norma [%]
1	123	100	1,0	-0,072	+/- 2,0
2	123	100	0,5	-0,078	+/- 2,0
3	123	10	1,0	-0,076	+/- 2,0
4	1	100	1,0	-0,084	+/- 3,0
5	2	100	1,0	-0,071	+/- 3,0
6	3	100	1,0	-0,071	+/- 3,0
7	1	100	0,5	-0,067	+/- 3,0
8	2	100	0,5	-0,075	+/- 3,0
9	3	100	0,5	-0,071	+/- 3,0
10	123	10	0,5	-0,1	+/- 3,0

Cumple Clausula 8.1 Norma IEC 62053-22 Clase 0,2

Cumple Clausula 8.1 Norma IEC 62053-23 Clase 2

Energía en Display	Tipo de Display	Electronico
--------------------	-----------------	-------------

CONCLUSIONES
<p>El medidor cumple con la cláusula 8.1 de la Norma IEC 62053-22 referente a los límites de error para su clase de exactitud, en la componente Activa.</p> <p>El medidor cumple con la cláusula 8.1 de la Norma IEC 62053-23 referente a los límites de error para su clase de exactitud, en la componente Reactiva.</p>

CERTIFICADO CALIBRACION

EQUIPO : SENSOR MASICO
 FABRICANTE : MICRO MOTION
 MODELO : DS300
 NUMERO SERIE TRANSMISOR : 3072822
 NUMERO SERIE SENSOR : 12006884
 DETERMINACIONES REQUERIDAS : CALIBRACION DE MASA
 FECHA DE CALIBRACION : 08-11-2019
 Ruta 64, Km 4 Sector Lo Venecia, Quillota

PATRON UTILIZADO

EQUIPO SENSOR MASICO
 MARCA ENDRESS + HAUSER NUMERO SERIE D7084F02000

METODO COMPARACION POR CIRCULACION DE AGUA EN CIRCUITO CON MEDIDORES EN SERIE CONECTADOS A COMPUTADOR DE FLUJO OMNI 3000.

Temperatura ambiente durante las pruebas 10°c +/- 1°

DATOS DE PRIMERA CORRIDA DE MEDICION

VOLUMEN PRUEBA 2 TONELADAS
 CAUDAL PROMEDIO 60 t/h

		MEDICION 1	MEDICION 2	MEDICION 3	
MASTER METER MASS		2002	2001	2002	Kg
MEDIDOR MASS EN PRUEBA	FACTOR	1995	1994	1995	Kg
(Master meter Mass/CFF Mass)		1,0033	1,0033	1,0033	

CORRIDA DE MEDICION CON FACTOR CORREGIDO

VOLUMEN PRUEBA 2 TONELADAS
 CAUDAL PROMEDIO 60 t/h

		MEDICION 1	MEDICION 2	MEDICION 3	
MASTER METER MASS		2001	2001	2001	Kg
MEDIDOR MASS EN PRUEBA	FACTOR	2001	2001	2000	Kg
(Master meter Mass/CFF Mass)		1,0001	1,0001	1,0004	

CONCLUSION

EL EQUIPO SE ENCUENTRA EN CONDICIONES DE SER UTILIZADO
 SE PEGA PLACA CON NUEVO FACTOR EN EL TRANSMISOR Y SENSOR

CALIBRADO POR JORGE YAÑEZ
 ENCARGADO CALIBRACIONES

 FIRMA



INFORME DE VERIFICACIÓN TRANSMISORES DE FLUJO

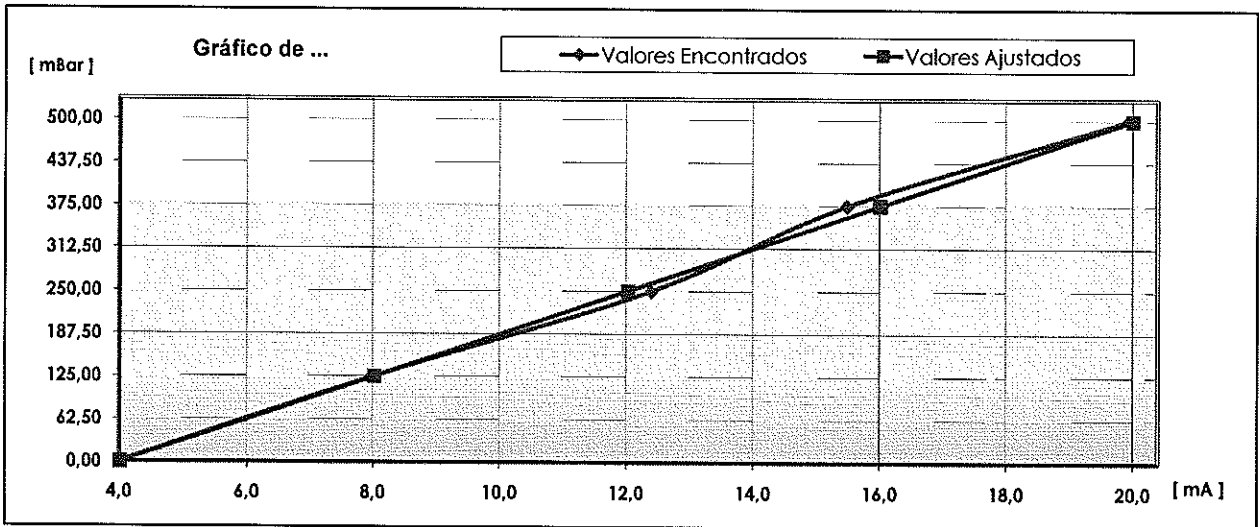
Empresa Mandante: Colbun Complejo Nehuenco

CARACTERÍSTICAS TÉCNICAS DEL EQUIPO			
Marca	Endress + Hauser	TAG	11LAB20CF001
Modelo	Deltabar	Área	Nehuenco 1
Tipo	Diferencial	Ubicación	Caldera 1 Piso Lado Mar
N° de serie	4300118	Rango	0 a 500 mBar
Descripción			

Instrumentos utilizados para la Verificación

Descripción	Marca	Modelo	N° Serie	Certificado	Fecha Certif.
Multicalibrador	Fluke	743B	9159004	2015-4329	15/08/2015
Manometro	Fluke	700G04	2148018	153249	08/07/2015

Entrada Simulada		Valores Encontrados		Valores Ajustados	
Presión [mBar]	Corriente [mA]	Corriente [mA]	Error [%]	Corriente [mA]	Error [%]
0,0	4,000	3,987	0,08	4,014	0,09
125,0	8,000	7,995	0,03	8,022	0,14
250,0	12,000	12,400	2,50	12,027	0,17
375,0	16,000	15,488	3,20	16,010	0,06
500,0	20,000	19,942	0,36	20,002	0,01



OBSERVACIONES:

Se realiza mantención, verificación y ajuste. Equipo queda normalizado y operativo.

	TECNICO	SUP. IN-TEC	SUP. CLIENTE
NOMBRE RESPONSABLE	Exequiel Gormaz	Marcelo Bernal	Mitchell Zuñiga
FIRMA RESPONSABLE			
FECHA DE VERIFICACIÓN	30-10-2015	30-10-2015	30-10-2015



INFORME DE VERIFICACIÓN TRANSMISORES DE FLUJO

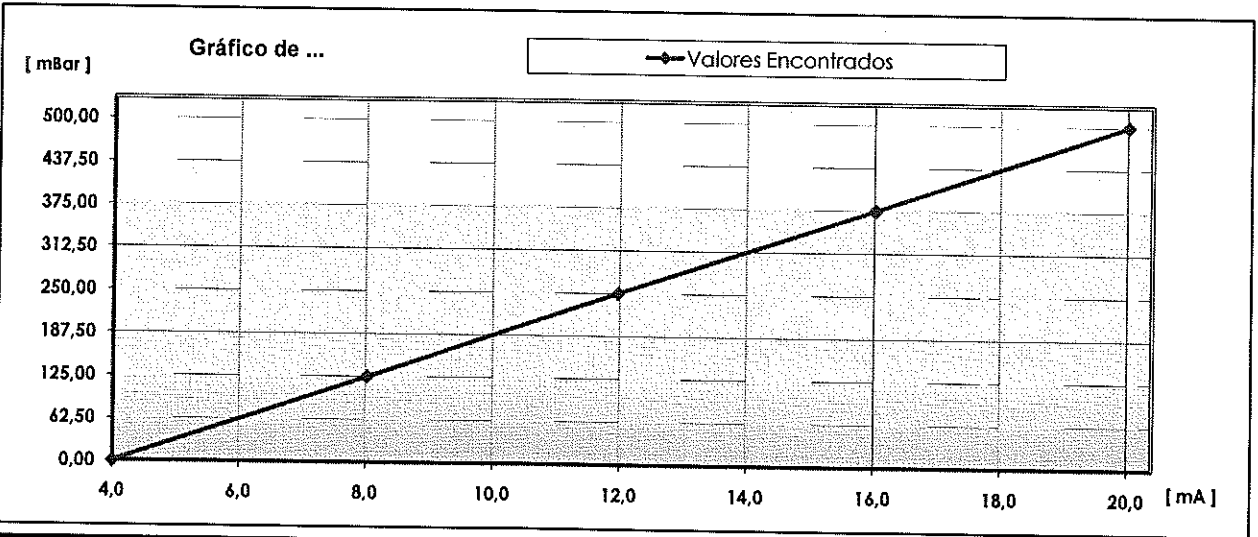
Empresa Mandante: Colbun Complejo Nehuenco

CARACTERÍSTICAS TÉCNICAS DEL EQUIPO			
Marca	Endress + Hauser	TAG	11LAB50CF001
Modelo	Deltabar S	Área	Nehuenco I
Tipo	Diferencial	Ubicación	Caldera I Piso Lado Mar
N° de serie	AS02AC0109D	Rango	0 a 500 mBar
Descripción			

Instrumentos utilizados para la Verificación

Descripción	Marca	Modelo	N° Serie	Certificado	Fecha Certif.
Multicalibrador	Fluke	743B	9159004	2015-4329	15/08/2015
Manometro	Fluke	700G04	2148018	153249	08/07/2015

Entrada Simulada		Valores Encontrados		Valores Ajustados	
Presión [mBar]	Corriente [mA]	Corriente [mA]	Error [%]	Corriente [mA]	Error [%]
0,0	4,000	4,002	0,01	-	-
125,0	8,000	8,024	0,15	-	-
250,0	12,000	11,969	0,19	-	-
375,0	16,000	16,020	0,12	-	-
500,0	20,000	20,012	0,08	-	-



OBSERVACIONES:

Se realiza mantención y verificación. Equipo queda normalizado y operativo.

	TÉCNICO	SUP. IN-TEC	SUP. CLIENTE
NOMBRE RESPONSABLE	Exequiel Gormaz	Marcelo Bernal	Mitchell Zuñiga
FIRMA RESPONSABLE			
FECHA DE VERIFICACIÓN	30-10-2015	30-10-2015	30-10-2015

IN-TEC

INSTRUMENTACION

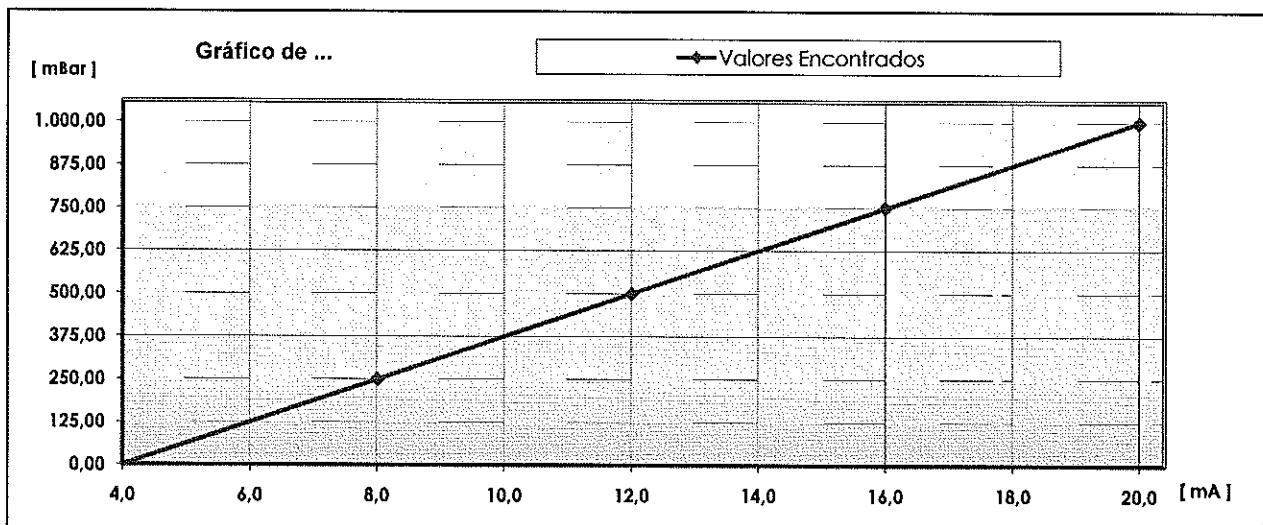
**INFORME DE VERIFICACIÓN
TRANSMISORES DE FLUJO****Empresa Mandante: Colbun Complejo Nehuenco****CARACTERÍSTICAS TÉCNICAS DEL EQUIPO**

Marca	Endress + Hauser	TAG	11LBA10CF001
Modelo	Deltabar	Área	Nehuenco I
Tipo	Diferencial	Ubicación	Caldera 1 Piso Lado Mar
N° de serie	43Q0067	Rango	0 a 1000 mBar
Descripción			

Instrumentos utilizados para la Verificación

Descripción	Marca	Modelo	N° Serie	Certificado	Fecha Certif.
Multicalibrador	Fluke	7438	9159004	2015-4329	15/08/2015
Manometro	Fluke	700G04	2148018	153249	08/07/2015

Entrada Simulada		Valores Encontrados		Valores Ajustados	
Presión [mBar]	Corriente [mA]	Corriente [mA]	Error [%]	Corriente [mA]	Error [%]
0,0	4,000	3,996	0,03	--	--
250,0	8,000	8,012	0,08	--	--
500,0	12,000	12,004	0,02	--	--
750,0	16,000	16,001	0,01	--	--
1000,0	20,000	20,000	0,00	--	--

**OBSERVACIONES:**

Se realiza mantención y verificación. Equipo queda normalizado y operativo.

	TÉCNICO	SUP. IN-TEC	SUP. CLIENTE
NOMBRE RESPONSABLE	Exequiel Gormaz	Marcelo Bernal	Mitchell Zuñiga
FIRMA RESPONSABLE			
FECHA DE VERIFICACIÓN	30-10-2015	30-10-2015	30-10-2015



INFORME DE VERIFICACIÓN TRANSMISORES DE FLUJO

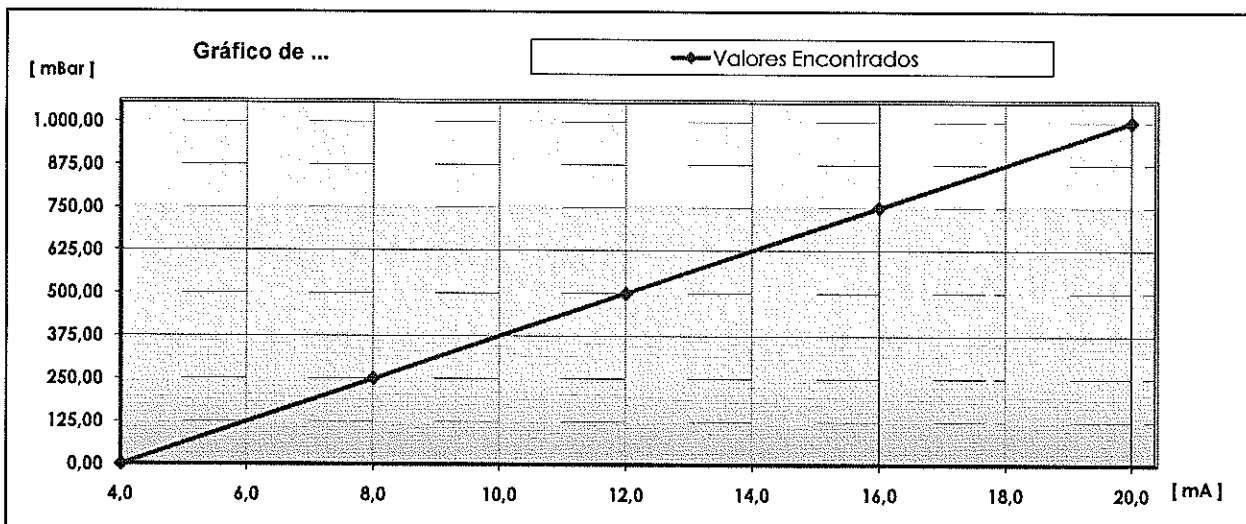
Empresa Mandante: Colbun Complejo Nehuenco

CARACTERÍSTICAS TÉCNICAS DEL EQUIPO			
Marca	Endress + Hauser	TAG	11LBA10CF002
Modelo	Deltabar	Área	Nehuenco 1
Tipo	Diferencial	Ubicación	Caldera 1 Piso Lado Mar
N° de serie	05Q0213	Rango	0 a 1000 mBar
Descripción			

Instrumentos utilizados para la Verificación

Descripción	Marca	Modelo	N° Serie	Certificado	Fecha Certif.
Multicalibrador	Fluke	743B	9159004	2015-4329	15/08/2015
Manometro	Fluke	700G04	2148018	153249	08/07/2015

Entrada Simulada		Valores Encontrados			Valores Ajustados	
Presión [mBar]	Corriente [mA]	Corriente [mA]	Error [%]	Corriente [mA]	Error [%]	
0,0	4,000	4,015	0,09	-	-	
250,0	8,000	8,003	0,02	-	-	
500,0	12,000	12,004	0,02	-	-	
750,0	16,000	16,000	0,00	-	-	
1000,0	20,000	20,000	0,00	-	-	



OBSERVACIONES:

Se realiza mantención y verificación. Equipo queda normalizado y operativo.

	TECNICO	SUP. IN-TEC	SUP. CLIENTE
NOMBRE RESPONSABLE	Exequiel Gormaz	Marcelo Bernal	Mitchell Zuñiga
FIRMA RESPONSABLE			
FECHA DE VERIFICACIÓN	30-10-2015	30-10-2015	30-10-2015



INFORME DE VERIFICACIÓN TRANSMISORES DE FLUJO

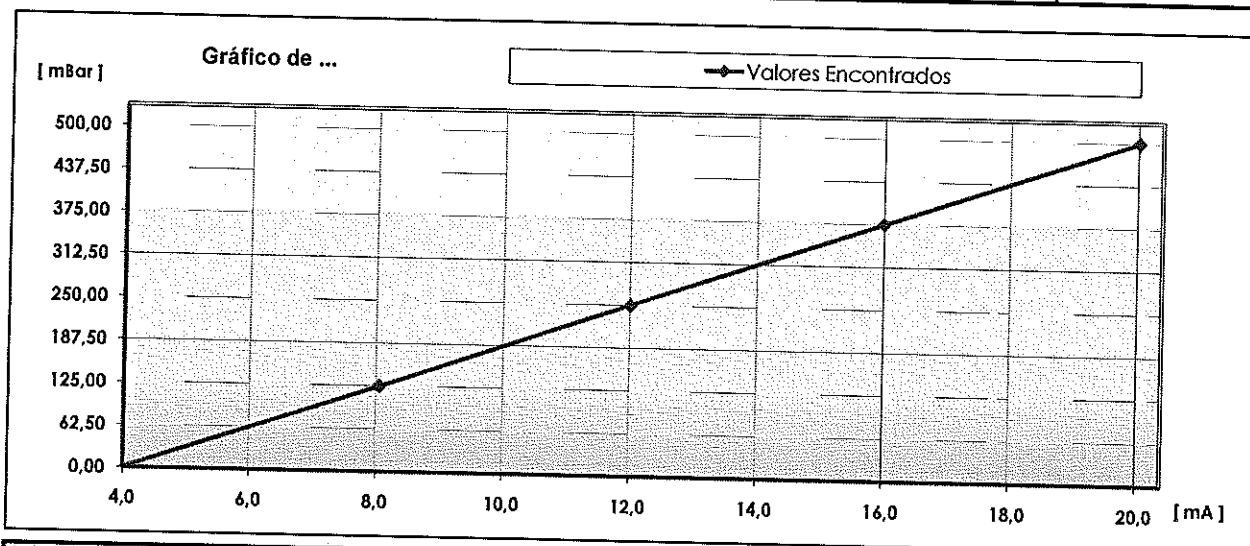
Empresa Mandante: Colbun Complejo Nehuenco

CARACTERÍSTICAS TÉCNICAS DEL EQUIPO			
Marca	Endress + Hauser	TAG	11LBA50CF001
Modelo	Deltabar	Área	Nehuenco 1
Tipo	Diferencial	Ubicación	Caldera 1 Piso Lado Mar
N° de serie	OSQ0209	Rango	0 a 500 mBar
Descripción			

Instrumentos utilizados para la Verificación

Descripción	Marca	Modelo	N° Serie	Certificado	Fecha Certif.
Multicalibrador	Fluke	743B	9159004	2015-4329	15/08/2015
Manometro	Fluke	700G04	2148018	153249	08/07/2015

Entrada Simulada		Valores Encontrados		Valores Ajustados	
Presión [mBar]	Corriente [mA]	Corriente [mA]	Error [%]	Corriente [mA]	Error [%]
0,0	4,000	3,977	0,14	—	—
125,0	8,000	8,050	0,31	—	—
250,0	12,000	12,004	0,02	—	—
375,0	16,000	15,997	0,02	—	—
500,0	20,000	20,020	0,12	—	—



OBSERVACIONES:

Se realiza mantención, verificación y ajuste. Equipo queda normalizado y operativo.

	TECNICO	SUP. IN-TEC	SUP. CLIENTE
NOMBRE RESPONSABLE	Exequiel Gormaz	Marcelo Bernal	Mitchell Zuñiga
FIRMA RESPONSABLE			
FECHA DE VERIFICACIÓN	30-10-2015	30-10-2015	30-10-2015



INFORME DE VERIFICACIÓN TRANSMISORES DE FLUJO

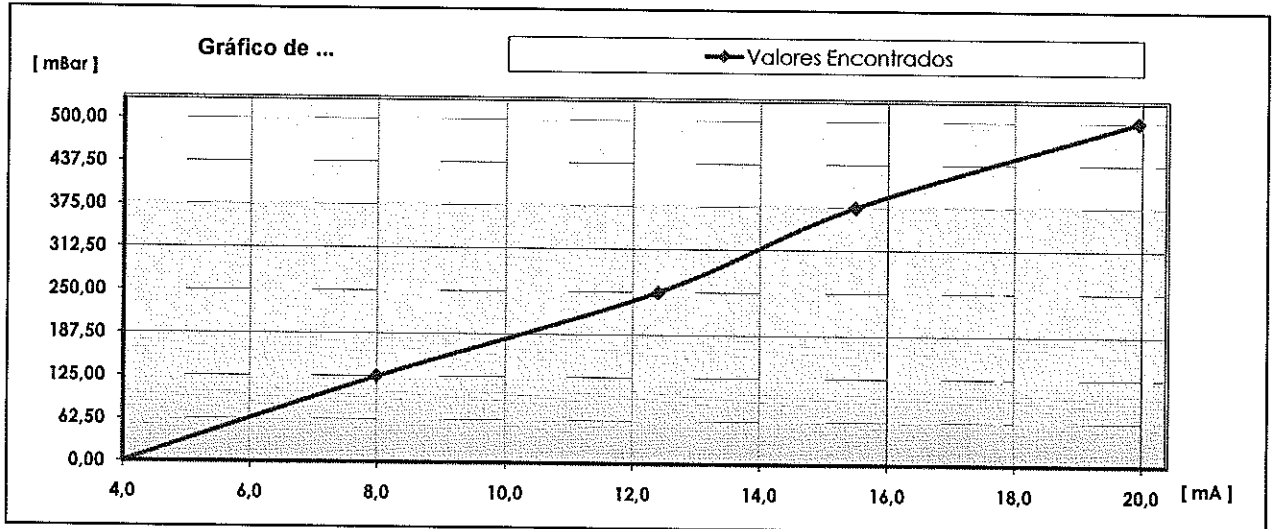
Empresa Mandante: Colbun Complejo Nehuenco

CARACTERÍSTICAS TÉCNICAS DEL EQUIPO			
Marca	Endress + Hauser	TAG	11LBA50CF002
Modelo	Deltabar	Área	Nehuenco 1
Tipo	Diferencial	Ubicación	Caldera 1 Piso Lado Mar
N° de serie	0SQ0210	Rango	0 a 500 mBar
Descripción			

Instrumentos utilizados para la Verificación

Descripción	Marca	Modelo	N° Serie	Certificado	Fecha Certif.
Multicalibrador	Fluke	743B	9159004	2015-4329	15/08/2015
Manometro	Fluke	700G04	2148018	153249	08/07/2015

Entrada Simulada		Valores Encontrados			Valores Ajustados	
Presión [mBar]	Corriente [mA]	Corriente [mA]	Error [%]	Corriente [mA]	Error [%]	
0,0	4,000	4,016	0,10	--	--	
125,0	8,000	8,055	0,34	--	--	
250,0	12,000	12,045	0,28	--	--	
375,0	16,000	16,036	0,23	--	--	
500,0	20,000	20,009	0,06	--	--	



OBSERVACIONES:

Se realiza mantención, verificación y ajuste. Equipo queda normalizado y operativo.

	TECNICO	SUP. IN-TEC	SUP. CLIENTE
NOMBRE RESPONSABLE	Exequiel Gormaz	Marcelo Bernal	Mitchell Zuñiga
FIRMA RESPONSABLE			
FECHA DE VERIFICACIÓN	30-10-2015	30-10-2015	30-10-2015



INFORME DE VERIFICACIÓN TRANSMISORES DE FLUJO

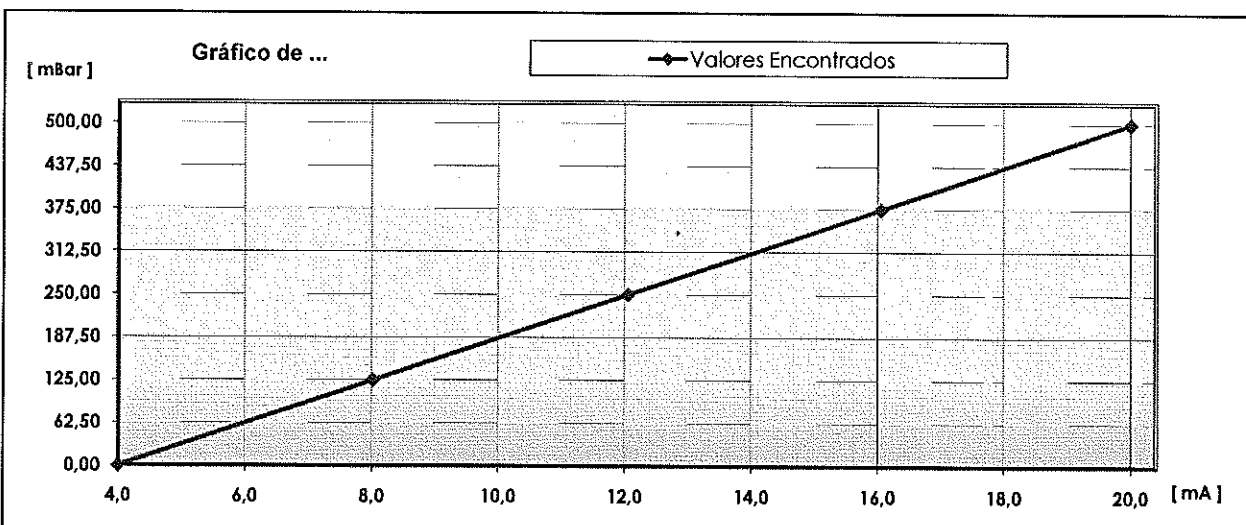
Empresa Mandante: Colbun Complejo Nehuenco

CARACTERÍSTICAS TÉCNICAS DEL EQUIPO			
Marca	Endress + Hauser	TAG	11LCA20CF001
Modelo	Deltabar	Área	Nehuenco I
Tipo	Diferencial	Ubicación	Caldera I Piso Lado Mar
Nº de serie	0SQ0202	Rango	0 a 500 mBar
Descripción			

Instrumentos utilizados para la Verificación

Descripción	Marca	Modelo	Nº Serie	Certificado	Fecha Certif.
Multicalibrador	Fluke	743B	9159004	2015-4329	15/08/2015
Manometro	Fluke	700G04	2148018	153249	08/07/2015

Entrada Simulada		Valores Encontrados		Valores Ajustados	
Presión [mBar]	Corriente [mA]	Corriente [mA]	Error [%]	Corriente [mA]	Error [%]
0,0	4,000	4,001	0,01	-	-
125,0	8,000	8,019	0,12	-	-
250,0	12,000	12,055	0,34	-	-
375,0	16,000	16,055	0,34	-	-
500,0	20,000	20,000	0,00	-	-



OBSERVACIONES:

Se realiza mantención y verificación. Equipo queda normalizado y operativo.

	TÉCNICO	SUP. IN-TEC	SUP. CLIENTE
NOMBRE RESPONSABLE	Exequiel Gormaz	Marcelo Bernal	Mitchell Zuñiga
FIRMA RESPONSABLE			
FECHA DE VERIFICACIÓN	29-10-2015	29-10-2015	29-10-2015



INFORME DE VERIFICACIÓN TRANSMISORES DE FLUJO

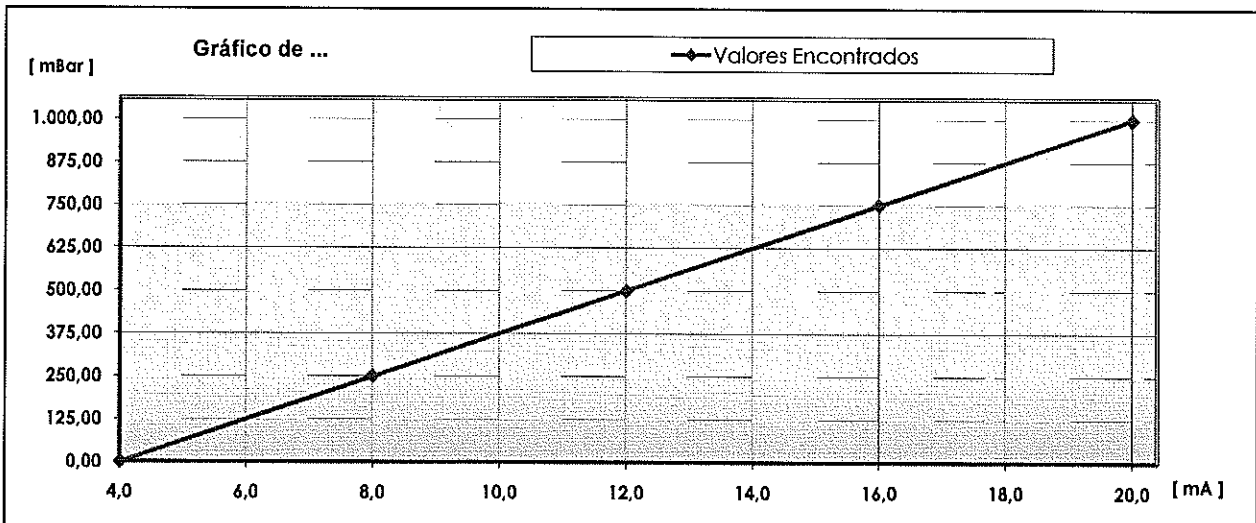
Empresa Mandante: Colbun Complejo Nehuenco

CARACTERÍSTICAS TÉCNICAS DEL EQUIPO			
Marca	Endress + Hauser	TAG	11LCA31CF001
Modelo	Deltabar	Área	Nehuenco I
Tipo	Diferencial	Ubicación	Domo Lado Norte
Nº de serie	43Q0145	Rango	0 a 1000 mBar
Descripción			

Instrumentos utilizados para la Verificación

Descripción	Marca	Modelo	Nº Serie	Certificado	Fecha Certif.
Multicalibrador	Fluke	743B	9159004	2015-4329	15/08/2015
Manometro	Fluke	700G04	2148018	153249	08/07/2015

Entrada Simulada		Valores Encontrados		Valores Ajustados	
Presión [mBar]	Corriente [mA]	Corriente [mA]	Error [%]	Corriente [mA]	Error [%]
0,0	4,000	4,040	0,25	-	-
250,0	8,000	8,050	0,31	-	-
500,0	12,000	12,030	0,19	-	-
750,0	16,000	16,050	0,31	-	-
1000,0	20,000	20,050	0,31	-	-



OBSERVACIONES:

Se realiza mantención y verificación. Equipo queda normalizado y operativo.

	TECNICO	SUP. IN-TEC	SUP. CLIENTE
NOMBRE RESPONSABLE	Exequiel Gormaz	Marcelo Bernal	Mitchell Zuñiga
FIRMA RESPONSABLE			
FECHA DE VERIFICACIÓN	30-10-2015	30-10-2015	30-10-2015



COMPLEJO NEHUENCO
 REGISTRO DE VERIFICACIÓN Y CALIBRACIÓN DE INSTRUMENTOS
 Sistema: NEHN-11MBA

N° **10169496**

Nombre del equipo	transmisor de presion ABS	TAG. N°	11MBA12CP101	Servicio	ROTOR COMPRESOR TG NEH 1		
Modelo	Sitrans P	N/S	N1 W226 9694056	Marca	SIEMENS		
Rango de entrada	0...25 bar ABS	Rango de salida	4...20 mA	Ubicación	UMB TG NEH 1		
Instrumento Patrón		Encontrado		Dejado		Indicación Adicional	
Unidad: BAR	mA	Unidad: mA	mA	Unidad: mA	mA	Unidad:	
Entrada	Salida	Subida	Bajada	Subida	Bajada	Encont	Dejado
0,0%	0	4,00	4,02	4,02			
25,0%	6,2	8,00	8,02	8,02			
50,0%	12,5	12,00	12,01	12,01			
75,0%	18,7	16,00	16,01	16,01			
100,0%	25	20,00	20,02	20,02			
Error MAX Absoluto		0,12%	100,00%	0,12%	100,00%		
MODULO PATRON UTILIZADO 0 + 70 bar menu 02 ajuste de 4,00 mA para 0,00 bar 03 ajuste de 20,00 mA para 25 bar 05 rango para 0,0 bar 06 rango para 25 bar 07 ajuste de compensacion 1000 mbar medido atm 4,63 mA = 1004 mbar / generar vacio restar atm para los 4,00 mA							
				P&I DWG. N°	Testificado por		
				Precisión	Chequeado por		
				Clase	Flavio Pizarro L		
					Fecha		
					10-agosto-2018		
Observaciones:							



COMPLEJO NEHUENCO
 REGISTRO DE VERIFICACIÓN Y CALIBRACIÓN DE INSTRUMENTOS
 Sistema: NEHN-11MBA

N° **10169496**

Nombre del equipo	TRANSMISOR DE PRESION	TAG. N°	11MBA12CP102	Servicio	ROTOR COMPRESOR TG NEH 1		
Modelo	1151	N/S	N1 W2269694057	Marca	SIEMENS		
Rango de entrada	0...25 bar ABS	Rango de salida	4...20 mA	Ubicación	UMB TG NEH 1		
Instrumento Patrón		Encontrado		Dejado		Indicación Adicional	
Unidad: BAR / mA		Unidad: mA / mA		Unidad: mA / mA		Unidad:	
Entrada	Salida	Subida	Bajada	Subida	Bajada	Encont	Dejado
0,0%	0	4,00	4,02	4,02			
25,0%	6,2	8,00	8,01	8,01			
50,0%	12,5	12,00	12,01	12,01			
75,0%	18,7	16,00	16,01	16,01			
100,0%	25	20,00	20,01	20,01			
Error MAX Absoluto		0,12%	100,00%	0,12%	100,00%		
MODULO PATRON UTILIZADO 0 + 70 bar menu 02 ajuste de 4,00 mA para 0,00 bar 03 ajuste de 20,00 mA para 25 bar 05 rango para 0,0 bar 06 rango para 25 bar 07 ajuste de compensacion 1000 mbar medido a la atm 4,65 mA = 1006 mbar / generar vacio restar atm para los 4,00 mA				P&I DWG. N°	Testificado por		
				Precisión	Chequeado por		
				Clase	Flavio Pizarro L		
					Fecha		
					10-agosto-2018		
Observaciones:							



A – 3 Protocolos de Análisis de Combustibles

OPERACIÓN y MANTENIMIENTO INDUSTRIAL

Flujo Energía Limitada

Nueva York 53 Oficina 61 - Santiago

REPORTE DE ANÁLISIS

Nuestra Referencia	: OTICH21-20729	Cliente	: Colbun S.A.
Producto⁽¹⁾	: Petróleo Diesel	Contacto (s)	: Mitchell Zuñiga
Identificación de la Muestra	: 7174	Email	: mczuniga@colbun.cl
N° de Sello	: Sin Antecedentes	Dirección	: Av. Apoquindo 4775 Piso 22, Santiago
Muestra Obtenida por⁽²⁾	: Cliente	Ref. Cliente	: COTICH19-180
Ubicación del Muestreo	: Nehuenco II	Fecha de Recepción de Muestra	: 09/02/2021
Tipo de Muestreo	: Muestra Proporcional al Flujo	Fecha Inicio de Análisis	: 12/02/2021
Fecha de Muestreo	: Sin Antecedentes	Fecha Término de Análisis	: 15/02/2021
Plan/Método de Muestreo	: API / MPMS Chapter 8	Análisis realizados en	: Laboratorio OTI
Responsable de Muestreo	: Cliente	Fecha de Emisión de Reporte	: 17/02/2021
Muestra Obtenida de	: Carga Base Alta 396 MW		

<input checked="" type="checkbox"/> Analizado	<input type="checkbox"/> Atestiguado⁽³⁾	<input type="checkbox"/> Preliminar	<input checked="" type="checkbox"/> Final	
Ensayos	Unidades	Métodos	Especificaciones	Resultados
Poder Calorífico Bruto (Superior)	BTU/lb	ASTM D4868	Informar	19643
Poder Calorífico Neto (Inferior)	BTU/lb	ASTM D4868	Informar	18447
Gravedad API	°API	ASTM D4052	Informar	37,42
Gravedad Específica 60/60		ASTM D4052	Informar	0,8377
Densidad a 15°C	Kg/m ³	ASTM D4052	Informar	837,2
Peso Molecular Estimado		ASTM D2502	Informar	<250
*** Fin de los resultados de análisis***				

Condiciones ambientales de los ensayos:
Observaciones:

Jorge Herrera
 Gerente Laboratorio

(1) Declarado según el cliente.

(2) Los análisis reportados corresponden a la muestra suministrada al laboratorio por: Cliente; donde la misma se ha analizado por solicitud para verificar el cumplimiento de las especificaciones detalladas, sin aceptar ninguna responsabilidad adicional por parte de nuestro laboratorio.

(3) Nuestra responsabilidad en el ATESTIGUAMIENTO de Análisis se limita a presenciar que el análisis se esté practicando a la muestra correcta y de acuerdo al método previamente establecido. Por lo que el cliente acepta que OIL TEST INTERNACIONAL DE CHILE S.A. no es responsable de las condiciones del equipo, instrumento o aparatos de medición y que acepta los datos de calibración, reactivos y otros instrumentos o materiales utilizados tal como se presentan. OIL TEST INTERNACIONAL DE CHILE S.A. no es responsable de cualquier información proporcionada por el cliente que pueda afectar la validez de los resultados de análisis.

* Ensayo dentro del Alcance de Acreditación ISO 17025:2017

** Ensayo subcontratado a otro laboratorio

Todos los resultados contenidos dentro de este reporte corresponden exclusivamente a la muestra descrita.

Se prohíbe la reproducción total o parcial de este reporte sin la autorización escrita de OIL TEST INTERNACIONAL DE CHILE S.A.

Fin del Reporte

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Página 1 de 7

REPORTE DE ANÁLISIS

Nuestra Referencia	: OTICH21-20729	Cliente	: Colbun S.A.
Producto⁽¹⁾	: Petróleo Diesel	Contacto (s)	: Mitchell Zuñiga
Identificación de la Muestra	: 7175	Email	: mczuniga@colbun.cl
N° de Sello	: Sin Antecedentes	Dirección	: Av. Apoquindo 4775 Piso 22, Santiago
Muestra Obtenida por⁽²⁾	: Cliente	Ref. Cliente	: COTICH19-180
Ubicación del Muestreo	: Nehuenco II	Fecha de Recepción de Muestra	: 09/02/2021
Tipo de Muestreo	: Muestra Proporcional al Flujo	Fecha Inicio de Análisis	: 12/02/2021
Fecha de Muestreo	: Sin Antecedentes	Fecha Término de Análisis	: 15/02/2021
Plan/Método de Muestreo	: API / MPMS Chapter 8	Análisis realizados en	: Laboratorio OTI
Responsable de Muestreo	: Cliente	Fecha de Emisión de Reporte	: 17/02/2021
Muestra Obtenida de	: 360 MW		

<input checked="" type="checkbox"/> Analizado	<input type="checkbox"/> Atestiguado⁽³⁾	<input type="checkbox"/> Preliminar	<input checked="" type="checkbox"/> Final	
Ensayos	Unidades	Métodos	Especificaciones	Resultados
Poder Calorífico Bruto (Superior)	BTU/lb	ASTM D4868	Informar	19679
Poder Calorífico Neto (Inferior)	BTU/lb	ASTM D4868	Informar	18458
Gravedad API	°API	ASTM D4052	Informar	37,77
Gravedad Específica 60/60		ASTM D4052	Informar	0,8360
Densidad a 15°C	Kg/m ³	ASTM D4052	Informar	835,5
Peso Molecular Estimado		ASTM D2502	Informar	<250
*** Fin de los resultados de análisis***				

Condiciones ambientales de los ensayos:
Observaciones:

Jorge Herrera
 Gerente Laboratorio

(1) Declarado según el cliente.

(2) Los análisis reportados corresponden a la muestra suministrada al laboratorio por: Cliente; donde la misma se ha analizado por solicitud para verificar el cumplimiento de las especificaciones detalladas, sin aceptar ninguna responsabilidad adicional por parte de nuestro laboratorio.

(3) Nuestra responsabilidad en el ATESTIGUAMIENTO de Análisis se limita a presenciar que el análisis se esté practicando a la muestra correcta y de acuerdo al método previamente establecido. Por lo que el cliente acepta que OIL TEST INTERNACIONAL DE CHILE S.A. no es responsable de las condiciones del equipo, instrumento o aparatos de medición y que acepta los datos de calibración, reactivos y otros instrumentos o materiales utilizados tal como se presentan. OIL TEST INTERNACIONAL DE CHILE S.A. no es responsable de cualquier información proporcionada por el cliente que pueda afectar la validez de los resultados de análisis.

* Ensayo dentro del Alcance de Acreditación ISO 17025:2017

** Ensayo subcontratado a otro laboratorio

Todos los resultados contenidos dentro de este reporte corresponden exclusivamente a la muestra descrita.

Se prohíbe la reproducción total o parcial de este reporte sin la autorización escrita de OIL TEST INTERNACIONAL DE CHILE S.A.

Fin del Reporte

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Página 2 de 7

REPORTE DE ANÁLISIS

Nuestra Referencia	: OTICH21-20729	Cliente	: Colbun S.A.
Producto⁽¹⁾	: Petróleo Diesel	Contacto (s)	: Mitchell Zuñiga
Identificación de la Muestra	: 7176	Email	: mczuniga@colbun.cl
N° de Sello	: Sin Antecedentes	Dirección	: Av. Apoquindo 4775 Piso 22, Santiago
Muestra Obtenida por⁽²⁾	: Cliente	Ref. Cliente	: COTICH19-180
Ubicación del Muestreo	: Nehuenco II		
Tipo de Muestreo	: Muestra Proporcional al Flujo	Fecha de Recepción de Muestra	: 09/02/2021
Fecha de Muestreo	: Sin Antecedentes	Fecha Inicio de Análisis	: 12/02/2021
Plan/Método de Muestreo	: API / MPMS Chapter 8	Fecha Término de Análisis	: 15/02/2021
Responsable de Muestreo	: Cliente	Análisis realizados en	: Laboratorio OTI
Muestra Obtenida de	: 325 MW	Fecha de Emisión de Reporte	: 17/02/2021

<input checked="" type="checkbox"/> Analizado	<input type="checkbox"/> Atestiguado⁽³⁾	<input type="checkbox"/> Preliminar	<input checked="" type="checkbox"/> Final	
Ensayos	Unidades	Métodos	Especificaciones	Resultados
Poder Calorífico Bruto (Superior)	BTU/lb	ASTM D4868	Informar	19679
Poder Calorífico Neto (Inferior)	BTU/lb	ASTM D4868	Informar	18458
Gravedad API	°API	ASTM D4052	Informar	37,75
Gravedad Específica 60/60		ASTM D4052	Informar	0,8360
Densidad a 15°C	Kg/m ³	ASTM D4052	Informar	835,6
Peso Molecular Estimado		ASTM D2502	Informar	<250
*** Fin de los resultados de análisis***				

Condiciones ambientales de los ensayos:
Observaciones:

Jorge Herrera
 Gerente Laboratorio

(1) Declarado según el cliente.

(2) Los análisis reportados corresponden a la muestra suministrada al laboratorio por: Cliente; donde la misma se ha analizado por solicitud para verificar el cumplimiento de las especificaciones detalladas, sin aceptar ninguna responsabilidad adicional por parte de nuestro laboratorio.

(3) Nuestra responsabilidad en el ATESTIGUAMIENTO de Análisis se limita a presenciar que el análisis se esté practicando a la muestra correcta y de acuerdo al método previamente establecido. Por lo que el cliente acepta que OIL TEST INTERNACIONAL DE CHILE S.A. no es responsable de las condiciones del equipo, instrumento o aparatos de medición y que acepta los datos de calibración, reactivos y otros instrumentos o materiales utilizados tal como se presentan. OIL TEST INTERNACIONAL DE CHILE S.A. no es responsable de cualquier información proporcionada por el cliente que pueda afectar la validez de los resultados de análisis.

* Ensayo dentro del Alcance de Acreditación ISO 17025:2017

** Ensayo subcontratado a otro laboratorio

Todos los resultados contenidos dentro de este reporte corresponden exclusivamente a la muestra descrita.

Se prohíbe la reproducción total o parcial de este reporte sin la autorización escrita de OIL TEST INTERNACIONAL DE CHILE S.A.

Fin del Reporte

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Página 3 de 7

REPORTE DE ANÁLISIS

Nuestra Referencia	: OTICH21-20729	Cliente	: Colbun S.A.
Producto⁽¹⁾	: Petróleo Diesel	Contacto (s)	: Mitchell Zuñiga
Identificación de la Muestra	: 7177	Email	: mczuniga@colbun.cl
N° de Sello	: Sin Antecedentes	Dirección	: Av. Apoquindo 4775 Piso 22, Santiago
Muestra Obtenida por⁽²⁾	: Cliente	Ref. Cliente	: COTICH19-180
Ubicación del Muestreo	: Nehuenco II	Fecha de Recepción de Muestra	: 09/02/2021
Tipo de Muestreo	: Muestra Proporcional al Flujo	Fecha Inicio de Análisis	: 12/02/2021
Fecha de Muestreo	: Sin Antecedentes	Fecha Término de Análisis	: 15/02/2021
Plan/Método de Muestreo	: API / MPMS Chapter 8	Análisis realizados en	: Laboratorio OTI
Responsable de Muestreo	: Cliente	Fecha de Emisión de Reporte	: 17/02/2021
Muestra Obtenida de	: 290 MW		

<input checked="" type="checkbox"/> Analizado	<input type="checkbox"/> Atestiguado⁽³⁾	<input type="checkbox"/> Preliminar	<input checked="" type="checkbox"/> Final	
Ensayos	Unidades	Métodos	Especificaciones	Resultados
Poder Calorífico Bruto (Superior)	BTU/lb	ASTM D4868	Informar	19678
Poder Calorífico Neto (Inferior)	BTU/lb	ASTM D4868	Informar	18457
Gravedad API	°API	ASTM D4052	Informar	37,72
Gravedad Específica 60/60		ASTM D4052	Informar	0,8362
Densidad a 15°C	Kg/m ³	ASTM D4052	Informar	835,7
Peso Molecular Estimado		ASTM D2502	Informar	<250
*** Fin de los resultados de análisis***				

Condiciones ambientales de los ensayos:
Observaciones:
Jorge Herrera
 Gerente Laboratorio

(1) Declarado según el cliente.

(2) Los análisis reportados corresponden a la muestra suministrada al laboratorio por: Cliente; donde la misma se ha analizado por solicitud para verificar el cumplimiento de las especificaciones detalladas, sin aceptar ninguna responsabilidad adicional por parte de nuestro laboratorio.

(3) Nuestra responsabilidad en el ATESTIGUAMIENTO de Análisis se limita a presenciar que el análisis se esté practicando a la muestra correcta y de acuerdo al método previamente establecido. Por lo que el cliente acepta que OIL TEST INTERNACIONAL DE CHILE S.A. no es responsable de las condiciones del equipo, instrumento o aparatos de medición y que acepta los datos de calibración, reactivos y otros instrumentos o materiales utilizados tal como se presentan. OIL TEST INTERNACIONAL DE CHILE S.A. no es responsable de cualquier información proporcionada por el cliente que pueda afectar la validez de los resultados de análisis.

* Ensayo dentro del Alcance de Acreditación ISO 17025:2017

** Ensayo subcontratado a otro laboratorio

Todos los resultados contenidos dentro de este reporte corresponden exclusivamente a la muestra descrita.

Se prohíbe la reproducción total o parcial de este reporte sin la autorización escrita de OIL TEST INTERNACIONAL DE CHILE S.A.

Fin del Reporte

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Página 4 de 7

REPORTE DE ANÁLISIS

Nuestra Referencia	: OTICH21-20729	Cliente	: Colbun S.A.
Producto⁽¹⁾	: Petróleo Diesel	Contacto (s)	: Mitchell Zuñiga
Identificación de la Muestra	: 7178	Email	: mczuniga@colbun.cl
N° de Sello	: Sin Antecedentes	Dirección	: Av. Apoquindo 4775 Piso 22, Santiago
Muestra Obtenida por⁽²⁾	: Cliente	Ref. Cliente	: COTICH19-180
Ubicación del Muestreo	: Nehuenco II	Fecha de Recepción de Muestra	: 09/02/2021
Tipo de Muestreo	: Muestra Proporcional al Flujo	Fecha Inicio de Análisis	: 12/02/2021
Fecha de Muestreo	: Sin Antecedentes	Fecha Término de Análisis	: 15/02/2021
Plan/Método de Muestreo	: API / MPMS Chapter 8	Análisis realizados en	: Laboratorio OTI
Responsable de Muestreo	: Cliente	Fecha de Emisión de Reporte	: 17/02/2021
Muestra Obtenida de	: 255 MW		

<input checked="" type="checkbox"/> Analizado	<input type="checkbox"/> Atestiguado⁽³⁾	<input type="checkbox"/> Preliminar	<input checked="" type="checkbox"/> Final	
Ensayos	Unidades	Métodos	Especificaciones	Resultados
Poder Calorífico Bruto (Superior)	BTU/lb	ASTM D4868	Informar	19677
Poder Calorífico Neto (Inferior)	BTU/lb	ASTM D4868	Informar	18457
Gravedad API	°API	ASTM D4052	Informar	37,72
Gravedad Específica 60/60		ASTM D4052	Informar	0,8362
Densidad a 15°C	Kg/m ³	ASTM D4052	Informar	358,8
Peso Molecular Estimado		ASTM D2502	Informar	<250
*** Fin de los resultados de análisis***				

Condiciones ambientales de los ensayos:
Observaciones:

Jorge Herrera
 Gerente Laboratorio

(1) Declarado según el cliente.

(2) Los análisis reportados corresponden a la muestra suministrada al laboratorio por: Cliente; donde la misma se ha analizado por solicitud para verificar el cumplimiento de las especificaciones detalladas, sin aceptar ninguna responsabilidad adicional por parte de nuestro laboratorio.

(3) Nuestra responsabilidad en el ATESTIGUAMIENTO de Análisis se limita a presenciar que el análisis se esté practicando a la muestra correcta y de acuerdo al método previamente establecido. Por lo que el cliente acepta que OIL TEST INTERNACIONAL DE CHILE S.A. no es responsable de las condiciones del equipo, instrumento o aparatos de medición y que acepta los datos de calibración, reactivos y otros instrumentos o materiales utilizados tal como se presentan. OIL TEST INTERNACIONAL DE CHILE S.A. no es responsable de cualquier información proporcionada por el cliente que pueda afectar la validez de los resultados de análisis.

* Ensayo dentro del Alcance de Acreditación ISO 17025:2017

** Ensayo subcontratado a otro laboratorio

Todos los resultados contenidos dentro de este reporte corresponden exclusivamente a la muestra descrita.

Se prohíbe la reproducción total o parcial de este reporte sin la autorización escrita de OIL TEST INTERNACIONAL DE CHILE S.A.

Fin del Reporte

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Página 5 de 7

REPORTE DE ANÁLISIS

Nuestra Referencia	: OTICH21-20729	Cliente	: Colbun S.A.
Producto ⁽¹⁾	: Petróleo Diesel	Contacto (s)	: Mitchell Zuñiga
Identificación de la Muestra	: 7179	Email	: mczuniga@colbun.cl
N° de Sello	: Sin Antecedentes	Dirección	: Av. Apoquindo 4775 Piso 22, Santiago
Muestra Obtenida por ⁽²⁾	: Cliente	Ref. Cliente	: COTICH19-180
Ubicación del Muestreo	: Nehuenco II	Fecha de Recepción de Muestra	: 09/02/2021
Tipo de Muestreo	: Muestra Proporcional al Flujo	Fecha Inicio de Análisis	: 12/02/2021
Fecha de Muestreo	: Sin Antecedentes	Fecha Término de Análisis	: 15/02/2021
Plan/Método de Muestreo	: API / MPMS Chapter 8	Análisis realizados en	: Laboratorio OTI
Responsable de Muestreo	: Cliente	Fecha de Emisión de Reporte	: 17/02/2021
Muestra Obtenida de	: 225 MW		

<input checked="" type="checkbox"/> Analizado	<input type="checkbox"/> Atestiguado ⁽³⁾	<input type="checkbox"/> Preliminar	<input checked="" type="checkbox"/> Final	
Ensayos	Unidades	Métodos	Especificaciones	Resultados
Poder Calorífico Bruto (Superior)	BTU/lb	ASTM D4868	Informar	19678
Poder Calorífico Neto (Inferior)	BTU/lb	ASTM D4868	Informar	18457
Gravedad API	°API	ASTM D4052	Informar	37,71
Gravedad Específica 60/60		ASTM D4052	Informar	0,8362
Densidad a 15°C	Kg/m ³	ASTM D4052	Informar	835,8
Peso Molecular Estimado		ASTM D2502	Informar	<250
*** Fin de los resultados de análisis***				

Condiciones ambientales de los ensayos:
Observaciones:

Jorge Herrera
 Gerente Laboratorio

(1) Declarado según el cliente.

(2) Los análisis reportados corresponden a la muestra suministrada al laboratorio por: Cliente; donde la misma se ha analizado por solicitud para verificar el cumplimiento de las especificaciones detalladas, sin aceptar ninguna responsabilidad adicional por parte de nuestro laboratorio.

(3) Nuestra responsabilidad en el ATESTIGUAMIENTO de Análisis se limita a presenciar que el análisis se esté practicando a la muestra correcta y de acuerdo al método previamente establecido. Por lo que el cliente acepta que OIL TEST INTERNACIONAL DE CHILE S.A. no es responsable de las condiciones del equipo, instrumento o aparatos de medición y que acepta los datos de calibración, reactivos y otros instrumentos o materiales utilizados tal como se presentan. OIL TEST INTERNACIONAL DE CHILE S.A. no es responsable de cualquier información proporcionada por el cliente que pueda afectar la validez de los resultados de análisis.

* Ensayo dentro del Alcance de Acreditación ISO 17025:2017

** Ensayo subcontratado a otro laboratorio

Todos los resultados contenidos dentro de este reporte corresponden exclusivamente a la muestra descrita.

Se prohíbe la reproducción total o parcial de este reporte sin la autorización escrita de OIL TEST INTERNACIONAL DE CHILE S.A.

Fin del Reporte

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Página 6 de 7

REPORTE DE ANÁLISIS

Nuestra Referencia	: OTICH21-20729	Cliente	: Colbun S.A.
Producto⁽¹⁾	: Petróleo Diesel	Contacto (s)	: Mitchell Zuñiga
Identificación de la Muestra	: 7180	Email	: mczuniga@colbun.cl
N° de Sello	: Sin Antecedentes	Dirección	: Av. Apoquindo 4775 Piso 22, Santiago
Muestra Obtenida por⁽²⁾	: Cliente	Ref. Cliente	: COTICH19-180
Ubicación del Muestreo	: Nehuenco II		
Tipo de Muestreo	: Muestra Proporcional al Flujo	Fecha de Recepción de Muestra	: 09/02/2021
Fecha de Muestreo	: Sin Antecedentes	Fecha Inicio de Análisis	: 12/02/2021
Plan/Método de Muestreo	: API / MPMS Chapter 8	Fecha Término de Análisis	: 15/02/2021
Responsable de Muestreo	: Cliente	Análisis realizados en	: Laboratorio OTI
Muestra Obtenida de	: 195 MW	Fecha de Emisión de Reporte	: 17/02/2021

<input checked="" type="checkbox"/> Analizado	<input type="checkbox"/> Atestiguado⁽³⁾	<input type="checkbox"/> Preliminar	<input checked="" type="checkbox"/> Final	
Ensayos	Unidades	Métodos	Especificaciones	Resultados
Poder Calorífico Bruto (Superior)	BTU/lb	ASTM D4868	Informar	19677
Poder Calorífico Neto (Inferior)	BTU/lb	ASTM D4868	Informar	18457
Gravedad API	°API	ASTM D4052	Informar	37,71
Gravedad Específica 60/60		ASTM D4052	Informar	0,8363
Densidad a 15°C	Kg/m ³	ASTM D4052	Informar	835,8
Peso Molecular Estimado		ASTM D2502	Informar	<250
*** Fin de los resultados de análisis***				

Condiciones ambientales de los ensayos:
Observaciones:

Jorge Herrera
 Gerente Laboratorio

(1) Declarado según el cliente.

(2) Los análisis reportados corresponden a la muestra suministrada al laboratorio por: Cliente; donde la misma se ha analizado por solicitud para verificar el cumplimiento de las especificaciones detalladas, sin aceptar ninguna responsabilidad adicional por parte de nuestro laboratorio.

(3) Nuestra responsabilidad en el ATESTIGUAMIENTO de Análisis se limita a presenciar que el análisis se esté practicando a la muestra correcta y de acuerdo al método previamente establecido. Por lo que el cliente acepta que OIL TEST INTERNACIONAL DE CHILE S.A. no es responsable de las condiciones del equipo, instrumento o aparatos de medición y que acepta los datos de calibración, reactivos y otros instrumentos o materiales utilizados tal como se presentan. OIL TEST INTERNACIONAL DE CHILE S.A. no es responsable de cualquier información proporcionada por el cliente que pueda afectar la validez de los resultados de análisis.

* Ensayo dentro del Alcance de Acreditación ISO 17025:2017

** Ensayo subcontratado a otro laboratorio

Todos los resultados contenidos dentro de este reporte corresponden exclusivamente a la muestra descrita.

Se prohíbe la reproducción total o parcial de este reporte sin la autorización escrita de OIL TEST INTERNACIONAL DE CHILE S.A.

Fin del Reporte

PÁGINA 96/377

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A – 4 Protocolo de Mediciones

OPERACIÓN y MANTENIMIENTO INDUSTRIAL

Flujo Energía Limitada

Nueva York 53 Oficina 61 - Santiago

Consumo diesel Nehuenco II 02-02-2021

395MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	76.131,78	829,41	3,66	22,91		
DESV EST	134,6249	0,0166	0,0063	0,0091		
%DESV EST	0,1768%	0,0020%	0,1722%	0,0398%		
DATOS	721	721	721	721	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	1:00:00				CONSUMO [l/h]	76.067,00
Tiempo	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]	TOT_GLOBAL_TG2	
7:30:02	76207,73438	829,3861694	3,653925657	22,92812729	14882902	
7:30:07	76067,64844	829,3722534	3,660297871	22,92812729	14883007	
7:30:12	76089,49219	829,3701782	3,648827791	22,93347549	14883113	
7:30:17	76351,80469	829,3954468	3,65265131	22,93347549	14883219	
7:30:22	76326,8125	829,3988037	3,657111645	22,93347549	14883325	
7:30:27	76231,25	829,4116821	3,667307377	22,93347549	14883431	
7:30:32	76086,98438	829,406189	3,663483858	22,93882179	14883536	
7:30:37	76036,80469	829,4314575	3,660297871	22,93882179	14883642	
7:30:42	76112,89844	829,371521	3,65265131	22,93347549	14883748	
7:30:47	76038,85938	829,3919678	3,653288364	22,93347549	14883853	
7:30:52	76228,91406	829,4193726	3,647553205	22,93347549	14883959	
7:30:57	76302,76563	829,4077759	3,648827791	22,92812729	14884065	
7:31:02	76329,14844	829,380127	3,649465084	22,92812729	14884171	
7:31:07	76374,02344	829,4191284	3,65265131	22,92812729	14884277	
7:31:12	76184,61719	829,4030762	3,664758205	22,92812729	14884383	
7:31:17	76161,16406	829,3953247	3,653925657	22,92812729	14884489	
7:31:22	76182,38281	829,4231567	3,656474352	22,92812729	14884595	
7:31:27	76496,30469	829,392334	3,655837297	22,92812729	14884701	
7:31:32	76232,75781	829,3797607	3,660934925	22,92812729	14884807	
7:31:37	76017,20313	829,3793945	3,660934925	22,92812729	14884912	
7:31:42	75991,21875	829,4002686	3,657748699	22,93347549	14885018	
7:31:47	76111,67969	829,3886108	3,654562712	22,93347549	14885123	
7:31:52	76207,82813	829,4035645	3,650102139	22,93347549	14885229	
7:31:57	76206,79688	829,4025879	3,650739193	22,93347549	14885335	
7:32:02	76206,24219	829,4177856	3,652013779	22,93347549	14885441	
7:32:07	76040,71875	829,4016724	3,661572218	22,93347549	14885547	
7:32:12	75847,04688	829,4266968	3,669218779	22,93347549	14885652	
7:32:17	75823,83594	829,3724976	3,655837297	22,93347549	14885758	
7:32:22	76184,27344	829,3810425	3,648190737	22,93347549	14885863	
7:32:27	76378,44531	829,3509521	3,655837297	22,93347549	14885969	
7:32:32	76207,51563	829,414978	3,655199766	22,93347549	14886075	
7:32:37	76183,82031	829,4074097	3,659023285	22,93347549	14886181	
7:32:42	76158,75	829,4094849	3,646916151	22,93347549	14886287	
7:32:47	76254,85156	829,3955688	3,645004749	22,93347549	14886393	
7:32:52	76279,60156	829,3875122	3,648190737	22,93347549	14886499	
7:32:57	76352,28906	829,3999634	3,663483858	22,93347549	14886605	
7:33:02	76230,97656	829,4038696	3,657748699	22,93347549	14886711	
7:33:07	76088,73438	829,378418	3,655199766	22,93347549	14886816	
7:33:12	75921,13281	829,3924561	3,664758205	22,93347549	14886922	
7:33:17	76017,17188	829,3756104	3,655199766	22,93347549	14887027	
7:33:22	76204,75781	829,4040527	3,643092632	22,93347549	14887133	
7:33:27	76279,96094	829,3719482	3,645641804	22,92812729	14887239	
7:33:32	76301,61719	829,416687	3,659023285	22,92812729	14887345	
7:33:37	76066,35938	829,3795166	3,655837297	22,92812729	14887451	
7:33:42	76253,55469	829,4396362	3,648827791	22,92812729	14887556	
7:33:47	76229,59375	829,4104614	3,646278858	22,92812729	14887662	
7:33:52	76136,63281	829,3897705	3,652013779	22,92812729	14887768	
7:33:57	76207,89063	829,4099121	3,654562712	22,92812729	14887874	
7:34:02	76254,10156	829,4151611	3,653288364	22,92812729	14887980	
7:34:07	76183,11719	829,399292	3,648190737	22,92277908	14888086	
7:34:12	76259,66406	829,3579712	3,655199766	22,92277908	14888192	
7:34:17	76329,23438	829,3899536	3,653925657	22,92812729	14888298	
7:34:22	76231,07813	829,4068604	3,651376724	22,92812729	14888404	
7:34:27	76229,22656	829,4158325	3,654562712	22,92812729	14888509	
7:34:32	76324,83594	829,4118042	3,654562712	22,92812729	14888615	
7:34:37	76160,53906	829,3930054	3,657748699	22,92812729	14888721	
7:34:42	76159,875	829,4026489	3,655199766	22,92812729	14888827	
7:34:47	76134,71094	829,4233398	3,657111645	22,92812729	14888933	
7:34:52	76256,25781	829,3932495	3,656474352	22,92812729	14889038	
7:34:57	76278,21875	829,4229736	3,655199766	22,92812729	14889144	
7:35:02	76255,99219	829,4071045	3,656474352	22,92812729	14889250	
7:35:07	76302,39063	829,3877563	3,650739193	22,93347549	14889356	
7:35:12	76134,88281	829,423584	3,65838623	22,93347549	14889462	
7:35:17	76066,20313	829,3847046	3,666032791	22,92812729	14889568	
7:35:22	76013,21875	829,4276733	3,663483858	22,92812729	14889673	
7:35:27	76085,22656	829,4278564	3,653288364	22,92277908	14889779	
7:35:32	76088,97656	829,3848877	3,657748699	22,92277908	14889884	
7:35:37	75924,3125	829,3598022	3,662209272	22,92277908	14889990	
7:35:42	75920,39844	829,3917236	3,646916151	22,92277908	14890095	
7:35:47	76208,53125	829,3936157	3,65838623	22,92277908	14890201	
7:35:52	76231,58594	829,3955078	3,650102139	22,92277908	14890307	
7:35:57	76254,25	829,4094849	3,650739193	22,92277908	14890413	
7:36:02	76230,51563	829,399292	3,651376724	22,91765594	14890519	
7:36:07	76158,74219	829,4137573	3,651376724	22,91765594	14890625	
7:36:12	76135,17188	829,4081421	3,649465084	22,91765594	14890730	
7:36:17	76136,85938	829,4093018	3,657111645	22,91765594	14890836	
7:36:22	76253,14063	829,4227905	3,650102139	22,91765594	14890942	
7:36:27	76328,8125	829,3997803	3,65265131	22,91765594	14891048	
7:36:32	76280,30469	829,411499	3,646916151	22,91765594	14891154	
7:36:37	76207,45313	829,4036865	3,656474352	22,91765594	14891260	
7:36:42	76208,60156	829,401062	3,657111645	22,91765594	14891365	
7:36:47	76258,72656	829,3759766	3,653925657	22,91765594	14891471	
7:36:52	76209,05469	829,4134521	3,657748699	22,9125309	14891577	
7:36:57	76135,09375	829,4182129	3,656474352	22,91765594	14891683	
7:37:02	76254,30469	829,4180908	3,657748699	22,91765594	14891789	
7:37:07	76302,45313	829,4069214	3,650739193	22,9125309	14891895	
7:37:12	76112,20313	829,4098511	3,657748699	22,9125309	14892001	
7:37:17	76110,25	829,4284058	3,660297871	22,91765594	14892107	
7:37:22	76112,30469	829,404541	3,657111645	22,91765594	14892212	
7:37:27	76232,36719	829,4110718	3,657748699	22,91765594	14892318	
7:37:32	76205,71094	829,4307251	3,65265131	22,9125309	14892424	
7:37:37	76158,10938	829,4306641	3,653288364	22,90718269	14892530	
7:37:42	76232,42969	829,4086304	3,659023285	22,90718269	14892635	
7:37:47	76087,03125	829,4307861	3,652013779	22,9125309	14892741	
7:37:52	76136,69531	829,4035645	3,664120913	22,9125309	14892847	
7:37:57	76277,46875	829,4090576	3,647553205	22,9125309	14892953	
7:38:02	76137,375	829,4042358	3,657748699	22,9125309	14893059	
7:38:07	76160,96094	829,3865356	3,664120913	22,9125309	14893164	
7:38:12	76165,25	829,3615112	3,659660339	22,90718269	14893270	
7:38:17	76042,74219	829,3762817	3,654562712	22,90718269	14893376	
7:38:22	75992,33594	829,4088745	3,653925657	22,90718269	14893481	
7:38:27	75992,96094	829,3970337	3,662209272	22,90718269	14893587	
7:38:32	76041,97656	829,3958113	3,65838623	22,9125309	14893692	
7:38:37	76159,25	829,4080811	3,647553205	22,9125309	14893798	
7:38:42	76208,72656	829,4172974	3,651376724	22,90718269	14893904	
7:38:47	76447,44531	829,4122314	3,647553205	22,90718269	14894010	
7:38:52	76277,6875	829,4492188	3,65838623	22,90718269	14894116	
7:38:57	76208,85156	829,4102173	3,659023285	22,90718269	14894222	
7:39:02	75970,88281	829,3859863	3,65838623	22,90718269	14894328	
7:39:07	75968,59375	829,4077759	3,657748699	22,90718269	14894433	
7:39:12	76183,125	829,399292	3,652013779	22,90718269	14894539	
7:39:17	76306,01563	829,3861694	3,650739193	22,90718269	14894645	
7:39:22	76422,83594	829,421875	3,659023285	22,90718269	14894751	
7:39:27	76211,21875	829,3850708	3,659660339	22,9125309	14894857	
7:39:32	76162,44531	829,3886719	3,667307377	22,9125309	14894963	
7:39:37	76087,03906	829,4152832	3,652013779	22,9125309	14895068	
7:39:42	76185,51563	829,3812256	3,646916151	22,90718269	14895174	
7:39:47	76255,32031	829,4075317	3,65838623	22,90718269	14895280	
7:39:52	76351,375	829,4101563	3,655199766	22,90718269	14895386	
7:39:57	76137,94531	829,3986816	3,657748699	22,90718269		

Consumo diesel Nehuenco II 02-02-2021

395MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	76.131,78	829,41	3,66	22,91		
DESVEST	134,6249	0,0166	0,0063	0,0091		
%DESVEST	0,1768%	0,0020%	0,1722%	0,0398%		
DATOS	721	721	721	721	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	1:00:00				CONSUMO [l/h]	76.067,00
7:40:12	76066,46875	829,3778076	3,649465084	22,90718269		14895809
7:40:17	76210,80469	829,3924561	3,648827791	22,9018364		14895914
7:40:22	76183,23438	829,4231567	3,653288364	22,89648819		14896020
7:40:27	76282,69531	829,3892822	3,657111645	22,89648819		14896126
7:40:32	76423,88281	829,4331665	3,648190737	22,89648819		14896232
7:40:37	76235,25781	829,3971558	3,660297871	22,89648819		14896338
7:40:42	76136,08594	829,4081421	3,657111645	22,9018364		14896444
7:40:47	76064,66406	829,3969727	3,656474352	22,90718269		14896550
7:40:52	76066,10938	829,4023438	3,662209272	22,90718269		14896655
7:40:57	76065,53125	829,4070435	3,654562712	22,90718269		14896761
7:41:02	76087,45313	829,423584	3,650739193	22,90718269		14896867
7:41:07	76060,82813	829,4266968	3,663483858	22,9018364		14896972
7:41:12	76160,19531	829,4089966	3,648827791	22,9018364		14897078
7:41:17	76088,29688	829,4192505	3,65838623	22,9018364		14897184
7:41:22	76115,60938	829,3781738	3,661572218	22,9018364		14897289
7:41:27	76206,27344	829,4227905	3,655837297	22,9018364		14897395
7:41:32	76282,28125	829,4067383	3,659660339	22,9018364		14897501
7:41:37	76015,48438	829,4134521	3,655199766	22,9018364		14897607
7:41:42	75945,26563	829,4077759	3,661572218	22,9018364		14897712
7:41:47	76113,38281	829,4219971	3,659023285	22,9018364		14897818
7:41:52	76424,85156	829,4151001	3,643092632	22,9018364		14897924
7:41:57	76400,92969	829,4030151	3,654562712	22,9018364		14898030
7:42:02	76210,65625	829,3979492	3,660297871	22,90718269		14898136
7:42:07	76088,14063	829,4050903	3,660297871	22,90718269		14898242
7:42:12	75919,11719	829,4249878	3,657748699	22,90718269		14898347
7:42:17	76232,89844	829,4024658	3,649465084	22,9018364		14898453
7:42:22	76300,35156	829,446106	3,653288364	22,9018364		14898559
7:42:27	75967,57031	829,373291	3,661572218	22,9018364		14898665
7:42:32	76113,59375	829,4016113	3,655837297	22,9018364		14898770
7:42:37	76278,6875	829,4293213	3,645004749	22,9018364		14898876
7:42:42	76209,46094	829,4033203	3,661572218	22,9018364		14898982
7:42:47	76328,45313	829,4029541	3,649465084	22,90718269		14899088
7:42:52	76134,69531	829,4215698	3,662209272	22,90718269		14899194
7:42:57	76089,92969	829,3841553	3,660934925	22,9018364		14899300
7:43:02	76020,0625	829,3786011	3,659660339	22,9018364		14899405
7:43:07	76134,80469	829,4113159	3,646278858	22,9018364		14899511
7:43:12	76232,15625	829,4036865	3,657748699	22,9018364		14899617
7:43:17	76209,82031	829,4101563	3,650739193	22,9018364		14899723
7:43:22	76137,92969	829,3939209	3,656474352	22,9018364		14899828
7:43:27	76228,74219	829,4291382	3,646916151	22,90718269		14899934
7:43:32	76399,34375	829,4180908	3,65265131	22,90718269		14900040
7:43:37	76472,875	829,3954468	3,654562712	22,90718269		14900146
7:43:42	76210,32813	829,3953247	3,655199766	22,90718269		14900252
7:43:47	76017,03906	829,4160156	3,662209272	22,90718269		14900358
7:43:52	76064,51563	829,4043579	3,662209272	22,90718269		14900464
7:43:57	76088,96875	829,4046631	3,654562712	22,90718269		14900569
7:44:02	76256,6875	829,4172974	3,654562712	22,90718269		14900675
7:44:07	76185,72656	829,3886108	3,661572218	22,9125309		14900781
7:44:12	76017,53125	829,3883057	3,657748699	22,9125309		14900887
7:44:17	76065,14844	829,3917236	3,65265131	22,9125309		14900992
7:44:22	76113,22656	829,4060669	3,650739193	22,9125309		14901098
7:44:27	76086,60938	829,4331055	3,65265131	22,9125309		14901204
7:44:32	76040,69531	829,3883057	3,660297871	22,9125309		14901309
7:44:37	75994,36719	829,4016113	3,668581486	22,9125309		14901415
7:44:42	75874,72656	829,4042358	3,662209272	22,9125309		14901520
7:44:47	75919,34375	829,3966064	3,655837297	22,91765594		14901626
7:44:52	76061,34375	829,4384155	3,649465084	22,91765594		14901731
7:44:57	76350,15625	829,4173584	3,641181231	22,91765594		14901837
7:45:02	76664,38281	829,3966675	3,653288364	22,9125309		14901944
7:45:07	76184,30469	829,4126587	3,66539526	22,9125309		14902060
7:45:12	76110,28125	829,4216919	3,655199766	22,9125309		14902155
7:45:17	76018,33594	829,4085083	3,666032791	22,9125309		14902272
7:45:22	76088,76563	829,4069824	3,656474352	22,90718269		14902377
7:45:27	76086,46875	829,4331055	3,656474352	22,90718269		14902483
7:45:32	76231,5	829,4067993	3,656474352	22,9125309		14902578
7:45:37	76255,50781	829,4093018	3,652013779	22,9125309		14902695
7:45:42	76255,60156	829,4177246	3,659660339	22,9125309		14902790
7:45:47	76254,85938	829,4078979	3,653288364	22,9125309		14902906
7:45:52	76230,21094	829,4130249	3,647553205	22,9125309		14903012
7:45:57	76137,13281	829,4015503	3,661572218	22,9125309		14903118
7:46:02	76114,94531	829,3927002	3,660297871	22,9125309		14903224
7:46:07	76229,03125	829,4376221	3,65265131	22,9125309		14903330
7:46:12	76351,69531	829,3963623	3,653288364	22,9125309		14903436
7:46:17	76064,32031	829,394165	3,655837297	22,9125309		14903541
7:46:22	76016,75	829,388916	3,651376724	22,9125309		14903647
7:46:27	76112,36719	829,4124756	3,651376724	22,9125309		14903753
7:46:32	76207,11719	829,4215698	3,653925657	22,9125309		14903859
7:46:37	76448,00781	829,4127808	3,65838623	22,90718269		14903965
7:46:42	76231,5	829,4265747	3,65838623	22,90718269		14904071
7:46:47	76281,625	829,3984985	3,656474352	22,90718269		14904176
7:46:52	76138,6875	829,3898926	3,664758205	22,90718269		14904282
7:46:57	75971,16406	829,3933105	3,660297871	22,90718269		14904388
7:47:02	76112,85938	829,4108276	3,65838623	22,90718269		14904494
7:47:07	75995,8125	829,3779907	3,666032791	22,90718269		14904599
7:47:12	76113,72656	829,3950806	3,656474352	22,9018364		14904705
7:47:17	76209,5	829,3988647	3,653925657	22,9018364		14904811
7:47:22	76065,20313	829,4041748	3,655837297	22,90718269		14904916
7:47:27	76065,67969	829,4006348	3,666669846	22,90718269		14905022
7:47:32	76112,39063	829,4284058	3,655199766	22,90718269		14905128
7:47:37	76040,69531	829,4099121	3,65838623	22,90718269		14905233
7:47:42	76208,21094	829,4104004	3,662846804	22,90718269		14905339
7:47:47	76136,35156	829,4047241	3,657748699	22,90718269		14905445
7:47:52	76017,51563	829,4002686	3,657748699	22,90718269		14905551
7:47:57	76066,71094	829,4007568	3,660934925	22,90718269		14905656
7:48:02	76208,40625	829,3937988	3,646916151	22,9125309		14905762
7:48:07	76139,39063	829,3791504	3,660297871	22,9125309		14905868
7:48:12	76162,25	829,4082642	3,660297871	22,9125309		14905973
7:48:17	76160,28125	829,418396	3,662846804	22,90718269		14906079
7:48:22	76135,64844	829,4033813	3,65265131	22,90718269		14906185
7:48:27	76161,11719	829,3916626	3,646916151	22,90718269		14906291
7:48:32	76208,80469	829,4102173	3,653288364	22,90718269		14906397
7:48:37	76373,25781	829,4265137	3,646916151	22,90718269		14906503
7:48:42	76305,0625	829,3988037	3,65838623	22,90718269		14906609
7:48:47	76351,53125	829,4196167	3,649465084	22,90718269		14906715
7:48:52	76232,71094	829,390564	3,660297871	22,90718269		14906821
7:48:57	76233,13281	829,4078369	3,652013779	22,90718269		14906926
7:49:02	76255,74219	829,4165039	3,660297871	22,90718269		14907032
7:49:07	76020,08594	829,3770142	3,65838623	22,9018364		14907138
7:49:12	76137,09375	829,399292	3,65838623	22,90718269		14907244
7:49:17	76375,21875	829,4108887	3,648190737	22,90718269		14907350
7:49:22	76278,26563	829,4390259	3,655837297	22,9018364		1490

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395MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	76.131,78	829,41	3,66	22,91		
DESVEST	134,6249	0,0166	0,0063	0,0091		
%DESVEST	0,1768%	0,0020%	0,1722%	0,0398%		
DATOS	721	721	721	721	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	1:00:00				CONSUMO [l/h]	76.067 76.067,00
7:50:27	76113,96875	829,4013062	3,661572218	22,9125309		14908830
7:50:32	76181,39844	829,4313354	3,65838623	22,9125309		14908936
7:50:37	76161,91406	829,3889771	3,659660339	22,9125309		14909041
7:50:42	76134,38281	829,4252319	3,648190737	22,9125309		14909147
7:50:47	76377,53125	829,4239502	3,659660339	22,9125309		14909253
7:50:52	76136,80469	829,4064941	3,664120913	22,9125309		14909359
7:50:57	76038,90625	829,4292603	3,657111645	22,9125309		14909464
7:51:02	76162,375	829,388916	3,65838623	22,9125309		14909570
7:51:07	76114,83594	829,3901367	3,657111645	22,90718269		14909676
7:51:12	76158,30469	829,4216309	3,653925657	22,9125309		14909782
7:51:17	76230,60156	829,4049683	3,654562712	22,9125309		14909887
7:51:22	76206,96094	829,3924561	3,65265131	22,9125309		14909993
7:51:27	76209,19531	829,3952026	3,655199766	22,9125309		14910099
7:51:32	76111,46094	829,397522	3,659660339	22,91765594		14910205
7:51:37	76182,36719	829,413208	3,650739193	22,92277908		14910311
7:51:42	76159,34375	829,4162598	3,659660339	22,92277908		14910417
7:51:47	76087,13281	829,4089355	3,65838623	22,92277908		14910522
7:51:52	75990,08594	829,4210815	3,651376724	22,92277908		14910628
7:51:57	76205,07813	829,416626	3,645004749	22,91765594		14910734
7:52:02	76375,01563	829,4099121	3,641818285	22,91765594		14910840
7:52:07	76327,39063	829,4209595	3,659660339	22,91765594		14910946
7:52:12	76184,36719	829,4057007	3,650102139	22,91765594		14911051
7:52:17	76041,50781	829,4002075	3,662846804	22,91765594		14911157
7:52:22	76136,15625	829,4098511	3,659023285	22,91765594		14911263
7:52:27	76279,6875	829,4087524	3,653925657	22,9125309		14911369
7:52:32	76254,88281	829,4165039	3,650739193	22,9125309		14911474
7:52:37	76158,01563	829,4505615	3,650102139	22,9125309		14911580
7:52:42	76184,71094	829,413147	3,643730164	22,9125309		14911686
7:52:47	76210,42969	829,3730469	3,659023285	22,9125309		14911792
7:52:52	76136,84375	829,4006348	3,660297871	22,9125309		14911898
7:52:57	76111,65625	829,4138794	3,660297871	22,9125309		14912003
7:53:02	75971,88281	829,3759155	3,667944431	22,9125309		14912109
7:53:07	76015,42188	829,4074097	3,652013779	22,91765594		14912214
7:53:12	76086,07031	829,4227295	3,656474352	22,91765594		14912320
7:53:17	76183,40625	829,388855	3,649465084	22,91765594		14912426
7:53:22	76231,71094	829,4110107	3,657748699	22,91765594		14912532
7:53:27	76065,03125	829,4019775	3,669218779	22,91765594		14912637
7:53:32	75991,29688	829,4176636	3,661572218	22,91765594		14912743
7:53:37	76111,35156	829,4118652	3,657111645	22,91765594		14912849
7:53:42	75989,53906	829,4242554	3,650102139	22,91765594		14912954
7:53:47	76155,97656	829,4338379	3,649465084	22,91765594		14913060
7:53:52	76230,10938	829,4240723	3,650739193	22,9125309		14913166
7:53:57	76113,60938	829,3915405	3,660297871	22,9125309		14913272
7:54:02	76111,09375	829,4169312	3,651376724	22,9125309		14913377
7:54:07	76159,85156	829,3959351	3,661572218	22,9125309		14913483
7:54:12	76016,28125	829,4193726	3,664758205	22,9125309		14913589
7:54:17	76111,5625	829,4005127	3,653925657	22,9125309		14913694
7:54:22	76183,875	829,4050903	3,654562712	22,9125309		14913800
7:54:27	76160,14844	829,4186401	3,65838623	22,9125309		14913906
7:54:32	75872,88281	829,4008789	3,667944431	22,9125309		14914012
7:54:37	76013,78906	829,4287109	3,655837297	22,90718269		14914117
7:54:42	76181,79688	829,4221191	3,646916151	22,90718269		14914223
7:54:47	76278,25	829,4341431	3,657748699	22,90718269		14914329
7:54:52	76041,875	829,4065552	3,657111645	22,90718269		14914434
7:54:57	76133,57031	829,4263306	3,657111645	22,90718269		14914540
7:55:02	76088,21094	829,4014893	3,65265131	22,90718269		14914646
7:55:07	76232,36719	829,3977661	3,656474352	22,90718269		14914752
7:55:12	76160,66406	829,4134521	3,660934925	22,90718269		14914857
7:55:17	76015,46875	829,4266968	3,65838623	22,90718269		14914963
7:55:22	76112,02344	829,4271851	3,662209272	22,90718269		14915069
7:55:27	76159,3125	829,413208	3,649465084	22,90718269		14915174
7:55:32	76184,83594	829,4040527	3,660297871	22,90718269		14915280
7:55:37	76087,85938	829,413269	3,65265131	22,90718269		14915386
7:55:42	76208,72656	829,4163208	3,659023285	22,90718269		14915492
7:55:47	75943,46875	829,4239502	3,657748699	22,9125309		14915597
7:55:52	76184,0625	829,4188232	3,650102139	22,90718269		14915703
7:55:57	76303,05469	829,4144287	3,657111645	22,90718269		14915809
7:56:02	76185,50781	829,4089966	3,660297871	22,9125309		14915915
7:56:07	76065,65625	829,3920288	3,660934925	22,91765594		14916021
7:56:12	76069,25781	829,3514404	3,65838623	22,91765594		14916126
7:56:17	76135,64063	829,4226074	3,657748699	22,91765594		14916232
7:56:22	76015,67969	829,4119263	3,660934925	22,91765594		14916338
7:56:27	76085,14844	829,4399414	3,649465084	22,91765594		14916443
7:56:32	76254,74219	829,40802	3,649465084	22,91765594		14916549
7:56:37	76278,79688	829,4112549	3,656474352	22,91765594		14916655
7:56:42	76137,01563	829,3988037	3,661572218	22,91765594		14916761
7:56:47	76042,17188	829,3851929	3,657748699	22,91765594		14916867
7:56:52	76157,96875	829,4312744	3,650739193	22,9125309		14916972
7:56:57	76159,53906	829,4130859	3,659660339	22,9125309		14917078
7:57:02	75921,23438	829,4107666	3,668581486	22,9125309		14917184
7:57:07	76064,51563	829,4066772	3,650739193	22,9125309		14917289
7:57:12	76254,45313	829,4125977	3,655199766	22,9125309		14917395
7:57:17	75991,96875	829,4034424	3,669855833	22,9125309		14917501
7:57:22	76064,32031	829,4060669	3,652013779	22,9125309		14917606
7:57:27	76206,84375	829,4193726	3,652013779	22,9125309		14917712
7:57:32	75967,16406	829,420166	3,657748699	22,9125309		14917818
7:57:37	76279,21875	829,40625	3,643730164	22,9125309		14917923
7:57:42	76186,71094	829,3848877	3,656474352	22,90718269		14918029
7:57:47	76017,64844	829,3990479	3,65265131	22,90718269		14918135
7:57:52	76161,23438	829,3990479	3,654562712	22,90718269		14918241
7:57:57	76110,71875	829,4230957	3,649465084	22,90718269		14918346
7:58:02	76327,3125	829,4216919	3,651376724	22,9125309		14918452
7:58:07	76227,96094	829,4682007	3,660297871	22,9125309		14918558
7:58:12	76041,28906	829,406311	3,661572218	22,9125309		14918664
7:58:17	75825,04688	829,4116211	3,671767712	22,91765594		14918769
7:58:22	75967,41406	829,4151001	3,648827791	22,91765594		14918875
7:58:27	76089,07813	829,4008179	3,662209272	22,9125309		14918991
7:58:32	76279,21094	829,4164429	3,645641804	22,9125309		14919097
7:58:37	76398,60938	829,3911743	3,645004749	22,9125309		14919118
7:58:42	76280,13281	829,4028931	3,664120913	22,9125309		14919224
7:58:47	75924,01563	829,4008179	3,690884113	22,9125309		14919330
7:58:52	75397,71875	829,3890991	3,701079607	22,9125309		14919435
7:58:57	75227,78906	829,3885498	3,683874846	22,91765594		14919539
7:59:02	75826,07031	829,3916626	3,662846804	22,92277908		14919644
7:59:07	75897,10156	829,397644	3,660934925	22,92277908		14919750
7:59:12	75848,75	829,3950806	3,651376724	22,92812729		14919855
7:59:17	76207,45313	829,3847656	3,651376724	22,92812729		14919961
7:59:22	76183,35156	829,430542	3,651376724	22,91765594		14920066
7:59:27	76301,95313	829,4204102	3,650102139	22,9125309		14920172
7:59:32	76279,91406	829,4033203	3,653288364	22,91765594		14920278
7:59:37	76111,35938	829,3970947	3,654562712	22,922		

Consumo diesel Nehuenco II 02-02-2021

395MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	76.131,78	829,41	3,66	22,91		
DESVEST	134,6249	0,0166	0,0063	0,0091		
%DESVEST	0,1768%	0,0020%	0,1722%	0,0398%		
DATOS	721	721	721	721	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	1:00:00				CONSUMO [l/h]	76.067
						76.067,00
8:00:42	76063,64844	829,4004517	3,65838623	22,91765594		14921758
8:00:47	76159,33594	829,4017944	3,650739193	22,92277908		14921864
8:00:52	76254,19531	829,4022827	3,639906645	22,92277908		14921970
8:00:57	76257,14844	829,3867188	3,65265131	22,92277908		14922076
8:01:02	76112,71875	829,3997803	3,655199766	22,92277908		14922182
8:01:07	76110,72656	829,4187012	3,655837297	22,92277908		14922287
8:01:12	75777,46094	829,4012451	3,669218779	22,92277908		14922393
8:01:17	75799,53125	829,4121094	3,648190737	22,91765594		14922498
8:01:22	76110,32031	829,4203491	3,643092632	22,91765594		14922604
8:01:27	76206,53125	829,4066162	3,650739193	22,91765594		14922709
8:01:32	76158,71875	829,4179688	3,645004749	22,91765594		14922815
8:01:37	76088,82031	829,401001	3,653288364	22,91765594		14922921
8:01:42	76231,32031	829,4150391	3,653925657	22,9125309		14923027
8:01:47	76064,80469	829,3950195	3,657748699	22,9125309		14923133
8:01:52	76181,35156	829,4126587	3,652013779	22,9125309		14923238
8:01:57	75872,76563	829,4187622	3,66539526	22,9125309		14923344
8:02:02	76086,98438	829,4196777	3,652013779	22,9125309		14923449
8:02:07	76062,29688	829,4048462	3,650102139	22,9125309		14923555
8:02:12	76065,09375	829,3951416	3,65265131	22,91765594		14923661
8:02:17	76112,44531	829,4054565	3,653925657	22,91765594		14923766
8:02:22	76159,875	829,4090576	3,660297871	22,91765594		14923872
8:02:27	75967,99219	829,3919678	3,660297871	22,91765594		14923978
8:02:32	76063,49219	829,3875122	3,657748699	22,91765594		14924083
8:02:37	76135,39063	829,4056396	3,654562712	22,91765594		14924189
8:02:42	76184,10938	829,4042358	3,654562712	22,91765594		14924295
8:02:47	76253,67188	829,4138184	3,647553205	22,9125309		14924401
8:02:52	76014,01563	829,4572144	3,653925657	22,91765594		14924506
8:02:57	76181,94531	829,406189	3,659023285	22,91765594		14924612
8:03:02	76108,35938	829,4310303	3,648827791	22,91765594		14924718
8:03:07	76184,71094	829,4016113	3,657748699	22,9125309		14924824
8:03:12	75919,27344	829,4180908	3,651376724	22,9125309		14924929
8:03:17	76039,29688	829,4125977	3,65265131	22,9125309		14925035
8:03:22	76257,14844	829,383728	3,652013779	22,91765594		14925140
8:03:27	76039,13281	829,4199829	3,651376724	22,91765594		14925246
8:03:32	75990,30469	829,4138794	3,650739193	22,91765594		14925352
8:03:37	76132,23438	829,4412842	3,643730164	22,91765594		14925457
8:03:42	76230,78906	829,4042358	3,641818285	22,91765594		14925563
8:03:47	76183,00781	829,4023438	3,646278858	22,91765594		14925669
8:03:52	76136,41406	829,383728	3,645641804	22,91765594		14925775
8:03:57	76109,27344	829,4160767	3,653288364	22,91765594		14925881
8:04:02	76108,88281	829,4248657	3,646916151	22,9125309		14925986
8:04:07	76231,03125	829,4102783	3,645641804	22,9125309		14926092
8:04:12	76184,86719	829,4103394	3,65265131	22,9125309		14926198
8:04:17	76232,42969	829,395874	3,653288364	22,9125309		14926304
8:04:22	75969,33594	829,3878784	3,666032791	22,91765594		14926409
8:04:27	75941,13281	829,414917	3,656474352	22,91765594		14926515
8:04:32	76065,10938	829,3914795	3,655199766	22,91765594		14926620
8:04:37	76207,28906	829,3994141	3,650102139	22,91765594		14926726
8:04:42	76086,49219	829,4234619	3,659023285	22,91765594		14926832
8:04:47	75942,46094	829,4422607	3,650102139	22,91765594		14926937
8:04:52	75943,69531	829,4161377	3,651376724	22,91765594		14927043
8:04:57	76083,66406	829,4520874	3,646916151	22,91765594		14927148
8:05:02	76277,16406	829,3936157	3,641818285	22,91765594		14927254
8:05:07	76230,02344	829,4291992	3,652013779	22,92277908		14927360
8:05:12	76208,5625	829,3974609	3,649465084	22,92277908		14927466
8:05:17	76207,41406	829,4033813	3,643730164	22,92277908		14927572
8:05:22	76209,47656	829,390564	3,657111645	22,92277908		14927678
8:05:27	76282,80469	829,3775024	3,654562712	22,92277908		14927784
8:05:32	76063,04688	829,4248657	3,653925657	22,92277908		14927890
8:05:37	76303,34375	829,3983154	3,653288364	22,92277908		14927995
8:05:42	76068,55469	829,361145	3,667307377	22,92277908		14928101
8:05:47	76064,03906	829,4265747	3,650739193	22,92277908		14928207
8:05:52	76087,89844	829,4182739	3,659023285	22,92277908		14928312
8:05:57	76232,5	829,3796387	3,651376724	22,92277908		14928418
8:06:02	76040,64844	829,3919067	3,659660339	22,92277908		14928524
8:06:07	76013,15625	829,4298096	3,660934925	22,92277908		14928630
8:06:12	75822,42188	829,4020996	3,650739193	22,92277908		14928735
8:06:17	76018,50781	829,3878784	3,653288364	22,92277908		14928841
8:06:22	76113,67188	829,3806152	3,656474352	22,92277908		14928946
8:06:27	76063,60156	829,3964844	3,650102139	22,92277908		14929052
8:06:32	76279,03906	829,4022827	3,643092632	22,92277908		14929158
8:06:37	76372,17969	829,4140015	3,643092632	22,92277908		14929264
8:06:42	76280,32813	829,4008789	3,65838623	22,92277908		14929370
8:06:47	76038,63281	829,414856	3,660934925	22,92277908		14929475
8:06:52	76089,44531	829,3901367	3,654562712	22,91765594		14929581
8:06:57	76352,92969	829,3898926	3,644367218	22,91765594		14929687
8:07:02	76377,23438	829,3917236	3,649465084	22,91765594		14929793
8:07:07	76136,89063	829,411438	3,66539526	22,91765594		14929899
8:07:12	76086,01563	829,4172363	3,656474352	22,91765594		14930005
8:07:17	75969,01563	829,3909912	3,655199766	22,91765594		14930110
8:07:22	76016,15625	829,4173584	3,659660339	22,91765594		14930216
8:07:27	76136,63281	829,3926392	3,666032791	22,91765594		14930322
8:07:32	76040,00781	829,4038086	3,662209272	22,91765594		14930427
8:07:37	75990,60938	829,4298706	3,650739193	22,91765594		14930533
8:07:42	76230,48438	829,4216309	3,646278858	22,91765594		14930638
8:07:47	76207,66406	829,3983765	3,653288364	22,91765594		14930744
8:07:52	76278,80469	829,4187012	3,657748699	22,91765594		14930850
8:07:57	75992,47656	829,3911743	3,65838623	22,9125309		14930956
8:08:02	76087,51563	829,4083862	3,65265131	22,9125309		14931061
8:08:07	75944,96875	829,3964844	3,654562712	22,9125309		14931167
8:08:12	75993,19531	829,4137573	3,661572218	22,91765594		14931273
8:08:17	76016,09375	829,4077148	3,657748699	22,91765594		14931378
8:08:22	75990,83594	829,4368286	3,657111645	22,91765594		14931484
8:08:27	75942,89844	829,4174194	3,649465084	22,91765594		14931589
8:08:32	76040,75	829,3942871	3,650102139	22,9125309		14931695
8:08:37	76278,25	829,4185181	3,648827791	22,9125309		14931801
8:08:42	76233,13281	829,3919067	3,657111645	22,9125309		14931906
8:08:47	76160,57031	829,4109497	3,661572218	22,9125309		14932012
8:08:52	76017,39063	829,4057007	3,653925657	22,9125309		14932118
8:08:57	76040,40625	829,4091797	3,649465084	22,9125309		14932224
8:09:02	76255,08594	829,4111328	3,642455578	22,9125309		14932329
8:09:07	76235,78125	829,3659058	3,657111645	22,9125309		14932435
8:09:12	76232,09375	829,4017334	3,65265131	22,9125309		14932541
8:09:17	76283,75781	829,3643799	3,651376724	22,9125309		14932647
8:09:22	76136,49219	829,4266968	3,660934925	22,91765594		14932753
8:09:27	76110,90625	829,4160156	3,657111645	22,91765594		14932859
8:09:32	75920,21094	829,3876343	3,667944431	22,90718269		14932964
8:09:37	75660,15625	829,3956888	3,666032791	22,90718269		14933069
8:09:42	75848,45313	829,4160156	3,646278858	22,90718269		14933175
8:09:47	76042,16406	829,3723145	3,655837297	22,90718269		14933280

Consumo diesel Nehuenco II 02-02-2021

395MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	76.131,78	829,41	3,66	22,91		
DESV EST	134,6249	0,0166	0,0063	0,0091		
%DESV EST	0,1768%	0,0020%	0,1722%	0,0398%		
DATOS	721	721	721	721	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	1:00:00				CONSUMO [l/h]	76.067
						76.067,00
8:10:57	76111,40625	829,4303589	3,655199766	22,9018364		14934760
8:11:02	75989,23438	829,4343872	3,649465084	22,9018364		14934866
8:11:07	75969,45313	829,3917236	3,659023285	22,90718269		14934971
8:11:12	76041,09375	829,3930664	3,645641804	22,90718269		14935077
8:11:17	76015,26563	829,4221191	3,653288364	22,90718269		14935183
8:11:22	76064,57813	829,3913574	3,65838623	22,90718269		14935288
8:11:27	76301,3125	829,4024048	3,643092632	22,90718269		14935394
8:11:32	76447,0625	829,4055176	3,644367218	22,90718269		14935500
8:11:37	76186,25	829,3930054	3,654562712	22,90718269		14935606
8:11:42	75943,82031	829,4080811	3,651376724	22,90718269		14935712
8:11:47	76041,35938	829,4023438	3,660934925	22,9018364		14935817
8:11:52	75921,39844	829,4069214	3,649465084	22,9018364		14935923
8:11:57	76015,76563	829,4104004	3,648827791	22,9018364		14936028
8:12:02	76304,22656	829,4190674	3,643730164	22,90718269		14936134
8:12:07	76399,64844	829,4177856	3,646916151	22,90718269		14936240
8:12:12	76112,05469	829,4147339	3,654562712	22,90718269		14936346
8:12:17	75896,99219	829,4130859	3,663483858	22,90718269		14936452
8:12:22	75754,57813	829,4013672	3,663483858	22,90718269		14936557
8:12:27	75919,24219	829,4265747	3,650102139	22,90718269		14936662
8:12:32	76109,54688	829,4215088	3,638632298	22,90718269		14936768
8:12:37	76353,6875	829,3900757	3,655199766	22,89648819		14936874
8:12:42	76161,61719	829,4038696	3,654562712	22,89648819		14936980
8:12:47	76042,35156	829,395874	3,657111645	22,9018364		14937085
8:12:52	75921,69531	829,4083862	3,659023285	22,9018364		14937191
8:12:57	76256,28906	829,4152222	3,645641804	22,9018364		14937296
8:13:02	76304,71875	829,3995361	3,645641804	22,9018364		14937402
8:13:07	76230,74219	829,4320679	3,659023285	22,9018364		14937508
8:13:12	76090,07031	829,4140625	3,666669846	22,90718269		14937614
8:13:17	76228,875	829,4204102	3,650102139	22,90718269		14937720
8:13:22	76138,64844	829,4022217	3,660934925	22,90718269		14937826
8:13:27	76206,95313	829,4310913	3,655837297	22,90718269		14937932
8:13:32	75893,17969	829,4370117	3,667944431	22,9018364		14938037
8:13:37	75846,44531	829,43396	3,659660339	22,89648819		14938143
8:13:42	75897,04688	829,4026489	3,654562712	22,9018364		14938248
8:13:47	75992,27344	829,4024658	3,65265131	22,9018364		14938353
8:13:52	76185,42188	829,3921509	3,656474352	22,9018364		14938459
8:13:57	76088,96875	829,4013062	3,650739193	22,9018364		14938565
8:14:02	76112,47656	829,4078369	3,651376724	22,9018364		14938671
8:14:07	76161,875	829,3986816	3,657748699	22,9018364		14938776
8:14:12	76086,69531	829,4341431	3,653925657	22,9018364		14938882
8:14:17	76086,83594	829,4378052	3,653288364	22,9018364		14938988
8:14:22	76160,90625	829,4047852	3,657111645	22,89648819		14939094
8:14:27	76090,03906	829,4068604	3,654562712	22,89648819		14939199
8:14:32	76306,125	829,3950195	3,65265131	22,9018364		14939305
8:14:37	76160,71094	829,4192505	3,65838623	22,9018364		14939411
8:14:42	76136,67969	829,3885498	3,649465084	22,9018364		14939517
8:14:47	76258,26563	829,3841553	3,657748699	22,9018364		14939623
8:14:52	76209,74219	829,394165	3,655837297	22,9018364		14939728
8:14:57	76088,82813	829,4053345	3,653925657	22,9018364		14939834
8:15:02	76161,76563	829,4154663	3,660297871	22,9018364		14939940
8:15:07	75966,25	829,4277344	3,655837297	22,9018364		14940046
8:15:12	76065,125	829,4155273	3,671130419	22,9018364		14940151
8:15:17	75873,69531	829,4241333	3,667944431	22,9018364		14940257
8:15:22	75944,14063	829,4242554	3,653925657	22,9018364		14940362
8:15:27	76063,49219	829,4113159	3,65265131	22,9018364		14940468
8:15:32	76039,28906	829,4143066	3,646916151	22,9018364		14940573
8:15:37	76231,0625	829,4165649	3,655837297	22,9018364		14940679
8:15:42	76160,78125	829,4041138	3,65265131	22,9018364		14940785
8:15:47	76304,30469	829,3977661	3,646916151	22,9018364		14940891
8:15:52	76420,32813	829,4289551	3,659023285	22,9018364		14940997
8:15:57	75920,44531	829,423645	3,66539526	22,9018364		14941103
8:16:02	75779,3125	829,3889771	3,662846804	22,9018364		14941208
8:16:07	75944,10156	829,4119873	3,655199766	22,9018364		14941313
8:16:12	76253,52344	829,4295654	3,638632298	22,89648819		14941419
8:16:17	76255,875	829,4289551	3,649465084	22,89648819		14941525
8:16:22	76280,07813	829,425354	3,655837297	22,89648819		14941631
8:16:27	76209,05469	829,4016724	3,657111645	22,89648819		14941737
8:16:32	75920,90625	829,4235229	3,655837297	22,89648819		14941842
8:16:37	75966,5	829,4146118	3,652013779	22,89648819		14941948
8:16:42	76179,57031	829,4423828	3,643092632	22,89648819		14942053
8:16:47	76327,52344	829,4291382	3,646916151	22,89648819		14942159
8:16:52	76256,39063	829,4224854	3,65838623	22,89648819		14942265
8:16:57	76160,8125	829,4225464	3,657111645	22,89648819		14942371
8:17:02	75848,3125	829,4234619	3,65265131	22,89648819		14942477
8:17:07	76062,32813	829,4203491	3,645641804	22,9018364		14942582
8:17:12	76135,82031	829,4127197	3,648827791	22,9018364		14942688
8:17:17	76113,67969	829,4139404	3,650102139	22,9018364		14942794
8:17:22	76090,41406	829,401062	3,653925657	22,89648819		14942899
8:17:27	76231,79688	829,4197388	3,65838623	22,89648819		14943005
8:17:32	76161,64844	829,4017944	3,652013779	22,9018364		14943111
8:17:37	76230,32031	829,4252319	3,656474352	22,9018364		14943217
8:17:42	75965,84375	829,4318237	3,663483858	22,9018364		14943323
8:17:47	75945,39844	829,4069214	3,656474352	22,9018364		14943428
8:17:52	76015,17188	829,4296875	3,660297871	22,9018364		14943534
8:17:57	76040,17188	829,4141846	3,654562712	22,9018364		14943639
8:18:02	76086,82813	829,4197388	3,647553205	22,9018364		14943745
8:18:07	76111,125	829,4317017	3,653288364	22,9018364		14943850
8:18:12	76015,8125	829,414856	3,657748699	22,9018364		14943956
8:18:17	75994,74219	829,4057007	3,648190737	22,9018364		14944062
8:18:22	76205,40625	829,4296875	3,651376724	22,9018364		14944167
8:18:27	76255,67188	829,4223022	3,655199766	22,9018364		14944273
8:18:32	76377,71094	829,4041138	3,659660339	22,9018364		14944379
8:18:37	76303,47656	829,4335327	3,657111645	22,9018364		14944485
8:18:42	76231,82031	829,4016113	3,655837297	22,9018364		14944591
8:18:47	76064,71875	829,4125366	3,657748699	22,9018364		14944697
8:18:52	76205,08594	829,4301758	3,646278858	22,9018364		14944802
8:18:57	76210,97656	829,3914185	3,65838623	22,9018364		14944908
8:19:02	76038,83594	829,4198608	3,656474352	22,9018364		14945014
8:19:07	76017,95313	829,4064941	3,664120913	22,9018364		14945120
8:19:12	76091,21094	829,4055786	3,663483858	22,9018364		14945225
8:19:17	76134,67188	829,4412231	3,655837297	22,9018364		14945331
8:19:22	76133,9375	829,4213257	3,645004749	22,9018364		14945437
8:19:27	76017,63281	829,4091797	3,655199766	22,9018364		14945542
8:19:32	76185,25	829,4361572	3,661572218	22,9018364		14945648
8:19:37	76039,78906	829,4176636	3,659023285	22,9018364		14945754
8:19:42	76086,49219	829,4221802	3,659660339	22,9018364		14945859
8:19:47	76063,23438	829,4302979	3,655199766	22,9018364		14945965
8:19:52	76086,92969	829,414917	3,652013779	22,9018364		14946071
8:19:57	76161,00781	829,4130859	3,659023285	22,9018364		14946176
8:20:02	76135,95313	829,4191895	3,659023285	22,9018364		14946282
8:20:07	76063,11719	829,4329834	3,661572218</			

Consumo diesel Nehuenco II 02-02-2021

395MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	76.131,78	829,41	3,66	22,91		
DESVEST	134,6249	0,0166	0,0063	0,0091		
%DESVEST	0,1768%	0,0020%	0,1722%	0,0398%		
DATOS	721	721	721	721	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	1:00:00				CONSUMO [l/h]	76.067
						76.067,00
8:21:12	76375,83594	829,4180298	3,650102139	22,89648819		14947762
8:21:17	76283,92188	829,390564	3,65838623	22,89648819		14947868
8:21:22	76135,82813	829,4229736	3,65265131	22,9018364		14947974
8:21:27	76181,89063	829,4331055	3,655199766	22,9018364		14948080
8:21:32	76158,86719	829,4217529	3,657748699	22,9018364		14948185
8:21:37	76113,64844	829,3948975	3,649465084	22,9018364		14948291
8:21:42	76135,98438	829,4124756	3,659023285	22,9018364		14948397
8:21:47	76158,875	829,4266968	3,647553205	22,9018364		14948503
8:21:52	76111,52344	829,4248047	3,659023285	22,89648819		14948608
8:21:57	75991,83594	829,4241943	3,657111645	22,9018364		14948714
8:22:02	75943,38281	829,4197998	3,656474352	22,9018364		14948820
8:22:07	76014,92188	829,4226685	3,651376724	22,9018364		14948925
8:22:12	76158,13281	829,4383545	3,647553205	22,9018364		14949031
8:22:17	76258,02344	829,404448	3,650739193	22,9018364		14949137
8:22:22	76302,58594	829,4514771	3,652013779	22,9018364		14949243
8:22:27	76399,42188	829,4157715	3,654562712	22,9018364		14949349
8:22:32	76281,50781	829,4042358	3,661572218	22,9018364		14949455
8:22:37	76040,08594	829,4344482	3,667944431	22,9018364		14949560
8:22:42	76042,17969	829,3931274	3,663483858	22,9018364		14949666
8:22:47	76041,09375	829,4003906	3,663483858	22,9018269		14949772
8:22:52	76041,10156	829,4013672	3,650739193	22,9018269		14949877
8:22:57	76134,42969	829,4176025	3,652013779	22,9018269		14949983
8:23:02	76063,39844	829,4165649	3,664120913	22,9018269		14950089
8:23:07	75918,90625	829,4197998	3,653925657	22,9018269		14950194
8:23:12	76041,14063	829,3914185	3,652013779	22,9125309		14950300
8:23:17	76087,39844	829,4171143	3,648827791	22,91765594		14950405
8:23:22	76229,1875	829,4334717	3,643092632	22,9125309		14950511
8:23:27	76184,32031	829,4025879	3,657111645	22,9125309		14950617
8:23:32	76089,24219	829,3986816	3,656474352	22,9018269		14950723
8:23:37	76231,39063	829,4248047	3,652013779	22,9018269		14950828
8:23:42	76158,50781	829,4385986	3,654562712	22,9018269		14950934
8:23:47	76113,38281	829,3873901	3,654562712	22,9018269		14951040
8:23:52	76185,15625	829,4072266	3,655199766	22,9018269		14951146
8:23:57	76135,67969	829,421875	3,654562712	22,9018269		14951251
8:24:02	76254,28125	829,4257813	3,653288364	22,9018269		14951357
8:24:07	76254,83594	829,43927	3,653288364	22,9018269		14951463
8:24:12	76135,24219	829,4083862	3,65265131	22,9018269		14951569
8:24:17	76279,17969	829,3898315	3,647553205	22,9125309		14951675
8:24:22	76159,84375	829,4118042	3,659023285	22,9125309		14951781
8:24:27	75873,52344	829,4191895	3,664758205	22,9125309		14951886
8:24:32	75849,17969	829,3939819	3,657748699	22,9125309		14951992
8:24:37	75993,15625	829,3956299	3,655837297	22,9125309		14952097
8:24:42	76161,10156	829,3931274	3,650739193	22,9125309		14952203
8:24:47	76231,21094	829,4066772	3,657111645	22,91765594		14952309
8:24:52	76110,96875	829,4117432	3,655199766	22,91765594		14952414
8:24:57	76061,35938	829,418396	3,653925657	22,91765594		14952520
8:25:02	76202,21875	829,4620972	3,644367218	22,91765594		14952626
8:25:07	76254,22656	829,4160156	3,649465084	22,91765594		14952732
8:25:12	76279	829,407959	3,653925657	22,9125309		14952838
8:25:17	76068,3125	829,3845215	3,66539526	22,9125309		14952943
8:25:22	75923,20313	829,3948975	3,662846804	22,9125309		14953049
8:25:27	76111,00781	829,4057007	3,647553205	22,9125309		14953154
8:25:32	76114,84375	829,4154663	3,660297871	22,9125309		14953260
8:25:37	76110,64844	829,4293213	3,655199766	22,9125309		14953366
8:25:42	75943,53125	829,4255371	3,650102139	22,9125309		14953471
8:25:47	76136,42188	829,406311	3,657111645	22,9125309		14953577
8:25:52	76256,46094	829,402771	3,643092632	22,9125309		14953683
8:25:57	76205,96875	829,4453125	3,654562712	22,9125309		14953789
8:26:02	76013,96094	829,4408569	3,654562712	22,9125309		14953895
8:26:07	76040,86719	829,3859863	3,65838623	22,9125309		14954000
8:26:12	76086,46094	829,4255981	3,666032791	22,9125309		14954106
8:26:17	75942,89844	829,4227295	3,662846804	22,9018269		14954212
8:26:22	76041,21875	829,4039917	3,655199766	22,9018269		14954317
8:26:27	75919,07031	829,428894	3,655199766	22,9018269		14954423
8:26:32	75968,92969	829,3898926	3,644367218	22,9018364		14954528
8:26:37	76207,99219	829,3986206	3,654562712	22,9018269		14954634
8:26:42	76233,6875	829,4005127	3,659660339	22,9018269		14954740
8:26:47	76113	829,4244995	3,656474352	22,9018269		14954845
8:26:52	75968,07031	829,4195557	3,656474352	22,9018364		14954951
8:26:57	75751,26563	829,4151611	3,657111645	22,9018364		14955056
8:27:02	75919,39063	829,4082642	3,652013779	22,9018364		14955162
8:27:07	76111,6875	829,4246216	3,643730164	22,9018364		14955267
8:27:12	76230,85156	829,4127808	3,648827791	22,9018364		14955373
8:27:17	76329,34375	829,3851318	3,653925657	22,9018364		14955479
8:27:22	76253,375	829,4315796	3,653288364	22,9018364		14955585
8:27:27	76208,46875	829,4116821	3,654562712	22,9018364		14955691
8:27:32	76089,53125	829,4235229	3,653925657	22,9018364		14955797
8:27:37	76039,48438	829,4274902	3,65265131	22,9018269		14955902
8:27:42	76161,07813	829,3987427	3,650739193	22,9018269		14956008
8:27:47	76184,44531	829,4205933	3,663483858	22,9018269		14956114
8:27:52	75943,72656	829,4315796	3,653925657	22,9018269		14956219
8:27:57	76062,96875	829,4512939	3,652013779	22,9018269		14956325
8:28:02	76205	829,4212036	3,642455578	22,9018269		14956431
8:28:07	76301,47656	829,4039307	3,648827791	22,9018269		14956537
8:28:12	76398,82031	829,40625	3,65265131	22,9125309		14956643
8:28:17	76042,57813	829,4033813	3,666032791	22,9125309		14956749
8:28:22	76038,9375	829,4252319	3,653288364	22,9125309		14956854
8:28:27	76232,60156	829,4082031	3,660934925	22,9125309		14956960
8:28:32	76111,24219	829,4137573	3,654562712	22,9125309		14957066
8:28:37	76111,10156	829,4041138	3,657748699	22,9125309		14957171
8:28:42	76038,91406	829,3991089	3,652013779	22,9125309		14957277
8:28:47	76230,83594	829,406189	3,650739193	22,91765594		14957383
8:28:52	76233,11719	829,4020996	3,666669846	22,91765594		14957489
8:28:57	75990,89063	829,4213257	3,659660339	22,91765594		14957594
8:29:02	76136,28125	829,4012451	3,659023285	22,91765594		14957700
8:29:07	76233,32031	829,3833008	3,649465084	22,91765594		14957806
8:29:12	76111,32031	829,4151001	3,656474352	22,91765594		14957912
8:29:17	76038,50781	829,4263306	3,659660339	22,91765594		14958017
8:29:22	76063,49219	829,4205322	3,650739193	22,91765594		14958123
8:29:27	76233,55469	829,3972778	3,65838623	22,91765594		14958229
8:29:32	75994,53125	829,3883057	3,659660339	22,91765594		14958334
8:29:37	76016,88281	829,4047852	3,657111645	22,91765594		14958440
8:29:42	76111,85156	829,3951416	3,657111645	22,92277908		14958545
8:29:47	76301,875	829,4306641	3,646278858	22,92277908		14958651
8:29:52	76181,20313	829,4348755	3,648190737	22,92277908		14958757
8:29:57	76158,58594	829,4164429	3,65838623	22,91765594		14958863
8:30:02	76111,04688	829,3851318	3,65838623	22,91765594		14958969

Consumo diesel Nehuenco II 02-02-2021

360MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	69.565,52	829,59	3,72	22,82		
DESV EST	113,3786	0,0489	0,0044	0,0148		
%DESV EST	0,1630%	0,0059%	0,1175%	0,0650%		
DATOS	721	721	721	721	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	1:00:00				CONSUMO [l/h]	69.566
						69.566,00
Tiempo	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]	TOT_GLOBAL_TG2	
9:00:02	69703,82031	829,5026245	3,722107649	22,8439045	14994350	
9:00:07	69824,23438	829,4957275	3,717647076	22,8439045	14994447	
9:00:12	69534,875	829,527771	3,729117155	22,8439045	14994544	
9:00:17	69537,01563	829,5126953	3,724019527	22,8439045	14994640	
9:00:22	69534,28906	829,5385132	3,726568222	22,8439045	14994737	
9:00:27	69418,75	829,5054932	3,727205753	22,8385582	14994833	
9:00:32	69393,27344	829,5126343	3,727205753	22,8385582	14994930	
9:00:37	69561,51563	829,5236206	3,726568222	22,8385582	14995026	
9:00:42	69656,11719	829,5305786	3,723382235	22,8385582	14995123	
9:00:47	69390,89063	829,53479	3,727205753	22,8385582	14995220	
9:00:52	69438,88281	829,5307007	3,722107649	22,8385582	14995316	
9:00:57	69629,79688	829,553772	3,717010021	22,83343315	14995413	
9:01:02	69848,51563	829,5090332	3,717647076	22,83343315	14995509	
9:01:07	69466,42188	829,4993896	3,734852314	22,82830811	14995606	
9:01:12	69392,70313	829,5233765	3,727205753	22,82830811	14995703	
9:01:17	69608,22656	829,5233765	3,727205753	22,82830811	14995799	
9:01:22	69466,03906	829,5139771	3,730391741	22,82830811	14995896	
9:01:27	69441,38281	829,5266113	3,727205753	22,82830811	14995992	
9:01:32	69607,46094	829,5183105	3,722107649	22,82830811	14996089	
9:01:37	69512,64844	829,5214844	3,724656582	22,83343315	14996185	
9:01:42	69537,125	829,5004272	3,717010021	22,83343315	14996282	
9:01:47	69513,76563	829,4904785	3,727842808	22,8385582	14996378	
9:01:52	69490,58594	829,5126953	3,726568222	22,8385582	14996475	
9:01:57	69586,75	829,5059814	3,725931168	22,8385582	14996572	
9:02:02	69538,63281	829,5223389	3,727205753	22,8385582	14996668	
9:02:07	69584,50781	829,5247803	3,727842808	22,8385582	14996765	
9:02:12	69560,85156	829,5179443	3,726568222	22,83343315	14996861	
9:02:17	69633,73438	829,5174561	3,724019527	22,8385582	14996958	
9:02:22	69752,48438	829,5084229	3,720196247	22,8385582	14997055	
9:02:27	69558,85938	829,5380249	3,726568222	22,8385582	14997151	
9:02:32	69489,78125	829,4989014	3,732940674	22,8385582	14997248	
9:02:37	69440,96875	829,5217896	3,732303143	22,8385582	14997345	
9:02:42	69585,22656	829,5048218	3,722107649	22,8385582	14997441	
9:02:47	69703,42188	829,5037231	3,717647076	22,8439045	14997538	
9:02:52	69462,17969	829,5308228	3,728480101	22,8439045	14997634	
9:02:57	69562,53125	829,4926147	3,723382235	22,8439045	14997731	
9:03:02	69441,49219	829,5048828	3,725931168	22,8439045	14997827	
9:03:07	69319,71094	829,5324707	3,729117155	22,8439045	14997924	
9:03:12	69367,16406	829,5384521	3,725931168	22,8439045	14998020	
9:03:17	69466,46094	829,5001831	3,726568222	22,8439045	14998117	
9:03:22	69440,58594	829,5206909	3,727205753	22,8439045	14998213	
9:03:27	69391,79688	829,5130615	3,723382235	22,8439045	14998309	
9:03:32	69533,25781	829,5453491	3,719559193	22,8439045	14998406	
9:03:37	69536,14844	829,5124512	3,724019527	22,8439045	14998503	
9:03:42	69633,88281	829,5011597	3,717647076	22,8439045	14998599	
9:03:47	69775,69531	829,5223389	3,717010021	22,8439045	14998696	
9:03:52	69752,14063	829,507019	3,722107649	22,8385582	14998793	
9:03:57	69535,26563	829,5320435	3,727842808	22,8385582	14998890	
9:04:02	69464,17969	829,5161133	3,725931168	22,8385582	14998986	
9:04:07	69655,02344	829,5202026	3,720196247	22,8385582	14999083	
9:04:12	69678,58594	829,5405884	3,725931168	22,83343315	14999180	
9:04:17	69560,25	829,5296631	3,725294113	22,83343315	14999276	
9:04:22	69418,02344	829,5097046	3,732303143	22,83343315	14999373	
9:04:27	69393,35156	829,5278931	3,731028795	22,83343315	14999469	
9:04:32	69441,05469	829,5094604	3,729117155	22,83343315	14999566	
9:04:37	69368,85156	829,5532227	3,725294113	22,83343315	14999662	
9:04:42	69513,02344	829,5195313	3,722107649	22,83343315	14999758	
9:04:47	69583,89063	829,5284424	3,723382235	22,83343315	14999855	
9:04:52	69560,32031	829,5262451	3,718921661	22,83343315	14999952	
9:04:57	69560,52344	829,5275269	3,727842808	22,8385582	15000048	
9:05:02	69464,23438	829,5307007	3,725294113	22,8385582	15000145	
9:05:07	69606,39844	829,5375977	3,725294113	22,8385582	15000241	
9:05:12	69584,20313	829,5324707	3,719559193	22,8385582	15000338	
9:05:17	69487,14063	829,5494995	3,727205753	22,8385582	15000435	
9:05:22	69438,50781	829,5515137	3,729754686	22,8385582	15000531	
9:05:27	69557,625	829,5363159	3,718284607	22,8385582	15000628	
9:05:32	69752,03125	829,5115356	3,716372967	22,8385582	15000725	
9:05:37	69749,8125	829,534668	3,72274518	22,8385582	15000821	
9:05:42	69536,73438	829,5039673	3,724656582	22,8385582	15000918	
9:05:47	69514,35156	829,5314941	3,727205753	22,83343315	15001015	
9:05:52	69320,01563	829,5166016	3,730391741	22,83343315	15001111	
9:05:57	69460,52344	829,5359497	3,725931168	22,83343315	15001208	
9:06:02	69655	829,536377	3,717647076	22,83343315	15001304	
9:06:07	69723,60156	829,5737305	3,716372967	22,83343315	15001401	
9:06:12	69607,35156	829,526062	3,718921661	22,83343315	15001498	
9:06:17	69512,74219	829,5217285	3,730391741	22,83343315	15001594	
9:06:22	69441,63281	829,5560303	3,727205753	22,83343315	15001691	
9:06:27	69438,5625	829,5265503	3,723382235	22,83343315	15001787	
9:06:32	69509,74219	829,5370483	3,720196247	22,83343315	15001884	
9:06:37	69513,25781	829,5056152	3,724656582	22,8385582	15001980	
9:06:42	69607,92188	829,5195923	3,72083354	22,83343315	15002077	
9:06:47	69705,09375	829,5132446	3,723382235	22,83343315	15002174	
9:06:52	69585,14063	829,5188599	3,725294113	22,83343315	15002271	
9:06:57	69583,66406	829,5296631	3,725294113	22,83343315	15002367	
9:07:02	69536,71875	829,5307617	3,727205753	22,83343315	15002464	
9:07:07	69391,85156	829,5429688	3,730391741	22,83343315	15002560	
9:07:12	69343,74219	829,5426025	3,724656582	22,83343315	15002657	
9:07:17	69415,34375	829,5558472	3,722107649	22,83343315	15002753	
9:07:22	69653,52344	829,5444946	3,720196247	22,83343315	15002850	
9:07:27	69678,01563	829,5577393	3,716372967	22,83343315	15002946	
9:07:32	69630,78906	829,5319214	3,718921661	22,83343315	15003043	
9:07:37	69631,14844	829,5253296	3,724019527	22,83343315	15003140	
9:07:42	69463,89063	829,5540161	3,728480101	22,83343315	15003236	
9:07:47	69418,14063	829,5140991	3,729117155	22,83343315	15003333	
9:07:52	69511,53125	829,5473022	3,719559193	22,83343315	15003429	
9:07:57	69607,26563	829,5204468	3,722107649	22,83343315	15003526	
9:08:02	69844,66406	829,5500488	3,712549686	22,83343315	15003623	
9:08:07	69868,0625	829,5484009	3,718921661	22,8385582	15003720	
9:08:12	69726,85938	829,5535889	3,724019527	22,8385582	15003817	
9:08:17	69511,03125	829,555481	3,731666088	22,8385582	15003914	
9:08:22	69463,46094	829,5449829	3,730391741	22,8385582	15004010	
9:08:27	69344,60156	829,5091553	3,732303143	22,8385582	15004106	
9:08:32	69608,03906	829,536438	3,72274518	22,8385582	15004203	
9:08:37	69534,04688	829,560791	3,725294113	22,8385582	15004300	
9:08:42	69678,46875	829,5361938	3,720196247	22,8385582	15004396	
9:08:47	69701,48438	829,5470581	3,720196247	22,8385582	15004493	
9:08:52	69749,1875	829,5588989	3,72083354	22,8385582	15004590	
9:08:57	69603,42969	829,5578003	3,727842808	22,8385582	15004687	
9:09:02	69558,21094	829,5402222	3,724019527	22,83343315	15004783	
9:09:07	69415,75781	829,5569458	3,732303143	22,83343315	15004880	
9:09:12	69296,54688	829,5360718	3,732940674	22,83343315	15004976	
9:09:17	69486,75	829,5365601	3,722107649	22,82830811	15005072	
9:09:22	69607,35156	829,5360107	3,731028795	22,82830811	15005169	
9:09:27	69368,33594	829,5284424	3,730391741	22,82830811	15005266	
9:09:32	69581,28125	829,5463257	3,72083354	22,83343315	15005362	
9:09:37	69703,20313	829,5507813	3,718284607	22,83343315	15005459	
9:09:42	69534,76563	829,5465698	3,72083354	22,83343315	15005555	
9:09:47	69606,38281	829,5509644	3,723382235	22,83343315	15005652	
9:09:52	69725,47656	829,5521851	3,719559193	22,83343315	15005749	
9:09:57	69488,14063	829,5293579	3,72848010			

Consumo diesel Nehuenco II 02-02-2021

360MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	69.565,52	829,59	3,72	22,82		
DESV EST	113,3786	0,0489	0,0044	0,0148		
%DESV EST	0,1630%	0,0059%	0,1175%	0,0650%		
DATOS	721	721	721	721	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	1:00:00				CONSUMO [l/h]	69.566
						69.566,00
9:10:12	69461,89844	829,5413818	3,723382235	22,82830811		15006135
9:10:17	69559,375	829,5640259	3,723382235	22,83343315		15006231
9:10:22	69464,69531	829,5328369	3,724656582	22,83343315		15006328
9:10:27	69556,8125	829,5482788	3,72274518	22,83343315		15006425
9:10:32	69630,64844	829,5348511	3,722107649	22,83343315		15006521
9:10:37	69604,1875	829,5637207	3,726568222	22,83343315		15006618
9:10:42	69438,96094	829,5516357	3,727842808	22,83343315		15006714
9:10:47	69487,20313	829,5407715	3,722107649	22,82830811		15006811
9:10:52	69630,79688	829,5635986	3,718921661	22,82830811		15006908
9:10:57	69919,46094	829,5250854	3,717010021	22,82830811		15007005
9:11:02	69654,875	829,5407104	3,727205753	22,82830811		15007102
9:11:07	69436,54688	829,5531616	3,729754686	22,82830811		15007198
9:11:12	69558,65625	829,5413818	3,72274518	22,82830811		15007295
9:11:17	69654,96875	829,5349731	3,722107649	22,82830811		15007391
9:11:22	69581,89063	829,5540161	3,726568222	22,82830811		15007488
9:11:27	69486,08594	829,5400391	3,726568222	22,82830811		15007584
9:11:32	69484,11719	829,5438232	3,723382235	22,83343315		15007681
9:11:37	69654,29688	829,5425415	3,72274518	22,83343315		15007778
9:11:42	69606,9375	829,5549927	3,730391741	22,83343315		15007874
9:11:47	69247,05469	829,5352783	3,728480101	22,83343315		15007971
9:11:52	69390,75781	829,5441284	3,727205753	22,83343315		15008067
9:11:57	69581,64844	829,5477295	3,721470594	22,83343315		15008164
9:12:02	69653,49219	829,550293	3,716372967	22,83343315		15008260
9:12:07	69845,22656	829,5452881	3,715098619	22,8229599		15008357
9:12:12	69677,72656	829,5526123	3,726568222	22,8229599		15008454
9:12:17	69296,17969	829,5462646	3,733577728	22,82830811		15008551
9:12:22	69510,82813	829,5623169	3,725294113	22,82830811		15008647
9:12:27	69653,64063	829,553833	3,721470594	22,83343315		15008744
9:12:32	69583,33594	829,5351563	3,725931168	22,83343315		15008840
9:12:37	69556,83594	829,5709229	3,725931168	22,83343315		15008937
9:12:42	69605,78906	829,5535889	3,724019527	22,83343315		15009033
9:12:47	69413,96094	829,546875	3,727842808	22,83343315		15009130
9:12:52	69534,13281	829,5428467	3,721470594	22,83343315		15009227
9:12:57	69702,5	829,5195313	3,721470594	22,83343315		15009323
9:13:02	69463,96094	829,5313721	3,731028795	22,83343315		15009420
9:13:07	69440,97656	829,5214844	3,727842808	22,83343315		15009516
9:13:12	69489,29688	829,5310669	3,729117155	22,82830811		15009613
9:13:17	69559,01563	829,5552368	3,725931168	22,8385582		15009709
9:13:22	69655,78906	829,5230103	3,718921661	22,8385582		15009806
9:13:27	69677,25	829,5615845	3,715098619	22,8385582		15009903
9:13:32	69463,58594	829,517334	3,729117155	22,8385582		15009999
9:13:37	69559,47656	829,5413208	3,725931168	22,8385582		15010096
9:13:42	69582,60938	829,5361328	3,728480101	22,8439045		15010192
9:13:47	69414,34375	829,5428467	3,726568222	22,8439045		15010289
9:13:52	69463,76563	829,5194702	3,72274518	22,8439045		15010385
9:13:57	69701,53125	829,5448608	3,715098619	22,8439045		15010482
9:14:02	69846,625	829,5394897	3,718921661	22,8385582		15010579
9:14:07	69703,4375	829,5192871	3,723382235	22,8385582		15010676
9:14:12	69656,5	829,5131226	3,723382235	22,8439045		15010773
9:14:17	69535,73438	829,5168457	3,725294113	22,8439045		15010869
9:14:22	69438,35156	829,5564575	3,732940674	22,8439045		15010966
9:14:27	69342,47656	829,5317383	3,727205753	22,8492527		15011062
9:14:32	69558,625	829,5181885	3,72083354	22,8492527		15011159
9:14:37	69390,89844	829,5473633	3,73421526	22,8439045		15011255
9:14:42	69320,19531	829,5230713	3,728480101	22,8439045		15011352
9:14:47	69414,75	829,5299683	3,719559193	22,8492527		15011448
9:14:52	69725,61719	829,5360107	3,714461088	22,8492527		15011545
9:14:57	69822,41406	829,5040894	3,717010021	22,8492527		15011642
9:15:02	69535,22656	829,5391846	3,727842808	22,8492527		15011738
9:15:07	69630,04688	829,552063	3,72083354	22,8492527		15011835
9:15:12	69486,89844	829,529541	3,729754686	22,8492527		15011932
9:15:17	69413,96875	829,526001	3,722107649	22,8492527		15012028
9:15:22	69798,6875	829,5405273	3,718921661	22,8492527		15012125
9:15:27	69728,11719	829,507019	3,72083354	22,8492527		15012222
9:15:32	69512,625	829,5186157	3,730391741	22,8492527		15012318
9:15:37	69440,57031	829,5123901	3,730391741	22,8492527		15012415
9:15:42	69293,32031	829,5462036	3,728480101	22,8492527		15012511
9:15:47	69560,02344	829,5113525	3,724019527	22,8492527		15012608
9:15:52	69628,67969	829,5527954	3,721470594	22,8439045		15012704
9:15:57	69583,07813	829,5373535	3,725294113	22,8439045		15012801
9:16:02	69679,08594	829,5380249	3,718284607	22,8439045		15012898
9:16:07	69821,52344	829,5513916	3,722107649	22,8492527		15012995
9:16:12	69584	829,515686	3,727205753	22,8492527		15013091
9:16:17	69485,32813	829,5474243	3,725931168	22,8492527		15013188
9:16:22	69533,25	829,546875	3,725294113	22,8492527		15013284
9:16:27	69654,5625	829,5285034	3,724019527	22,8492527		15013381
9:16:32	69606,92188	829,5440063	3,718284607	22,8492527		15013478
9:16:37	69701,71875	829,5299683	3,721470594	22,8492527		15013574
9:16:42	69726,17969	829,5437012	3,722107649	22,8492527		15013671
9:16:47	69368,35938	829,5033569	3,73421526	22,8492527		15013768
9:16:52	69391,29688	829,5227661	3,732303143	22,8492527		15013864
9:16:57	69295,47656	829,5418091	3,727842808	22,8492527		15013961
9:17:02	69581,36719	829,5471191	3,722107649	22,8492527		15014057
9:17:07	69556,64063	829,5488892	3,716372967	22,8492527		15014154
9:17:12	69607,21094	829,553833	3,725931168	22,854599		15014250
9:17:17	69485,58594	829,557251	3,724019527	22,854599		15014347
9:17:22	69461,10156	829,5485229	3,723382235	22,8492527		15014443
9:17:27	69557,95313	829,5256958	3,724656582	22,8492527		15014540
9:17:32	69583,15625	829,5137329	3,724656582	22,8492527		15014636
9:17:37	69582,55469	829,5308838	3,722107649	22,8492527		15014733
9:17:42	69677,89844	829,5489502	3,722107649	22,8439045		15014830
9:17:47	69509,61719	829,5702515	3,720196247	22,8385582		15014926
9:17:52	69578,64844	829,5495605	3,72274518	22,8439045		15015023
9:17:57	69584,15625	829,5263062	3,719559193	22,8439045		15015120
9:18:02	69534,35156	829,5314331	3,725931168	22,8439045		15015216
9:18:07	69726,42969	829,5395508	3,716372967	22,8492527		15015313
9:18:12	69534,32031	829,5345459	3,727205753	22,8492527		15015410
9:18:17	69700,88281	829,5391235	3,717010021	22,8492527		15015506
9:18:22	69605,66406	829,538147	3,718921661	22,8492527		15015603
9:18:27	69701,88281	829,5255127	3,72083354	22,8492527		15015700
9:18:32	69677,73438	829,5307617	3,72083354	22,8492527		15015797
9:18:37	69677,76563	829,5463867	3,724019527	22,8492527		15015893
9:18:42	69606,39063	829,5539551	3,724656582	22,8492527		15015990
9:18:47	69485,5	829,5233154	3,724019527	22,8439045		15016087
9:18:52	69508,71875	829,5615845	3,72274518	22,8439045		15016183
9:18:57	69534,59375	829,539917	3,727205753	22,8439045		15016280
9:19:02	69532,4375	829,5548706	3,724019527	22,8439045		15016376
9:19:07	69580,28906	829,5525513	3,718284607	22,8439045		15016473
9:19:12	69654,14844	829,5583496	3,718921661	22,8439045		15016570
9:19:17	69675,75781	829,5655518	3,724019527	22,8439045		15016666
9:19:22	69580,84375	829,555603	3,718284607</			

Consumo diesel Nehuenco II 02-02-2021

360MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	69.565,52	829,59	3,72	22,82		
DESV EST	113,3786	0,0489	0,0044	0,0148		
%DESV EST	0,1630%	0,0059%	0,1175%	0,0650%		
DATOS	721	721	721	721	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	1:00:00				CONSUMO [l/h]	69.566
						69.566,00
9:20:27	69604,52344	829,5638428	3,719559193	22,8385582		15018019
9:20:32	69652,76563	829,5406494	3,725931168	22,8385582		15018116
9:20:37	69509,625	829,5377808	3,725294113	22,8385582		15018213
9:20:42	69440,28125	829,5494995	3,731028795	22,8385582		15018309
9:20:47	69507,75	829,5731201	3,725294113	22,8385582		15018406
9:20:52	69606,95313	829,5287476	3,719559193	22,8385582		15018502
9:20:57	69820,63281	829,5477905	3,710638046	22,8385582		15018599
9:21:02	69582,57813	829,5580444	3,727205753	22,8385582		15018696
9:21:07	69366,8719	829,5489502	3,731028795	22,8385582		15018792
9:21:12	69366,25	829,557373	3,722107649	22,8385582		15018889
9:21:17	69533,70313	829,5498047	3,718921661	22,8385582		15018985
9:21:22	69532,47656	829,5741577	3,72274518	22,8385582		15019082
9:21:27	69509,92969	829,5534058	3,717010021	22,8385582		15019178
9:21:32	69605,625	829,5523071	3,720196247	22,83343315		15019275
9:21:37	69534,11719	829,543457	3,723382235	22,83343315		15019372
9:21:42	69533,78906	829,546814	3,722107649	22,8385582		15019468
9:21:47	69580,32813	829,5604858	3,719559193	22,8385582		15019565
9:21:52	69437,57031	829,5628662	3,721470594	22,8385582		15019661
9:21:57	69460,57813	829,5662842	3,724656582	22,8385582		15019758
9:22:02	69652,22656	829,5703735	3,717010021	22,83343315		15019854
9:22:07	69725,29688	829,5626831	3,719559193	22,83343315		15019951
9:22:12	69604,98438	829,5759277	3,722107649	22,83343315		15020048
9:22:17	69630,82813	829,5322266	3,72274518	22,83343315		15020145
9:22:22	69487,79688	829,5320435	3,728480101	22,83343315		15020241
9:22:27	69436,60156	829,5665894	3,721470594	22,83343315		15020338
9:22:32	69722,14106	829,5599365	3,72083354	22,83343315		15020435
9:22:37	69629,625	829,5472412	3,728480101	22,82830811		15020531
9:22:42	69485,45313	829,5683594	3,727205753	22,82830811		15020628
9:22:47	69533,57031	829,5688477	3,72083354	22,82830811		15020724
9:22:52	69653,23438	829,5713501	3,720196247	22,82830811		15020821
9:22:57	69556,8125	829,565918	3,728480101	22,82830811		15020918
9:23:02	69438,05469	829,5707397	3,726568222	22,82830811		15021014
9:23:07	69460,54688	829,5591431	3,726568222	22,83343315		15021111
9:23:12	69578,46094	829,5877686	3,72083354	22,83343315		15021207
9:23:17	69509,76563	829,5657959	3,726568222	22,83343315		15021304
9:23:22	69508,05469	829,5822754	3,722107649	22,83343315		15021400
9:23:27	69676,78125	829,5578613	3,722107649	22,83343315		15021497
9:23:32	69461,125	829,5709229	3,727205753	22,83343315		15021594
9:23:37	69509,66406	829,5716553	3,724656582	22,83343315		15021690
9:23:42	69505,88281	829,5762939	3,72274518	22,83343315		15021787
9:23:47	69458,76563	829,5730591	3,725294113	22,83343315		15021883
9:23:52	69365,35156	829,5679321	3,727842808	22,83343315		15021980
9:23:57	69506,97656	829,5970459	3,717010021	22,82830811		15022076
9:24:02	69723,21094	829,59375	3,711912632	22,82830811		15022173
9:24:07	69674,82031	829,5840454	3,715098619	22,82830811		15022269
9:24:12	69557,20313	829,5649414	3,720196247	22,82830811		15022366
9:24:17	69509,98438	829,5838013	3,729117155	22,82830811		15022463
9:24:22	69270,25781	829,578125	3,73421526	22,82830811		15022559
9:24:27	69318,24219	829,571106	3,724656582	22,8229599		15022655
9:24:32	69675,35156	829,5939331	3,715735674	22,8229599		15022752
9:24:37	69725,83594	829,5843506	3,718921661	22,8176136		15022849
9:24:42	69627,28125	829,5881348	3,721470594	22,8176136		15022946
9:24:47	69461,97656	829,5592041	3,725931168	22,8176136		15023042
9:24:52	69435,63281	829,5719604	3,72083354	22,8176136		15023139
9:24:57	69436,17188	829,5795288	3,722107649	22,8176136		15023235
9:25:02	69605,33594	829,5682983	3,715735674	22,8122654		15023332
9:25:07	69746,59375	829,5894165	3,711912632	22,8122654		15023428
9:25:12	69652,57031	829,56073	3,719559193	22,8122654		15023525
9:25:17	69630,0625	829,5635376	3,724019527	22,8122654		15023622
9:25:22	69653,94531	829,574707	3,719559193	22,80714035		15023719
9:25:27	69533,75	829,5684204	3,728480101	22,80714035		15023815
9:25:32	69436,46094	829,5899048	3,727205753	22,8122654		15023912
9:25:37	69411,42969	829,6107788	3,723382235	22,8122654		15024008
9:25:42	69576,59375	829,5952759	3,715735674	22,8176136		15024105
9:25:47	69602,76563	829,5866089	3,721470594	22,8176136		15024201
9:25:52	69699,60156	829,5845947	3,720196247	22,8176136		15024298
9:25:57	69578,8125	829,6018066	3,724019527	22,8176136		15024395
9:26:02	69603,91406	829,5933228	3,720196247	22,8122654		15024492
9:26:07	69458,75	829,6028442	3,731666088	22,8122654		15024588
9:26:12	69532,32813	829,5845947	3,724019527	22,8122654		15024685
9:26:17	69601,71875	829,6096802	3,719559193	22,8122654		15024781
9:26:22	69460,76563	829,5878906	3,724019527	22,8122654		15024878
9:26:27	69483,6875	829,5886841	3,723382235	22,8122654		15024974
9:26:32	69627,44531	829,6032715	3,718284607	22,8122654		15025071
9:26:37	69650,24219	829,6026001	3,718284607	22,8122654		15025168
9:26:42	69553,80469	829,6103516	3,719559193	22,80714035		15025264
9:26:47	69505,85156	829,5895996	3,724019527	22,80201721		15025361
9:26:52	69555,86719	829,5984497	3,719559193	22,80201721		15025457
9:26:57	69628,1875	829,5876465	3,72274518	22,80201721		15025554
9:27:02	69604,36719	829,5762939	3,718284607	22,80201721		15025651
9:27:07	69844,05469	829,5874634	3,715098619	22,80201721		15025748
9:27:12	69531,13281	829,6156006	3,729754686	22,80201721		15025844
9:27:17	69459,32031	829,6026001	3,725294113	22,80201721		15025941
9:27:22	69457,60156	829,6228638	3,725931168	22,80201721		15026037
9:27:27	69605,01563	829,5855713	3,725931168	22,80201721		15026134
9:27:32	69579,75	829,6044922	3,723382235	22,80201721		15026231
9:27:37	69340,89063	829,6109619	3,727205753	22,80201721		15026327
9:27:42	69289,89844	829,6123047	3,724656582	22,80201721		15026423
9:27:47	69481,71875	829,6333618	3,722107649	22,80714035		15026520
9:27:52	69603,00781	829,5930176	3,716372967	22,80714035		15026616
9:27:57	69530,25781	829,6085815	3,722107649	22,80714035		15026713
9:28:02	69650,16406	829,6184692	3,718921661	22,80714035		15026809
9:28:07	69792,97656	829,6138306	3,717010021	22,80714035		15026906
9:28:12	69700,15625	829,5856934	3,718284607	22,80714035		15027003
9:28:17	69484,5	829,6066284	3,730391741	22,80714035		15027100
9:28:22	69480,82031	829,6174316	3,726568222	22,80714035		15027196
9:28:27	69579,875	829,5827637	3,722107649	22,80714035		15027293
9:28:32	69529,64844	829,6199341	3,72083354	22,8122654		15027389
9:28:37	69556,55469	829,578125	3,727842808	22,8176136		15027486
9:28:42	69601,5625	829,6240234	3,718921661	22,8176136		15027583
9:28:47	69481,57031	829,5805054	3,727205753	22,8122654		15027679
9:28:52	69604,76563	829,5923462	3,727842808	22,8122654		15027776
9:28:57	69532,27344	829,5612793	3,722107649	22,8122654		15027872
9:29:02	69388,21875	829,576355	3,726568222	22,8122654		15027969
9:29:07	69581,9375	829,5780029	3,724019527	22,8122654		15028065
9:29:12	69579,25	829,5953369	3,72083354	22,8122654		15028162
9:29:17	69651,72656	829,5925903	3,717647076	22,8122654		15028259
9:29:22	69700,25781	829,5831909	3,718921661	22,8176136		15028355
9:29:27	69555,28906	829,578064	3,724656582	22,8122654		15028452
9:29:32	69340,92188	829,5964355	3,733577728	22,8122654		15028549
9:29:37	69435,33594	829,6097412	3,724			

Consumo diesel Nehuenco II 02-02-2021

360MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	69.565,52	829,59	3,72	22,82		
DESV EST	113,3786	0,0489	0,0044	0,0148		
%DESV EST	0,1630%	0,0059%	0,1175%	0,0650%		
DATOS	721	721	721	721	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	1:00:00				CONSUMO [l/h]	69.566
						69.566,00
9:30:42	69554,35938	829,6132813	3,720196247	22,8176136		15029900
9:30:47	69625,63281	829,6087646	3,72083354	22,8176136		15029997
9:30:52	69532,82813	829,5844116	3,724656582	22,8176136		15030094
9:30:57	69602,02344	829,598938	3,718921661	22,8176136		15030190
9:31:02	69746,94531	829,5948486	3,714461088	22,8176136		15030287
9:31:07	69772,75781	829,5825806	3,714461088	22,8176136		15030384
9:31:12	69553,58594	829,6015015	3,731028795	22,8176136		15030481
9:31:17	69555,21875	829,6029053	3,724019527	22,8176136		15030577
9:31:22	69435,375	829,6151123	3,729754686	22,8176136		15030674
9:31:27	69342,00781	829,5861816	3,731666088	22,8176136		15030770
9:31:32	69457,88281	829,6102905	3,724019527	22,8176136		15030867
9:31:37	69627,0625	829,5848999	3,714461088	22,8176136		15030963
9:31:42	69696,75781	829,6315918	3,717010021	22,8176136		15031060
9:31:47	69577,48438	829,6257324	3,725931168	22,8176136		15031157
9:31:52	69530,57813	829,5949707	3,723382235	22,8176136		15031253
9:31:57	69481,78906	829,6106567	3,724656582	22,8176136		15031350
9:32:02	69434,49219	829,6212158	3,724019527	22,8176136		15031446
9:32:07	69530,59375	829,6033936	3,720196247	22,8176136		15031543
9:32:12	69601,91406	829,6309814	3,717647076	22,8229599		15031639
9:32:17	69817,24219	829,6095581	3,717010021	22,8229599		15031736
9:32:22	69720,44531	829,6222534	3,713824034	22,8229599		15031833
9:32:27	69624,82031	829,6169434	3,723382235	22,8229599		15031930
9:32:32	69458,35156	829,604187	3,727205753	22,8229599		15032026
9:32:37	69651,58594	829,6191406	3,72274518	22,8176136		15032123
9:32:42	69530,28125	829,614502	3,725931168	22,8176136		15032220
9:32:47	69457,75	829,6161499	3,725931168	22,8176136		15032316
9:32:52	69602,53125	829,6414185	3,724019527	22,8176136		15032413
9:32:57	69672,86719	829,619812	3,720196247	22,8176136		15032510
9:33:02	69648,57813	829,6305542	3,723382235	22,8122654		15032606
9:33:07	69529,32813	829,6224365	3,725294113	22,8122654		15032703
9:33:12	69388,07813	829,6077271	3,732303143	22,80714035		15032799
9:33:17	69504,76563	829,5932617	3,72083354	22,80714035		15032896
9:33:22	69555,03125	829,6013794	3,721470594	22,8122654		15032992
9:33:27	69577,08594	829,6135864	3,72274518	22,8176136		15033089
9:33:32	69507,22656	829,5945435	3,72083354	22,8176136		15033186
9:33:37	69628,5	829,5810547	3,725294113	22,8176136		15033282
9:33:42	69673,96094	829,6030273	3,718921661	22,8176136		15033379
9:33:47	69674,75	829,5979614	3,721470594	22,8176136		15033476
9:33:52	69555,70313	829,6147461	3,727842808	22,8176136		15033573
9:33:57	69531,79688	829,5878296	3,727842808	22,8176136		15033669
9:34:02	69601,32031	829,6312866	3,718921661	22,8176136		15033766
9:34:07	69603,90625	829,5858765	3,724656582	22,8176136		15033862
9:34:12	69554,10938	829,6184082	3,729117155	22,8122654		15033959
9:34:17	69435,5625	829,6103516	3,729754686	22,8122654		15034056
9:34:22	69578,16406	829,6115723	3,719559193	22,8122654		15034152
9:34:27	69554,25781	829,6101074	3,724656582	22,8122654		15034249
9:34:32	69627,08594	829,59552	3,719559193	22,80714035		15034345
9:34:37	69651,71094	829,598877	3,727205753	22,80714035		15034442
9:34:42	69436,72656	829,5858765	3,727842808	22,80714035		15034539
9:34:47	69576,96875	829,6252441	3,72274518	22,8122654		15034635
9:34:52	69362,35938	829,616333	3,729754686	22,8122654		15034732
9:34:57	69506,60938	829,6057739	3,72658222	22,8122654		15034828
9:35:02	69625,89844	829,6137085	3,721470594	22,80714035		15034925
9:35:07	69506,01563	829,6014404	3,721470594	22,80201721		15035021
9:35:12	69602,03906	829,6261597	3,72274518	22,80201721		15035118
9:35:17	69507,67969	829,6225586	3,724019527	22,80201721		15035215
9:35:22	69435,9375	829,5961914	3,731666088	22,80201721		15035311
9:35:27	69627,16406	829,6080322	3,717010021	22,80201721		15035408
9:35:32	69675,27344	829,6091919	3,72274518	22,80201721		15035504
9:35:37	69555,1875	829,595459	3,72274518	22,80201721		15035601
9:35:42	69556,16406	829,6012573	3,724019527	22,80201721		15035698
9:35:47	69504,52344	829,652832	3,731028795	22,80201721		15035794
9:35:52	69576,64063	829,6220093	3,72083354	22,80201721		15035891
9:35:57	69532,45313	829,6259766	3,729754686	22,80201721		15035987
9:36:02	69553,70313	829,6196289	3,72274518	22,80201721		15036084
9:36:07	69530,90625	829,6083984	3,729754686	22,80201721		15036181
9:36:12	69505,35938	829,6362305	3,724019527	22,80201721		15036277
9:36:17	69529,73438	829,6238403	3,72083354	22,80201721		15036374
9:36:22	69651,375	829,6188965	3,718921661	22,80201721		15036470
9:36:27	69625,89063	829,6174316	3,722107649	22,80201721		15036567
9:36:32	69626,23438	829,6084595	3,723382235	22,80201721		15036664
9:36:37	69506,57031	829,6380005	3,725931168	22,80201721		15036760
9:36:42	69530,39844	829,6274414	3,727205753	22,80201721		15036857
9:36:47	69576,60938	829,6306152	3,718921661	22,80714035		15036953
9:36:52	69817,67188	829,6263428	3,715735674	22,80714035		15037050
9:36:57	69818,50781	829,6235352	3,718284607	22,80201721		15037147
9:37:02	69554,78125	829,6131592	3,729117155	22,80201721		15037244
9:37:07	69605,25781	829,6308594	3,72658222	22,80201721		15037341
9:37:12	69432,8125	829,6259766	3,729754686	22,80201721		15037437
9:37:17	69410,38281	829,6204224	3,727842808	22,80201721		15037534
9:37:22	69579,14844	829,621521	3,724019527	22,80201721		15037630
9:37:27	69410,71875	829,6185303	3,730391741	22,80201721		15037727
9:37:32	69363,73438	829,6068115	3,729117155	22,80201721		15037823
9:37:37	69551,72656	829,6318359	3,72083354	22,80201721		15037919
9:37:42	69747,20313	829,5924072	3,720196247	22,80201721		15038016
9:37:47	69677,05469	829,6381836	3,727205753	22,80201721		15038113
9:37:52	69410	829,6339111	3,730391741	22,80201721		15038210
9:37:57	69339,11719	829,6256714	3,729117155	22,80714035		15038306
9:38:02	69530,20313	829,6109009	3,724019527	22,80714035		15038402
9:38:07	69529,78125	829,6137695	3,722107649	22,80714035		15038499
9:38:12	69506,10938	829,6104126	3,718921661	22,80714035		15038596
9:38:17	69625,05469	829,6345825	3,721470594	22,80714035		15038692
9:38:22	69601,875	829,6445313	3,72274518	22,80714035		15038789
9:38:27	69745,66406	829,6196899	3,719559193	22,80714035		15038886
9:38:32	69623,91406	829,6307983	3,72658222	22,80714035		15038982
9:38:37	69458,60938	829,607605	3,727842808	22,80714035		15039079
9:38:42	69316,52344	829,6170044	3,732303143	22,80714035		15039175
9:38:47	69458,40625	829,6199341	3,725931168	22,80201721		15039272
9:38:52	69483,14844	829,6159668	3,722107649	22,7966901		15039368
9:38:57	69554,72656	829,5941162	3,727205753	22,80201721		15039465
9:39:02	69700,22656	829,5964966	3,719559193	22,80201721		15039562
9:39:07	69602,03906	829,6038208	3,720196247	22,80714035		15039658
9:39:12	69554,39844	829,6281128	3,724656582	22,80714035		15039755
9:39:17	69528,51563	829,6190186	3,722107649	22,80714035		15039852
9:39:22	69603,97656	829,5962524	3,730391741	22,8122654		15039948
9:39:27	69336,64063	829,640625	3,728480101	22,8122654		15040045
9:39:32	69457,79688	829,6220093	3,724656582	22,8122654		15040141
9:39:37	69528,07813	829,6377563	3,72083354	22,8122654		15040237
9:39:42	69697,60938	829,6130371	3,713186741	22,8122654		15040334
9:39:47	69721,39844	829,624939	3,72083354	22,8122654		15040431
9:39:52	69648,22656	829,6130981	3,723382235	22,8122654		15040528
9:39:57	69577,35156	829,6151123	3,727205753	22,8122654		15040625
9:40:02	69387,34375	829,6112061	3,731028795	22,80714035		15040721
9:40:07	69457,66406	829,6421509	3,728480101	22,80714035		15040817
9:40:12	69602,5625	829,609436	3,722107649	22,8122654		15040914
9:40:17	69530,375	829,6147461	3,72658222	22,8122654		15041011
9:40:22	69529,75	829,6234741	3,72274518	22,8122654		15041107
9:40:27	69625,41406	829,6086426	3,723382235	22,8122654		15041204
9:40:32	69743,17969	829,6082764	3,717647076	22,8122654		15041301
9:40:37	69722,41406	829,6176147	3,724656582	22,8122654		15041397
9:40:42	69459,42188	829,5997925	3,729117155	22,		

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360MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	69.565,52	829,59	3,72	22,82		
DESV EST	113,3786	0,0489	0,0044	0,0148		
%DESV EST	0,1630%	0,0059%	0,1175%	0,0650%		
DATOS	721	721	721	721	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	1:00:00				CONSUMO [l/h]	69.566
						69.566,00
9:40:57	69528,46094	829,6394653	3,725294113	22,8122654		15041784
9:41:02	69432,9375	829,6320801	3,725294113	22,8122654		15041880
9:41:07	69576,78125	829,6108398	3,724019527	22,8122654		15041977
9:41:12	69600,05469	829,630127	3,72083354	22,8122654		15042073
9:41:17	69600,19531	829,6337891	3,72274518	22,8122654		15042170
9:41:22	69625,03906	829,6119385	3,722107649	22,8122654		15042267
9:41:27	69574,82813	829,6552124	3,72083354	22,8122654		15042363
9:41:32	69504,94531	829,6196899	3,726568222	22,8176136		15042460
9:41:37	69577,60938	829,6085815	3,723382235	22,8176136		15042556
9:41:42	69458	829,6266479	3,727842808	22,8176136		15042653
9:41:47	69529,20313	829,6272583	3,729117155	22,8176136		15042750
9:41:52	69623,71094	829,6256104	3,717010021	22,8176136		15042846
9:41:57	69599,70313	829,6333618	3,725294113	22,8176136		15042943
9:42:02	69505,39844	829,6221313	3,721470594	22,8176136		15043039
9:42:07	69672,82813	829,6226196	3,717647076	22,8176136		15043136
9:42:12	69505,67188	829,5944214	3,726568222	22,8122654		15043233
9:42:17	69314,50781	829,6091919	3,731666088	22,8122654		15043329
9:42:22	69482,32031	829,6123047	3,72274518	22,8122654		15043426
9:42:27	69430,30469	829,6430054	3,721470594	22,8122654		15043522
9:42:32	69601,71875	829,6127319	3,717647076	22,8122654		15043619
9:42:37	69790,72656	829,6496582	3,719559193	22,8122654		15043715
9:42:42	69527,17969	829,6141357	3,718921661	22,8229599		15043812
9:42:47	69530,60938	829,609934	3,729754686	22,8229599		15043909
9:42:52	69528,79688	829,6376953	3,723382235	22,8229599		15044005
9:42:57	69527,79688	829,6343384	3,72083354	22,8176136		15044102
9:43:02	69577,14844	829,6260376	3,72274518	22,8176136		15044199
9:43:07	69720,6875	829,6292725	3,72083354	22,8122654		15044295
9:43:12	69506,6875	829,5979614	3,729117155	22,8122654		15044392
9:43:17	69482,70313	829,6075439	3,724656582	22,8122654		15044488
9:43:22	69670,00781	829,6390991	3,714461088	22,8122654		15044585
9:43:27	69673,1875	829,6165771	3,728480101	22,8176136		15044682
9:43:32	69599,71094	829,6242065	3,719559193	22,8176136		15044779
9:43:37	69625,65625	829,602478	3,724019527	22,8176136		15044875
9:43:42	69458,45313	829,588562	3,727842808	22,8176136		15044972
9:43:47	69504,89844	829,6266479	3,725294113	22,8176136		15045068
9:43:52	69720,78906	829,6080322	3,716372967	22,8176136		15045165
9:43:57	69694,03125	829,6525879	3,719559193	22,8176136		15045262
9:44:02	69649,11719	829,6234741	3,718921661	22,8176136		15045359
9:44:07	69505,27344	829,6220703	3,729754686	22,8176136		15045455
9:44:12	69480,42969	829,6364136	3,721470594	22,8122654		15045552
9:44:17	69578,61719	829,6171875	3,72274518	22,8122654		15045648
9:44:22	69574,91406	829,6307983	3,724656582	22,8122654		15045745
9:44:27	69599,9375	829,6598511	3,723382235	22,8122654		15045842
9:44:32	69504,5	829,6307983	3,725931168	22,80714035		15045938
9:44:37	69504,125	829,6439819	3,721470594	22,80714035		15046035
9:44:42	69575,26563	829,6101074	3,722107649	22,80714035		15046131
9:44:47	69554,05469	829,6228027	3,72083354	22,80714035		15046228
9:44:52	69575,85156	829,625061	3,718921661	22,80714035		15046324
9:44:57	69554,46875	829,6173096	3,72083354	22,80714035		15046421
9:45:02	69670,51563	829,6627808	3,718284607	22,8122654		15046518
9:45:07	69767,64063	829,6199341	3,716372967	22,80201721		15046615
9:45:12	69653,1875	829,5964355	3,718921661	22,80201721		15046711
9:45:17	69577,39063	829,6295776	3,723382235	22,80201721		15046808
9:45:22	69505,375	829,6170654	3,729754686	22,80201721		15046905
9:45:27	69431,5	829,6504517	3,724656582	22,80201721		15047001
9:45:32	69600,13281	829,6410522	3,717647076	22,80714035		15047098
9:45:37	69767,4375	829,6262817	3,718284607	22,8122654		15047195
9:45:42	69627,23438	829,6243896	3,720196247	22,8122654		15047291
9:45:47	69455,19531	829,6407471	3,724656582	22,8122654		15047388
9:45:52	69670,89063	829,6332397	3,718284607	22,8122654		15047485
9:45:57	69671,76563	829,6132813	3,717647076	22,8122654		15047581
9:46:02	69481,19531	829,6448364	3,728480101	22,8122654		15047678
9:46:07	69531,24219	829,6360474	3,725931168	22,8122654		15047775
9:46:12	69410,19531	829,6196289	3,727205753	22,8122654		15047871
9:46:17	69501,89844	829,6607056	3,716372967	22,8122654		15047967
9:46:22	69742,94531	829,6382446	3,713186741	22,8122654		15048064
9:46:27	69769,07813	829,633667	3,716372967	22,8122654		15048161
9:46:32	69622,85938	829,6513672	3,720196247	22,8122654		15048258
9:46:37	69481,51563	829,6349487	3,727205753	22,8122654		15048354
9:46:42	69456,04688	829,6192627	3,722107649	22,8122654		15048451
9:46:47	69575,03906	829,6217651	3,718284607	22,80714035		15048547
9:46:52	69648,53125	829,62677	3,718284607	22,80201721		15048644
9:46:57	69720,30469	829,6220703	3,717010021	22,80201721		15048741
9:47:02	69652,35938	829,6019897	3,720196247	22,80201721		15048838
9:47:07	69649,28125	829,6235352	3,718921661	22,80201721		15048934
9:47:12	69551,51563	829,65271	3,726568222	22,79666901		15049031
9:47:17	69433,53125	829,6331787	3,724019527	22,80201721		15049128
9:47:22	69479,51563	829,6488037	3,723382235	22,80714035		15049224
9:47:27	69695,71875	829,6317139	3,713824034	22,80714035		15049321
9:47:32	69768,66406	829,6433716	3,715735674	22,80714035		15049418
9:47:37	69885,07031	829,6472778	3,712549686	22,80714035		15049515
9:47:42	69552,64844	829,6377563	3,72274518	22,80714035		15049611
9:47:47	69598,86719	829,6538086	3,725294113	22,80714035		15049708
9:47:52	69456,64844	829,6481323	3,725294113	22,80714035		15049804
9:47:57	69478	829,6467285	3,72083354	22,80714035		15049901
9:48:02	69480,14063	829,628479	3,724019527	22,80714035		15049997
9:48:07	69622,33594	829,6571655	3,721470594	22,80714035		15050094
9:48:12	69623,9375	829,661499	3,721470594	22,80714035		15050191
9:48:17	69815,07813	829,6488647	3,720196247	22,80714035		15050288
9:48:22	69622,32031	829,6539307	3,72083354	22,80714035		15050384
9:48:27	69504,42969	829,6445923	3,72274518	22,80714035		15050481
9:48:32	69432,3125	829,6228027	3,726568222	22,80714035		15050577
9:48:37	69430,25	829,6550293	3,722107649	22,80714035		15050674
9:48:42	69597,49219	829,6370239	3,717647076	22,80714035		15050770
9:48:47	69790,03125	829,6585083	3,715735674	22,80714035		15050867
9:48:52	69623,375	829,6514893	3,720196247	22,80714035		15050964
9:48:57	69600,46094	829,6352539	3,72083354	22,80201721		15051061
9:49:02	69551,50781	829,6427002	3,720196247	22,80201721		15051157
9:49:07	69528,67969	829,6269531	3,723382235	22,80201721		15051254
9:49:12	69672,0625	829,6451416	3,717647076	22,80201721		15051351
9:49:17	69842,0625	829,6323242	3,718284607	22,80201721		15051448
9:49:22	69598,375	829,6514282	3,729117155	22,80201721		15051544
9:49:27	69550,60938	829,678894	3,726568222	22,80201721		15051641
9:49:32	69647,46875	829,6652832	3,72083354	22,80201721		15051738
9:49:37	69644,50781	829,7034912	3,726568222	22,80201721		15051834
9:49:42	69385,65625	829,6211548	3,727205753	22,80201721		15051931
9:49:47	69576,35156	829,6356812	3,727205753	22,80201721		15052027
9:49:52	69672,65625	829,6427612	3,722107649	22,80201721		15052124
9:49:57	69647,58594	829,6499023	3,719559193	22,80714035		15052221
9:50:02	69455,125	829,6428223	3,725294113	22,80714035		15052317
9:50:07	69407,53906	829,6450195	3,722107649			

Consumo diesel Nehuenco II 02-02-2021

360MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	69.565,52	829,59	3,72	22,82		
DESVEST	113,3786	0,0489	0,0044	0,0148		
%DESVEST	0,1630%	0,0059%	0,1175%	0,0650%		
DATOS	721	721	721	721	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	1:00:00				CONSUMO [l/h]	69.566
						69.566,00
9:51:12	69694,6875	829,6746826	3,715735674	22,8122654		15053671
9:51:17	69720,03125	829,6657104	3,724019527	22,8122654		15053768
9:51:22	69575,375	829,6586304	3,724019527	22,8122654		15053865
9:51:27	69622,92969	829,6517944	3,72083354	22,80714035		15053961
9:51:32	69623,65625	829,6397095	3,725294113	22,80714035		15054058
9:51:37	69503,15625	829,6572876	3,724019527	22,80714035		15054155
9:51:42	69814,125	829,6651611	3,719559193	22,80714035		15054251
9:51:47	69526,61719	829,6519165	3,722107649	22,80714035		15054348
9:51:52	69670,77344	829,6644897	3,718921661	22,8122654		15054445
9:51:57	69622,03125	829,6485596	3,72274518	22,8122654		15054542
9:52:02	69454,22656	829,6573486	3,725294113	22,8122654		15054638
9:52:07	69765,51563	829,6546021	3,717647076	22,8122654		15054735
9:52:12	69718,1875	829,6552734	3,722107649	22,8122654		15054832
9:52:17	69598,46094	829,6663818	3,726568222	22,8122654		15054928
9:52:22	69501,07031	829,6802368	3,724019527	22,8122654		15055025
9:52:27	69619,69531	829,6744995	3,72083354	22,8122654		15055122
9:52:32	69574,4375	829,6616211	3,727205753	22,80714035		15055218
9:52:37	69478,33594	829,6654053	3,722107649	22,80714035		15055315
9:52:42	69575,01563	829,6600342	3,723382235	22,80714035		15055411
9:52:47	69576,28906	829,6361084	3,724019527	22,80714035		15055508
9:52:52	69525,8125	829,6585083	3,720196247	22,80714035		15055605
9:52:57	69600,05469	829,6347046	3,718284607	22,80714035		15055701
9:53:02	69764,84375	829,6686401	3,721470594	22,80714035		15055798
9:53:07	69645,94531	829,6471558	3,72083354	22,80714035		15055895
9:53:12	69718,39063	829,6671753	3,721470594	22,80714035		15055992
9:53:17	69574,36719	829,6703491	3,725294113	22,80714035		15056088
9:53:22	69359,39063	829,6473999	3,733577728	22,80714035		15056185
9:53:27	69335,90625	829,6536255	3,733577728	22,80714035		15056281
9:53:32	69430,25781	829,6488037	3,72083354	22,80714035		15056377
9:53:37	69621,67188	829,6679688	3,717647076	22,8122654		15056474
9:53:42	69717,95313	829,6486206	3,718921661	22,8122654		15056571
9:53:47	69573,39063	829,6575317	3,72274518	22,8122654		15056668
9:53:52	69523,08594	829,6630249	3,719559193	22,80714035		15056764
9:53:57	69575,58594	829,6419678	3,722107649	22,80714035		15056861
9:54:02	69550,98438	829,652832	3,72274518	22,80714035		15056957
9:54:07	69527,8125	829,6501465	3,72274518	22,80714035		15057054
9:54:12	69406,61719	829,6503906	3,724019527	22,80714035		15057151
9:54:17	69600,85938	829,6420898	3,719559193	22,80714035		15057247
9:54:22	69551,66406	829,6282349	3,721470594	22,8122654		15057344
9:54:27	69695,76563	829,6571655	3,717010021	22,8122654		15057440
9:54:32	69837,66406	829,6696167	3,719559193	22,8122654		15057537
9:54:37	69743,89844	829,6653442	3,718284607	22,80714035		15057634
9:54:42	69645,14063	829,659729	3,718921661	22,80714035		15057731
9:54:47	69647,10938	829,6589966	3,723382235	22,80714035		15057828
9:54:52	69621,30469	829,6756592	3,72274518	22,80714035		15057924
9:54:57	69598,59375	829,6506958	3,724019527	22,80714035		15058021
9:55:02	69646,1875	829,6531982	3,72274518	22,80714035		15058118
9:55:07	69575,78125	829,6802979	3,722107649	22,80714035		15058214
9:55:12	69552,17188	829,6424561	3,720196247	22,8122654		15058311
9:55:17	69550,52344	829,6507568	3,721470594	22,8122654		15058408
9:55:22	69599,36719	829,6360474	3,724019527	22,8122654		15058504
9:55:27	69552,58594	829,6353149	3,725931168	22,8122654		15058601
9:55:32	69503,32813	829,6613159	3,723382235	22,8122654		15058697
9:55:37	69527,26563	829,6225586	3,721470594	22,8122654		15058794
9:55:42	69528,63281	829,6439819	3,72274518	22,8122654		15058891
9:55:47	69619,75781	829,6715698	3,716372967	22,8122654		15058987
9:55:52	69643,78125	829,6704712	3,719559193	22,8122654		15059084
9:55:57	69550,44531	829,6541748	3,723382235	22,8122654		15059181
9:56:02	69623,04688	829,6526489	3,718921661	22,8122654		15059277
9:56:07	69600,17188	829,6264038	3,724019527	22,8122654		15059374
9:56:12	69575,36719	829,6690063	3,720196247	22,8122654		15059471
9:56:17	69744,50781	829,6467285	3,719559193	22,8122654		15059567
9:56:22	69790,41406	829,6660156	3,717010021	22,8122654		15059664
9:56:27	69623,11719	829,6065674	3,727842808	22,8176136		15059761
9:56:32	69527,25	829,6409302	3,72274518	22,8176136		15059858
9:56:37	69453,82031	829,6433105	3,725294113	22,8176136		15059954
9:56:42	69574,25	829,6459961	3,723382235	22,8176136		15060051
9:56:47	69648,30469	829,6403809	3,717647076	22,8176136		15060148
9:56:52	69524,67188	829,671875	3,72274518	22,8176136		15060244
9:56:57	69789,88281	829,6550903	3,717647076	22,8229599		15060341
9:57:02	69432,11719	829,6456909	3,725931168	22,8229599		15060438
9:57:07	69502,64063	829,6454468	3,727842808	22,8229599		15060534
9:57:12	69454,85156	829,666626	3,723382235	22,8229599		15060631
9:57:17	69456,52344	829,6398926	3,72274518	22,8176136		15060727
9:57:22	69553,34375	829,6087036	3,724019527	22,8176136		15060824
9:57:27	69500,92188	829,6589355	3,722107649	22,8176136		15060920
9:57:32	69576,375	829,6359253	3,720196247	22,8176136		15061017
9:57:37	69693,25	829,6326904	3,715098619	22,8176136		15061114
9:57:42	69814,14063	829,6504517	3,715735674	22,8176136		15061211
9:57:47	69502,44531	829,6397095	3,729117155	22,8176136		15061307
9:57:52	69501,88281	829,6571045	3,725931168	22,8229599		15061404
9:57:57	69667,49219	829,6704712	3,719559193	22,8229599		15061500
9:58:02	69599,03125	829,6412964	3,723382235	22,8229599		15061597
9:58:07	69572,9375	829,6543579	3,724656582	22,8229599		15061694
9:58:12	69598,10938	829,6361084	3,720196247	22,8229599		15061790
9:58:17	69478,50781	829,6743164	3,727205753	22,8229599		15061887
9:58:22	69432,25	829,6351318	3,725931168	22,8229599		15061983
9:58:27	69574,00781	829,6757813	3,72083354	22,8229599		15062080
9:58:32	69622,91406	829,6427002	3,719559193	22,8229599		15062177
9:58:37	69692,25781	829,6591797	3,719559193	22,8229599		15062273
9:58:42	69814,74219	829,6419067	3,717647076	22,82830811		15062370
9:58:47	69599,27344	829,6567993	3,722107649	22,82830811		15062467
9:58:52	69573,80469	829,6361694	3,717647076	22,82830811		15062564
9:58:57	69671,02344	829,6331177	3,724019527	22,82830811		15062660
9:59:02	69477,96094	829,6647339	3,725294113	22,83343315		15062757
9:59:07	69525,28906	829,6490479	3,724656582	22,83343315		15062854
9:59:12	69573,57813	829,6422119	3,718921661	22,83343315		15062950
9:59:17	69574,73438	829,6399536	3,722107649	22,83343315		15063047
9:59:22	69621,75781	829,6638184	3,72083354	22,83343315		15063144
9:59:27	69502,21875	829,6628418	3,732303143	22,83343315		15063240
9:59:32	69526,82813	829,6283569	3,72083354	22,83343315		15063337
9:59:37	69526,54688	829,6431274	3,725931168	22,83343315		15063433
9:59:42	69717,32031	829,6600952	3,722107649	22,83343315		15063530
9:59:47	69597,29688	829,6569824	3,720196247	22,83343315		15063627
9:59:52	69524,83594	829,6449585	3,727205753	22,83343315		15063723
9:59:57	69525,35938	829,6553955	3,727205753	22,83343315		15063820
10:00:02	69358,57813	829,65448	3,727842808	22,82830811		15063916

Consumo diesel Nehuenco II 02-02-2021

325MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	62.947,08	829,66	3,77	22,94		
DESVEST	230,8715	0,0225	0,0080	0,0155		
%DESVEST	0,3668%	0,0027%	0,2133%	0,0676%		
DATOS	721	721	721	721	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	1:00:00				63.007	63.007,00
Consumo						
Tiempo	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]	TOT_GLOBAL_TG2	
10:30:02	62664,19922	829,6611938	3,782006502	22,89136314	15095990	
10:30:07	62903,73047	829,6436768	3,771173477	22,89136314	15096077	
10:30:12	63046,04297	829,6524048	3,772448063	22,89136314	15096165	
10:30:17	62949,26172	829,6696167	3,774359941	22,89136314	15096252	
10:30:22	62948,87891	829,6617432	3,774996996	22,9018364	15096340	
10:30:27	62854,80078	829,6459351	3,779457569	22,9018364	15096427	
10:30:32	62854,18359	829,651123	3,776271343	22,9018364	15096514	
10:30:37	62879,30078	829,6418457	3,779457569	22,9018364	15096602	
10:30:42	62783,82422	829,6558228	3,780094624	22,9018364	15096689	
10:30:47	62613	829,6654053	3,78710413	22,89648819	15096776	
10:30:52	62829,25	829,6526489	3,774359941	22,89648819	15096863	
10:30:57	62973,72266	829,6390381	3,769899368	22,89648819	15096950	
10:31:02	62951,70313	829,647644	3,773085356	22,89648819	15097038	
10:31:07	62855,44922	829,6293945	3,778820515	22,9018364	15097125	
10:31:12	62924,9375	829,6512451	3,777545929	22,9018364	15097213	
10:31:17	62806,19141	829,6795044	3,783280849	22,9018364	15097300	
10:31:22	62851,96484	829,6500854	3,774996996	22,9018364	15097387	
10:31:27	62664,00391	829,6646118	3,782643557	22,9018364	15097474	
10:31:32	62805,29297	829,6417236	3,777545929	22,9018364	15097562	
10:31:37	62902,29688	829,6243896	3,77372241	22,9018364	15097649	
10:31:42	62855,44141	829,6533813	3,773085356	22,9018364	15097736	
10:31:47	62780,25	829,6606445	3,778820515	22,9018364	15097823	
10:31:52	62782,5625	829,6509399	3,776908398	22,9018364	15097911	
10:31:57	62901,03906	829,6601563	3,778182983	22,89648819	15097998	
10:32:02	62903,29297	829,6306763	3,774359941	22,9018364	15098085	
10:32:07	62927,22656	829,640625	3,776271343	22,9018364	15098173	
10:32:12	62877,58203	829,6629028	3,774996996	22,9018364	15098260	
10:32:17	62950,16797	829,6452637	3,76607585	22,9018364	15098347	
10:32:22	62878,00391	829,6595459	3,776271343	22,9018364	15098435	
10:32:27	62808,69141	829,6291504	3,779457569	22,9018364	15098522	
10:32:32	62855,48047	829,6358643	3,774996996	22,9018364	15098609	
10:32:37	62974,93359	829,633667	3,769899368	22,9018364	15098697	
10:32:42	63284,97266	829,6531982	3,757154942	22,9018364	15098784	
10:32:47	63525,02734	829,6647339	3,75243301	22,9018364	15098873	
10:32:52	63381,84375	829,6428223	3,757791996	22,90718269	15098961	
10:32:57	63500,20703	829,6410522	3,753968716	22,90718269	15099049	
10:33:02	63190,01953	829,6746216	3,770536423	22,90718269	15099137	
10:33:07	62952,92578	829,6221924	3,776271343	22,9018364	15099224	
10:33:12	62829,02344	829,6566162	3,777545929	22,9018364	15099312	
10:33:17	62808,10156	829,6362305	3,776271343	22,9018364	15099399	
10:33:22	62805,78516	829,6651611	3,776271343	22,9018364	15099486	
10:33:27	62877,86328	829,6530151	3,776908398	22,9018364	15099573	
10:33:32	62808,48828	829,6447754	3,779457569	22,9018364	15099661	
10:33:37	62782,14063	829,6538696	3,77563405	22,9018364	15099748	
10:33:42	62733,66016	829,6594849	3,77372241	22,9018364	15099835	
10:33:47	62997,32422	829,6524658	3,76607585	22,9018364	15099922	
10:33:52	62998,69531	829,6598511	3,770536423	22,9018364	15100010	
10:33:57	62805,57422	829,6602173	3,776908398	22,9018364	15100097	
10:34:02	62878,10938	829,651123	3,774359941	22,9018364	15100184	
10:34:07	62998,07031	829,6633301	3,77372241	22,9018364	15100272	
10:34:12	62972,18359	829,6602173	3,769261837	22,9018364	15100359	
10:34:17	62948,16016	829,6872559	3,774996996	22,9018364	15100447	
10:34:22	62805,94141	829,6590576	3,778182983	22,9018364	15100534	
10:34:27	62758,73047	829,637146	3,780094624	22,90718269	15100621	
10:34:32	62830,60938	829,6306763	3,774359941	22,90718269	15100709	
10:34:37	62878,58594	829,6333008	3,774359941	22,90718269	15100796	
10:34:42	62878,83203	829,6384888	3,778182983	22,9125309	15100883	
10:34:47	62877,44531	829,6513062	3,776271343	22,9125309	15100971	
10:34:52	62901,71094	829,6516113	3,77563405	22,9125309	15101058	
10:34:57	62758,73047	829,6386719	3,778182983	22,9125309	15101145	
10:35:02	62875,78125	829,6694336	3,77372241	22,9125309	15101233	
10:35:07	62878,68359	829,6393433	3,77563405	22,9125309	15101320	
10:35:12	62925,45313	829,6466064	3,773085356	22,9125309	15101407	
10:35:17	62950,15234	829,6522827	3,771173477	22,9125309	15101495	
10:35:22	62899,90625	829,6503296	3,776271343	22,9125309	15101582	
10:35:27	62805,26172	829,670105	3,780731916	22,9125309	15101669	
10:35:32	62711,17969	829,6369019	3,777545929	22,9125309	15101756	
10:35:37	62758,64453	829,647583	3,780094624	22,9125309	15101844	
10:35:42	62590,80078	829,6503296	3,780731916	22,9125309	15101931	
10:35:47	62783,1875	829,6328735	3,773085356	22,9125309	15102018	
10:35:52	62900,88672	829,6472778	3,769899368	22,9125309	15102105	
10:35:57	62974,30469	829,6515503	3,774359941	22,9125309	15102192	
10:36:02	62804,56641	829,6546631	3,778182983	22,9125309	15102280	
10:36:07	62782,30078	829,6556396	3,77372241	22,9125309	15102367	
10:36:12	62948,44531	829,6668091	3,768624783	22,9125309	15102454	
10:36:17	62949,78516	829,6390381	3,769899368	22,9125309	15102542	
10:36:22	62878,89453	829,6173706	3,772448063	22,9125309	15102629	
10:36:27	62998,19922	829,6573486	3,772448063	22,9125309	15102717	
10:36:32	62901,38281	829,6577148	3,774996996	22,9125309	15102804	
10:36:37	62949,77344	829,6484985	3,77372241	22,9125309	15102891	
10:36:42	62782,83984	829,6427002	3,77372241	22,91765594	15102979	
10:36:47	62972,32813	829,6443481	3,773085356	22,91765594	15103066	
10:36:52	62901,79297	829,6539307	3,776908398	22,91765594	15103154	
10:36:57	62710,63281	829,6182861	3,782643557	22,91765594	15103241	
10:37:02	62756,70313	829,6793823	3,77563405	22,91765594	15103328	
10:37:07	62854	829,6460571	3,774359941	22,92277908	15103415	
10:37:12	62806,41797	829,6412964	3,776271343	22,92277908	15103502	
10:37:17	62972,70313	829,6640015	3,769899368	22,92277908	15103590	
10:37:22	62971,90234	829,680603	3,770536423	22,92277908	15103677	
10:37:27	62925,93359	829,6315308	3,77563405	22,92277908	15103765	
10:37:32	62924,99609	829,6567993	3,768624783	22,92277908	15103852	
10:37:37	62926,07422	829,630127	3,774359941	22,91765594	15103939	
10:37:42	62780,84375	829,6654053	3,778182983	22,92277908	15104027	
10:37:47	62757,39453	829,649292	3,779457569	22,92812729	15104114	
10:37:52	62757,08594	829,6530151	3,778182983	22,92812729	15104201	
10:37:57	63020,98828	829,6422119	3,769899368	22,92812729	15104288	
10:38:02	63044,60547	829,6331177	3,76607585	22,92277908	15104376	
10:38:07	63094	829,6539307	3,76607585	22,92277908	15104464	
10:38:12	63211,60547	829,6452637	3,760340929	22,93347549	15104551	
10:38:17	63496,02734	829,6845703	3,755243301	22,93347549	15104639	
10:38:22	63570,55078	829,6381226	3,74887085	22,93347549	15104727	
10:38:27	63472,33984	829,6652222	3,755880356	22,92277908	15104814	
10:38:32	63285,70703	829,6442261	3,763526917	22,92277908	15104904	
10:38:37	63090,90625	829,645813	3,770536423	22,92812729	15104991	
10:38:42	62950,04688	829,6382446	3,77563405	22,92812729	15105079	
10:38:47	62878,38281	829,6264648	3,77563405	22,92812729	15105166	
10:38:52	62734,24219	829,6375732	3,779457569	22,92812729	15105254	
10:38:57	62829,04297	829,6494141	3,774359941	22,92812729	15105341	
10:39:02	62780,42578	829,6463623	3,780094624	22,92812729	15105428	
10:39:07	62852,125	829,6517944	3,77563405	22,92812729	15105515	
10:39:12	62876,27734	829,6569214	3,769899368	22,92812729	15105603	
10:39:17	62901,03125	829,6392212	3,773085356	22,92812729	15105690	
10:39:22	63020,20313	829,649292	3,768624783	22,92812729	15105777	
10:39:27	62996,54297	829,6595459	3,776271343	22,92812729	15105865	
10:39:32	62806,5	829,645752	3,778820515	22,93347549	15105952	
10:39:37	62806,05469	829,630127	3,778820515	22,92812729	15106039	
10:39:42	62878,04297	829,6418457	3,776271343	22,92812729	15106127	
10:39:47	62852,98828	829,663269	3,778820515	22,92812729	15106214	
10:39:52	62732,14453	829,640564	3,780094624	22,92812729		

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325MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	62.947,08	829,66	3,77	22,94		
DESVEST	230,8715	0,0225	0,0080	0,0155		
%DESVEST	0,3668%	0,0027%	0,2133%	0,0676%		
DATOS	721	721	721	721	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	1:00:00				CONSUMO [l/h]	63.007 63.007,00
10:40:12	62831,04688	829,647583	3,77545929	22,92812729		15106651
10:40:17	62735,29297	829,6170044	3,778182983	22,93347549		15106738
10:40:22	62782,19922	829,6325684	3,773085356	22,93347549		15106825
10:40:27	62877,21094	829,6324463	3,771173477	22,93347549		15106912
10:40:32	62828,91797	829,6586914	3,778182983	22,93347549		15107000
10:40:37	62924,51953	829,6478882	3,77372241	22,93347549		15107087
10:40:42	62828,95703	829,6341553	3,773085356	22,93347549		15107174
10:40:47	62829,98047	829,6420288	3,778820515	22,93347549		15107261
10:40:52	62780,25781	829,6419678	3,772448063	22,93347549		15107349
10:40:57	62876,88281	829,6430054	3,771173477	22,93347549		15107436
10:41:02	62901,44141	829,6297607	3,776908398	22,93882179		15107523
10:41:07	62925,26563	829,6310425	3,771173477	22,93882179		15107611
10:41:12	62830,22266	829,6294556	3,776908398	22,93882179		15107698
10:41:17	62733,60938	829,6151123	3,778182983	22,93882179		15107785
10:41:22	62757,47656	829,6442261	3,778182983	22,93882179		15107872
10:41:27	62734,49219	829,6255493	3,77372241	22,93882179		15107959
10:41:32	62803,73828	829,6741333	3,771811008	22,93882179		15108047
10:41:37	62926,86328	829,628479	3,773085356	22,94394684		15108134
10:41:42	62901,51953	829,6203003	3,77372241	22,93882179		15108221
10:41:47	62854,78906	829,6416016	3,772448063	22,93882179		15108309
10:41:52	62854,72656	829,6241455	3,76798749	22,93882179		15108396
10:41:57	62995,04297	829,6602173	3,768624783	22,94394684		15108483
10:42:02	63163,25	829,6328125	3,761615276	22,94394684		15108571
10:42:07	63354,10938	829,6528931	3,759066343	22,94394684		15108659
10:42:12	63380,58984	829,6352539	3,763526917	22,94394684		15108747
10:42:17	63045,33203	829,6122437	3,773085356	22,94394684		15108835
10:42:22	62732,53516	829,6422119	3,778820515	22,94394684		15108922
10:42:27	62902,88281	829,6154175	3,77372241	22,93882179		15109009
10:42:32	62877,53906	829,6289673	3,774359941	22,93882179		15109097
10:42:37	62997,46875	829,6342163	3,774359941	22,94394684		15109184
10:42:42	62855,50391	829,6414795	3,782006502	22,94394684		15109271
10:42:47	62518,22656	829,6199341	3,78454958	22,94394684		15109358
10:42:52	62781,59375	829,6225586	3,771173477	22,94394684		15109445
10:42:57	62997,76172	829,6300049	3,772448063	22,94394684		15109533
10:43:02	62829,97656	829,6312256	3,776908398	22,94394684		15109620
10:43:07	62996,68359	829,6196899	3,769899368	22,94394684		15109708
10:43:12	62974,62109	829,609375	3,771173477	22,94394684		15109795
10:43:17	62902,25	829,637207	3,774359941	22,94394684		15109882
10:43:22	62757,48438	829,6275635	3,779457569	22,94394684		15109970
10:43:27	62755,74219	829,651001	3,774359941	22,94394684		15110057
10:43:32	62876,85547	829,6069946	3,769899368	22,94394684		15110144
10:43:37	62778,80078	829,6499634	3,77563405	22,94394684		15110231
10:43:42	62948,85156	829,6347656	3,76798749	22,94394684		15110319
10:43:47	63021,67969	829,6175537	3,768624783	22,94907188		15110406
10:43:52	62851,25	829,6395874	3,774359941	22,94394684		15110494
10:43:57	62947,86328	829,6499023	3,771811008	22,94394684		15110581
10:44:02	62922,97656	829,6622314	3,778182983	22,94394684		15110668
10:44:07	62830,51172	829,6282959	3,778820515	22,94394684		15110756
10:44:12	62828,53516	829,6430054	3,77563405	22,94394684		15110843
10:44:17	62852,56641	829,647644	3,768624783	22,94394684		15110930
10:44:22	63043,73047	829,6473999	3,769899368	22,94394684		15111018
10:44:27	62995,98438	829,6469727	3,773085356	22,94394684		15111105
10:44:32	62853,89063	829,6260986	3,776908398	22,94394684		15111193
10:44:37	62758,8125	829,6447144	3,779457569	22,94394684		15111280
10:44:42	62758,52734	829,6203003	3,778820515	22,94394684		15111367
10:44:47	62637,53516	829,6375732	3,780731916	22,94394684		15111454
10:44:52	62851,36328	829,6340332	3,769899368	22,94394684		15111541
10:44:57	62923,07031	829,6549683	3,770536423	22,94394684		15111628
10:45:02	62949,78516	829,6115112	3,771811008	22,94394684		15111716
10:45:07	62782,26563	829,6278076	3,778182983	22,94394684		15111803
10:45:12	62780,50391	829,6478271	3,778182983	22,93882179		15111890
10:45:17	62779,20703	829,6577759	3,776908398	22,93882179		15111978
10:45:22	62805,26953	829,6333008	3,776271343	22,93882179		15112065
10:45:27	62972,71484	829,6397705	3,770536423	22,93882179		15112152
10:45:32	62851,98828	829,6248779	3,776908398	22,94394684		15112239
10:45:37	62686,96484	829,6316528	3,780731916	22,94394684		15112327
10:45:42	62876,77734	829,6279907	3,76798749	22,94394684		15112414
10:45:47	62948,33203	829,6364746	3,770536423	22,94394684		15112501
10:45:52	62853,94531	829,6275635	3,774996996	22,94394684		15112588
10:45:57	62949,37891	829,6300049	3,770536423	22,94394684		15112676
10:46:02	62948,08203	829,6374512	3,769899368	22,95441818		15112763
10:46:07	62922,42188	829,6394043	3,772448063	22,95976639		15112851
10:46:12	62950,40625	829,616272	3,769899368	22,94907188		15112938
10:46:17	62780,36328	829,659729	3,77563405	22,94907188		15113025
10:46:22	62948,82031	829,6295776	3,77372241	22,95441818		15113113
10:46:27	62685,63672	829,6315308	3,77545929	22,95441818		15113200
10:46:32	62661,55859	829,6265869	3,779457569	22,95976639		15113287
10:46:37	62782,22656	829,6166992	3,770536423	22,95441818		15113374
10:46:42	62853,17969	829,6343994	3,77563405	22,94907188		15113461
10:46:47	62779,67188	829,647583	3,77563405	22,95441818		15113549
10:46:52	62734,28516	829,628418	3,774359941	22,95441818		15113636
10:46:57	62924,07031	829,6400146	3,765438795	22,95441818		15113723
10:47:02	63018,44531	829,6347046	3,76798749	22,95441818		15113811
10:47:07	62877,63672	829,6430054	3,772448063	22,95441818		15113898
10:47:12	62829,16797	829,6256104	3,773085356	22,95441818		15113985
10:47:17	62877,40625	829,6097412	3,772448063	22,95441818		15114072
10:47:22	62852,83203	829,6253052	3,776271343	22,95441818		15114160
10:47:27	62828,60156	829,6408081	3,776271343	22,94907188		15114247
10:47:32	62685,04688	829,6320801	3,778182983	22,94907188		15114334
10:47:37	62804,64063	829,630188	3,769899368	22,94907188		15114421
10:47:42	62899,61719	829,6430664	3,76798749	22,95441818		15114509
10:47:47	62877,14844	829,6208496	3,769261837	22,95441818		15114596
10:47:52	62878,04297	829,6193848	3,768624783	22,95441818		15114683
10:47:57	63140,49609	829,6328735	3,766712904	22,95441818		15114771
10:48:02	62851,77734	829,6258545	3,77372241	22,95441818		15114858
10:48:07	62877,79688	829,6193237	3,772448063	22,95441818		15114946
10:48:12	62853,21875	829,614624	3,774359941	22,95441818		15115033
10:48:17	62804,64453	829,6609497	3,774359941	22,95441818		15115120
10:48:22	62829,77734	829,6280518	3,776271343	22,95441818		15115207
10:48:27	63019,43359	829,6583252	3,769261837	22,95441818		15115295
10:48:32	62782,13672	829,6238403	3,77563405	22,95441818		15115382
10:48:37	62779,97656	829,6330566	3,778182983	22,95441818		15115469
10:48:42	62758,02734	829,6174316	3,769899368	22,95441818		15115557
10:48:47	62779,95313	829,6245728	3,772448063	22,95441818		15115644
10:48:52	62878,14063	829,6156006	3,768624783	22,95441818		15115731
10:48:57	62829,69141	829,604126	3,773085356	22,94907188		15115818
10:49:02	62830,46484	829,6209717	3,772448063	22,94907188		15115906
10:49:07	62829,75391	829,6132202	3,771173477	22,94907188		15115993
10:49:12	62971,12109	829,6439819	3,771173477	22,94907188		15116080
10:49						

Consumo diesel Nehuenco II 02-02-2021

325MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	62.947,08	829,66	3,77	22,94		
DESVEST	230,8715	0,0225	0,0080	0,0155		
%DESVEST	0,3668%	0,0027%	0,2133%	0,0676%		
DATOS	721	721	721	721	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	1:00:00				CONSUMO [l/h]	63.007
						63.007,00
10:50:27	62926,03906	829,6036377	3,769899368	22,95976639		15117389
10:50:32	62994,625	829,6328125	3,766712904	22,95976639		15117477
10:50:37	62949,01953	829,6262207	3,772448063	22,95976639		15117564
10:50:42	62901,58203	829,62146	3,771811008	22,95976639		15117652
10:50:47	62852,55469	829,6274414	3,77372241	22,95976639		15117739
10:50:52	62733,52734	829,6150513	3,779457569	22,95976639		15117826
10:50:57	62829,16016	829,6187744	3,772448063	22,95976639		15117913
10:51:02	62923,77344	829,6434326	3,767350435	22,95976639		15118001
10:51:07	63258,65625	829,651062	3,759703875	22,95976639		15118088
10:51:12	63475,47266	829,6507568	3,751419783	22,95441818		15118176
10:51:17	63569,92188	829,6412964	3,750782728	22,95441818		15118264
10:51:22	63500,06641	829,6055908	3,750145435	22,95441818		15118353
10:51:27	63474,35156	829,6425171	3,753968716	22,95441818		15118441
10:51:32	63404,19141	829,6333008	3,757154942	22,95441818		15118529
10:51:37	63283,15234	829,6409302	3,763526917	22,94907188		15118617
10:51:42	62995,53516	829,6429443	3,770536423	22,94907188		15118705
10:51:47	62852,82031	829,6360474	3,77372241	22,94907188		15118792
10:51:52	62900,875	829,6428223	3,772448063	22,94907188		15118879
10:51:57	62948,03906	829,6262207	3,76798749	22,94907188		15118967
10:52:02	62876,375	829,6240845	3,769899368	22,95441818		15119054
10:52:07	63019,42188	829,6324463	3,768624783	22,94907188		15119142
10:52:12	62758,07422	829,6380005	3,777545929	22,94907188		15119229
10:52:17	62850,75781	829,6606445	3,769899368	22,94907188		15119316
10:52:22	62876,61719	829,6462402	3,77372241	22,94394684		15119403
10:52:27	62782,19922	829,6390991	3,776271343	22,94394684		15119491
10:52:32	62684,51953	829,6585693	3,77563405	22,94394684		15119578
10:52:37	62827,89063	829,6592407	3,76798749	22,94394684		15119665
10:52:42	62851,92969	829,6472168	3,769899368	22,94394684		15119752
10:52:47	62875,42969	829,6337891	3,771173477	22,94394684		15119840
10:52:52	62995,69531	829,6514893	3,769899368	22,94394684		15119927
10:52:57	62874,92578	829,6589966	3,772448063	22,94394684		15120014
10:53:02	62828,63281	829,6569824	3,771811008	22,93882179		15120102
10:53:07	62779,80078	829,6558838	3,769899368	22,93882179		15120189
10:53:12	62875,95313	829,651001	3,771173477	22,93882179		15120276
10:53:17	62948,16406	829,6599121	3,768624783	22,93882179		15120364
10:53:22	62826,48438	829,6564331	3,771173477	22,93882179		15120451
10:53:27	62876,06641	829,6586304	3,774996996	22,93882179		15120538
10:53:32	62948,04297	829,6350708	3,772448063	22,93882179		15120626
10:53:37	62923,51172	829,6455688	3,768624783	22,94394684		15120713
10:53:42	62995,95313	829,638916	3,76798749	22,94394684		15120800
10:53:47	62804,21094	829,651123	3,776908398	22,94394684		15120888
10:53:52	62827,08594	829,6658325	3,77563405	22,94394684		15120975
10:53:57	62923,20313	829,6519775	3,770536423	22,94394684		15121062
10:54:02	62972,30859	829,6547241	3,771811008	22,94394684		15121150
10:54:07	62829,61719	829,6386108	3,77372241	22,93882179		15121237
10:54:12	62757,77344	829,640564	3,77372241	22,93882179		15121324
10:54:17	62709,20313	829,6450806	3,776908398	22,93882179		15121411
10:54:22	62875,71875	829,6590576	3,771811008	22,94394684		15121499
10:54:27	63020,71094	829,6218872	3,769261837	22,94394684		15121586
10:54:32	62970,58594	829,6624146	3,769261837	22,94394684		15121674
10:54:37	62972,67188	829,6535645	3,771811008	22,94394684		15121761
10:54:42	62755,60938	829,6522827	3,773085356	22,94394684		15121848
10:54:47	62899,64453	829,6619873	3,770536423	22,93882179		15121936
10:54:52	62757,55469	829,6356812	3,777545929	22,93882179		15122023
10:54:57	62686,01172	829,6455078	3,778182983	22,93882179		15122110
10:55:02	62684,59766	829,6534424	3,77372241	22,93882179		15122197
10:55:07	62923,47656	829,6542358	3,76798749	22,93882179		15122284
10:55:12	63213,38672	829,6351318	3,75460577	22,93882179		15122372
10:55:17	63616,16406	829,6844482	3,745684862	22,93882179		15122460
10:55:22	63593,67578	829,6522217	3,750782728	22,93882179		15122548
10:55:27	63593,14063	829,6696167	3,745684862	22,93882179		15122637
10:55:32	63521,51172	829,6766968	3,753968716	22,93882179		15122725
10:55:37	63474,30469	829,6606445	3,749508381	22,93882179		15122813
10:55:42	63426,12109	829,6532593	3,753331423	22,93882179		15122901
10:55:47	63545,13281	829,6556396	3,748233795	22,93882179		15122989
10:55:52	63615,8125	829,6524048	3,752694368	22,93882179		15123077
10:55:57	63545,27344	829,671936	3,74887085	22,93882179		15123166
10:56:02	63450,96875	829,647644	3,752057314	22,93882179		15123254
10:56:07	63498,55078	829,6676636	3,756517887	22,93882179		15123342
10:56:12	63404,50781	829,6349487	3,755243301	22,93882179		15123430
10:56:17	63547,99219	829,6243286	3,752694368	22,93882179		15123519
10:56:22	63332,32031	829,6486206	3,760340929	22,93882179		15123607
10:56:27	63042,34375	829,6513062	3,76607585	22,93882179		15123695
10:56:32	62947,83203	829,6473999	3,766712904	22,93882179		15123782
10:56:37	62971,43359	829,6641235	3,769899368	22,93882179		15123870
10:56:42	62925,26953	829,6453247	3,771811008	22,93882179		15123957
10:56:47	62685,40625	829,6404419	3,778820515	22,93882179		15124044
10:56:52	62804,84375	829,6380005	3,774359941	22,93882179		15124131
10:56:57	62877,27344	829,6357422	3,770536423	22,93882179		15124219
10:57:02	62780,27344	829,6400146	3,773085356	22,93882179		15124306
10:57:07	62946,28516	829,6793213	3,766712904	22,93882179		15124393
10:57:12	63139,83203	829,640564	3,76798749	22,93882179		15124481
10:57:17	62875,86719	829,6281128	3,777545929	22,94394684		15124568
10:57:22	62758,51953	829,6397095	3,77563405	22,94394684		15124655
10:57:27	62730,71094	829,6569214	3,773085356	22,94394684		15124743
10:57:32	62730,57422	829,6652832	3,771811008	22,93882179		15124830
10:57:37	62900,00391	829,6439209	3,772448063	22,93882179		15124917
10:57:42	62900,94922	829,6339722	3,769261837	22,93882179		15125004
10:57:47	62948,96875	829,6453857	3,771173477	22,93882179		15125092
10:57:52	62805,06641	829,6395264	3,774359941	22,94394684		15125179
10:57:57	62708,46875	829,6602783	3,774996996	22,94394684		15125266
10:58:02	62754,78125	829,6699829	3,770536423	22,94394684		15125353
10:58:07	62803,38672	829,6673584	3,773085356	22,94394684		15125441
10:58:12	62923,88672	829,6744995	3,76798749	22,94394684		15125528
10:58:17	62778,75	829,6561279	3,773085356	22,93882179		15125615
10:58:22	62852,19141	829,6456299	3,767350435	22,93882179		15125702
10:58:27	62923,09375	829,6691895	3,770536423	22,93882179		15125790
10:58:32	62804,51563	829,6584473	3,776271343	22,93347549		15125877
10:58:37	62851,58594	829,6439819	3,774996996	22,93347549		15125964
10:58:42	62780,02344	829,6488037	3,77372241	22,93882179		15126052
10:58:47	62971,58203	829,6604004	3,762252331	22,93882179		15126139
10:58:52	63400,90234	829,6433105	3,752057314	22,93882179		15126227
10:58:57	63663,69922	829,6867676	3,746322155	22,93882179		15126315
10:59:02	63591,70313	829,6535034	3,746959209	22,93882179		15126403
10:59:07	63521,05859	829,6746826	3,748233795	22,93882179		15126492
10:59:12	63616,83594	829,6517944	3,749508381	22,93882179		15126580
10:59:17	63140,68359	829,6462402	3,76607585	22,94394684		15126668
10:59:22	62779,89453	829,6535034	3,774359941	22,94394684		15126755
10:59:27	62708,48047	829,6473999	3,77372241	22,93882179		15126842
10:59:32	62754,98438	829,6713257	3,772448063	22,93882179		15126930
10:59:37	62779,54297	829,6585083	3,772448063	22,93882179		15127017
10:59:42	63064,69531	829,6618652	3,759703875	22,93882179		15127104
10:59:47	63450,44141	829,6449585	3,751419783	22,93882179		15127192
10:59:52	63593,10938	829,6604614	3,747596741	22,93882179		15127280
10:59:57	63592,69922	829,6582031	3,751419783	22,94394684		15127369
11:00:02	63427,19531	829,6473999	3,759703875	22,94394684		15127457
11:00:07	63188,17188	829,6365356	3,769899368	22,94394684		15127545
11:00:12	62781,70313	829,6270752	3,776271343	22,94394684		15127632
11:00:17	62898,61328	829,6731567	3,7673			

Consumo diesel Nehuenco II 02-02-2021

325MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	62.947,08	829,66	3,77	22,94		
DESV EST	230,8715	0,0225	0,0080	0,0155		
%DESV EST	0,3668%	0,0027%	0,2133%	0,0676%		
DATOS	721	721	721	721	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	1:00:00				CONSUMO [l/h]	63.007
						63.007,00
11:00:42	62947,42578	829,6530762	3,771173477	22,94394684		15128156
11:00:47	62922,42969	829,6693115	3,772448063	22,94394684		15128243
11:00:52	62852,64063	829,6273804	3,771811008	22,94394684		15128331
11:00:57	62898,16797	829,6768188	3,771173477	22,94394684		15128418
11:01:02	62993,63281	829,6635742	3,769261837	22,94907188		15128505
11:01:07	62899,77344	829,6569824	3,768624783	22,94907188		15128593
11:01:12	62874,00781	829,6617432	3,770536423	22,94394684		15128680
11:01:17	62994,66016	829,6496582	3,769261837	22,94394684		15128767
11:01:22	62756,03125	829,6467896	3,77563405	22,94907188		15128855
11:01:27	62897,98438	829,6621704	3,771811008	22,94907188		15128942
11:01:32	62923,23047	829,6450195	3,765438795	22,94394684		15129029
11:01:37	63330,12891	829,6621704	3,749508381	22,94394684		15129117
11:01:42	63543,28906	829,6709595	3,746322155	22,94394684		15129205
11:01:47	63568,04688	829,6625977	3,753968716	22,94394684		15129293
11:01:52	63378,83594	829,6453857	3,757154942	22,94394684		15129382
11:01:57	63091,20313	829,6711426	3,770536423	22,94394684		15129469
11:02:02	62923,24219	829,6481323	3,772448063	22,94394684		15129557
11:02:07	62947,45703	829,6442871	3,771811008	22,94394684		15129644
11:02:12	62921,35547	829,6414185	3,767350435	22,94394684		15129732
11:02:17	62803,96484	829,6612549	3,77563405	22,94394684		15129819
11:02:22	62804,02734	829,6499023	3,77372241	22,94394684		15129906
11:02:27	62802,74609	829,6539917	3,774996996	22,94907188		15129993
11:02:32	62756,76172	829,6370875	3,774996996	22,94907188		15130081
11:02:37	62779,08984	829,6352539	3,77372241	22,94907188		15130168
11:02:42	63042,48047	829,6380005	3,764801502	22,94907188		15130255
11:02:47	63115,46094	829,6578979	3,765438795	22,94907188		15130343
11:02:52	63184,07422	829,6829224	3,758429289	22,95441818		15130430
11:02:57	63426,00781	829,6538086	3,753331423	22,95441818		15130518
11:03:02	63140,11328	829,6459351	3,769261837	22,94907188		15130606
11:03:07	62924,77344	829,6308594	3,77372241	22,94907188		15130694
11:03:12	62755,44922	829,6431274	3,77372241	22,94907188		15130781
11:03:17	62924,61328	829,6484985	3,776271343	22,94907188		15130868
11:03:22	62780,66797	829,6330566	3,770536423	22,94907188		15130955
11:03:27	62971,20313	829,6680908	3,766712904	22,94907188		15131043
11:03:32	62971,74609	829,6416016	3,769899368	22,94907188		15131130
11:03:37	62681,16406	829,6819458	3,784554958	22,94907188		15131218
11:03:42	62685,03516	829,6362305	3,774359941	22,94907188		15131304
11:03:47	62683,79297	829,6268311	3,778820515	22,94907188		15131392
11:03:52	62684,9375	829,6489868	3,776908398	22,94907188		15131479
11:03:57	62874,75391	829,6483765	3,766712904	22,94907188		15131566
11:04:02	62901,05469	829,6585083	3,770536423	22,94907188		15131653
11:04:07	62945,91406	829,6644897	3,769261837	22,94907188		15131741
11:04:12	62947,60156	829,6530151	3,76798749	22,94907188		15131828
11:04:17	62827,51953	829,651001	3,770536423	22,94907188		15131915
11:04:22	62923,72656	829,6557617	3,771173477	22,94907188		15132003
11:04:27	62899,09375	829,6432495	3,772448063	22,94907188		15132090
11:04:32	62994,39063	829,6620483	3,764801502	22,94907188		15132177
11:04:37	62970,82422	829,6686401	3,772448063	22,94907188		15132265
11:04:42	62945,33594	829,656189	3,76798749	22,94907188		15132352
11:04:47	62948,16406	829,6190796	3,772448063	22,94907188		15132440
11:04:52	62757,70313	829,6539307	3,774996996	22,94907188		15132527
11:04:57	62848,46875	829,6733398	3,76798749	22,94907188		15132614
11:05:02	62921,41406	829,6651611	3,770536423	22,94907188		15132702
11:05:07	62897,89063	829,6738892	3,769899368	22,94907188		15132789
11:05:12	62802,23047	829,6484375	3,771173477	22,94907188		15132876
11:05:17	62730,28516	829,6575317	3,771173477	22,94907188		15132963
11:05:22	62802,63672	829,6587524	3,768624783	22,94907188		15133051
11:05:27	62969,49609	829,661438	3,769899368	22,94907188		15133138
11:05:32	62945,71094	829,6685791	3,765438795	22,94907188		15133225
11:05:37	62995,64453	829,6499023	3,770536423	22,94907188		15133313
11:05:42	62826,69922	829,6538086	3,77372241	22,94907188		15133400
11:05:47	62802,67188	829,6427612	3,772448063	22,94907188		15133488
11:05:52	62873,10938	829,6605835	3,770536423	22,94907188		15133575
11:05:57	62921,49219	829,6652832	3,769899368	22,94907188		15133662
11:06:02	62753,75	829,6484375	3,77372241	22,95441818		15133749
11:06:07	62947,40625	829,6702271	3,771173477	22,95441818		15133837
11:06:12	62825,27344	829,6853638	3,772448063	22,95441818		15133924
11:06:17	62801,91406	829,6800537	3,77372241	22,95441818		15134011
11:06:22	62849,22656	829,673584	3,769899368	22,94907188		15134099
11:06:27	62827,78125	829,6499634	3,773085356	22,94907188		15134186
11:06:32	62898,28906	829,6640625	3,769261837	22,94907188		15134273
11:06:37	62730,63281	829,6751099	3,774359941	22,94907188		15134360
11:06:42	62634,22656	829,6720581	3,779457569	22,94907188		15134447
11:06:47	62658,97656	829,659668	3,770536423	22,94394684		15134534
11:06:52	62849,94141	829,6914673	3,768624783	22,94394684		15134622
11:06:57	62922,26563	829,659729	3,764164448	22,94394684		15134709
11:07:02	63018,56641	829,6594849	3,764164448	22,94394684		15134796
11:07:07	62993,27734	829,6751099	3,764801502	22,94394684		15134884
11:07:12	62849,42969	829,6878052	3,769261837	22,94394684		15134971
11:07:17	62897,31641	829,6698608	3,766712904	22,94394684		15135059
11:07:22	62968,48047	829,6747437	3,771173477	22,94907188		15135146
11:07:27	62971,03125	829,6616821	3,769261837	22,94907188		15135234
11:07:32	62755,07422	829,6761475	3,776271343	22,94907188		15135321
11:07:37	62826,33203	829,6712036	3,76798749	22,94907188		15135408
11:07:42	62825,99609	829,6898193	3,771173477	22,94907188		15135495
11:07:47	62921,68359	829,6549683	3,76607585	22,94907188		15135583
11:07:52	62850,17969	829,6885986	3,777545929	22,94907188		15135670
11:07:57	62779,96094	829,6557617	3,776908398	22,94394684		15135757
11:08:02	62753,02734	829,6837769	3,774359941	22,94394684		15135844
11:08:07	62920,55859	829,6858521	3,771173477	22,94394684		15135932
11:08:12	62873,69141	829,6984863	3,773085356	22,94394684		15136019
11:08:17	62821,5	829,7175293	3,76798749	22,94394684		15136106
11:08:22	62969,09375	829,6646118	3,764801502	22,94394684		15136194
11:08:27	62943,27734	829,682373	3,770536423	22,94394684		15136281
11:08:32	62873,86719	829,6841431	3,774996996	22,94394684		15136369
11:08:37	62729,60938	829,668396	3,770536423	22,94394684		15136456
11:08:42	62850,13281	829,6731567	3,769899368	22,94394684		15136543
11:08:47	63017,28516	829,6854858	3,768624783	22,94394684		15136630
11:08:52	63065,09766	829,6702271	3,765438795	22,94394684		15136718
11:08:57	62848,94531	829,6741333	3,772448063	22,94394684		15136805
11:09:02	62827,67578	829,6755981	3,774359941	22,94394684		15136893
11:09:07	62970,49609	829,6714478	3,76798749	22,94394684		15136980
11:09:12	62852,40625	829,6672363	3,774359941	22,93882179		15137067
11:09:17	62970,40625	829,692749	3,767350435	22,93882179		15137155
11:09:22	62779,91406	829,6690063	3,780731916	22,93882179		15137242
11:09:27	62824,62109	829,6766357	3,769261837	22,94394684		15137329
11:09:32	62825,53125	829,6660156	3,77563405	22,94394684		15137417
11:09:37	62756,01172	829,6629639	3,77563405	22,94394684		15137504
11:09:42	62754,375	829,6700439	3,769261837	22,94394684		15137591
11:09:47	63017,12109	829,6809692	3,767350435	22,94394684		15137678
11:09:52	63113,25391	829,6629639	3,763526917	22,94907188		15137766
11:09:57	62921,34766	829,6779785	3,767350435	22,94394684		15137853
11:10:02	63112,87109	829,6881714	3,755880356	22,93882179		15137941
11:10:07	63494,99219	829,668335	3,745047808	22,94394684		15138029
11:10:12	63497,42578	829,6798706	3,753968716	22,94394684		15138117
11:10:17	63423,94141	829,6836548	3,751419783	22,94394684		15138205
11:10:22	63707,86719	829,7159424	3,745047808	22,94394684		15138293
11:10:27	63641,55469	829,664978	3,751419783	22,94394684		15138381
11:10:32	63569,03125	829,6680908	3,751419783			

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325MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	62.947,08	829,66	3,77	22,94		
DESVEST	230,8715	0,0225	0,0080	0,0155		
%DESVEST	0,3668%	0,0027%	0,2133%	0,0676%		
DATOS	721	721	721	721	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	1:00:00				CONSUMO [l/h]	63.007
						63.007,00
11:10:57	62781,29688	829,6743164	3,77372241	22,94394684		15138908
11:11:02	62826,39063	829,6695557	3,780731916	22,94394684		15138995
11:11:07	62658,59766	829,6525879	3,777545929	22,94394684		15139082
11:11:12	62708,39453	829,6488647	3,774359941	22,94907188		15139169
11:11:17	62827,39063	829,6626587	3,76798749	22,94907188		15139256
11:11:22	62920,78125	829,682251	3,769261837	22,94394684		15139344
11:11:27	62944,79297	829,6953125	3,763526917	22,94394684		15139431
11:11:32	63016,41406	829,6742554	3,766712904	22,94394684		15139519
11:11:37	62921,9375	829,6502686	3,769899368	22,94394684		15139606
11:11:42	62945,99609	829,6739502	3,768624783	22,94394684		15139693
11:11:47	62898,20313	829,6777344	3,771811008	22,94394684		15139781
11:11:52	62945,63281	829,6772461	3,771811008	22,94394684		15139868
11:11:57	62754,01953	829,6689453	3,77563405	22,94394684		15139955
11:12:02	62849,19141	829,6851807	3,769899368	22,94394684		15140043
11:12:07	62968,26563	829,6740723	3,76798749	22,94394684		15140130
11:12:12	62803,52734	829,6605835	3,774996996	22,94394684		15140217
11:12:17	62729,89844	829,6743774	3,777545929	22,94394684		15140304
11:12:22	62922,125	829,6729126	3,771811008	22,94907188		15140392
11:12:27	62680,98047	829,6947021	3,781368971	22,94907188		15140479
11:12:32	62560,03516	829,701355	3,780731916	22,94907188		15140566
11:12:37	62682,81641	829,6680298	3,76798749	22,94907188		15140653
11:12:42	63183,80469	829,6782227	3,759066343	22,94907188		15140740
11:12:47	63064,63672	829,6688843	3,76798749	22,94907188		15140828
11:12:52	63018,12109	829,6665039	3,762252331	22,94394684		15140915
11:12:57	63304,13281	829,6797485	3,753331423	22,94394684		15141003
11:13:02	63375,94141	829,6882324	3,759066343	22,94394684		15141091
11:13:07	63423,25	829,6912231	3,748233795	22,94394684		15141179
11:13:12	63543,38672	829,6811523	3,746322155	22,94394684		15141267
11:13:17	63352,55078	829,6876831	3,761615276	22,94394684		15141356
11:13:22	62944,59766	829,6958618	3,776908398	22,94394684		15141443
11:13:27	62802,06641	829,6936035	3,776271343	22,94394684		15141531
11:13:32	62825,6875	829,6852417	3,772448063	22,94394684		15141618
11:13:37	62752,65234	829,6807861	3,773085356	22,94907188		15141705
11:13:42	62774,9375	829,6954346	3,772448063	22,94907188		15141792
11:13:47	62921,48828	829,6952515	3,771173477	22,94907188		15141880
11:13:52	62610,55469	829,663208	3,778820515	22,94907188		15141967
11:13:57	62753,625	829,6792603	3,770536423	22,94394684		15142054
11:14:02	63017,625	829,6643677	3,765438795	22,94394684		15142141
11:14:07	63088,78906	829,6706543	3,768624783	22,94907188		15142229
11:14:12	62778,39844	829,6728516	3,773085356	22,94907188		15142316
11:14:17	62899,50391	829,6445313	3,768624783	22,94907188		15142403
11:14:22	62873,88672	829,6863403	3,771173477	22,94907188		15142491
11:14:27	62970,6875	829,6574097	3,771173477	22,94907188		15142578
11:14:32	62897,35938	829,6913452	3,774996996	22,94907188		15142665
11:14:37	62849,74219	829,6656494	3,768624783	22,94907188		15142753
11:14:42	63184,86719	829,6726074	3,757791996	22,94907188		15142840
11:14:47	63520,67969	829,6633301	3,745684862	22,94907188		15142928
11:14:52	63616,79688	829,6815186	3,749508381	22,94907188		15143016
11:14:57	63495,47266	829,6942749	3,756517887	22,94907188		15143105
11:15:02	63447,56641	829,6737061	3,752057314	22,94394684		15143193
11:15:07	63400,77344	829,6833496	3,760978222	22,94394684		15143281
11:15:12	62923,82031	829,6342773	3,773085356	22,94394684		15143369
11:15:17	62778,90625	829,6728516	3,77563405	22,94394684		15143456
11:15:22	62919,92188	829,6808472	3,769899368	22,94907188		15143543
11:15:27	62872,26563	829,6873169	3,773085356	22,94907188		15143631
11:15:32	62895,53906	829,6713257	3,768624783	22,94907188		15143718
11:15:37	62873,54688	829,6752319	3,771173477	22,94907188		15143805
11:15:42	62945,18359	829,6669922	3,769261837	22,94907188		15143893
11:15:47	63017,26953	829,6930542	3,768624783	22,94907188		15143980
11:15:52	63016,22656	829,6675415	3,764801502	22,94907188		15144068
11:15:57	63280,82031	829,6744995	3,755880356	22,94907188		15144155
11:16:02	63114,03516	829,6867065	3,769261837	22,94907188		15144243
11:16:07	62896,15234	829,6861572	3,772448063	22,94907188		15144331
11:16:12	62755,09375	829,6565552	3,777545929	22,94907188		15144418
11:16:17	62849,0625	829,6685181	3,76798749	22,94394684		15144505
11:16:22	62755,32031	829,6603394	3,776908398	22,94394684		15144592
11:16:27	62777,24609	829,7008667	3,777545929	22,94394684		15144680
11:16:32	62800,40234	829,6713867	3,770536423	22,94394684		15144767
11:16:37	62872,47656	829,7006836	3,771173477	22,94394684		15144854
11:16:42	62896,01953	829,6862793	3,77372241	22,94907188		15144941
11:16:47	62801,32813	829,6784668	3,771173477	22,94907188		15145029
11:16:52	62872,80078	829,6859131	3,77563405	22,94907188		15145116
11:16:57	62872,98828	829,6672974	3,772448063	22,94907188		15145203
11:17:02	62824,05469	829,6930542	3,771173477	22,94907188		15145291
11:17:07	63042,71875	829,6759033	3,766712904	22,94907188		15145378
11:17:12	62990,99219	829,6939697	3,770536423	22,94907188		15145466
11:17:17	62969,01563	829,6776733	3,771173477	22,94907188		15145553
11:17:22	62800,89063	829,6740723	3,778182983	22,94907188		15145640
11:17:27	62680,62109	829,6953735	3,776908398	22,94907188		15145727
11:17:32	62632,23047	829,6989136	3,776908398	22,94907188		15145815
11:17:37	62849,34766	829,6793823	3,770536423	22,94907188		15145902
11:17:42	63017,90234	829,6674194	3,76607585	22,94907188		15145989
11:17:47	62991,66406	829,6849976	3,763526917	22,94907188		15146077
11:17:52	63351,17969	829,6921387	3,758429289	22,94394684		15146164
11:17:57	63303,91797	829,6764526	3,759703875	22,94394684		15146252
11:18:02	62919,48438	829,6957397	3,770536423	22,94394684		15146340
11:18:07	62777,30859	829,687561	3,774996996	22,94394684		15146427
11:18:12	62801,49219	829,687439	3,771173477	22,94907188		15146515
11:18:17	62848,04297	829,7015381	3,766712904	22,95441818		15146602
11:18:22	62967,60547	829,6785889	3,764801502	22,95441818		15146689
11:18:27	63014,84766	829,696106	3,760978222	22,95441818		15146777
11:18:32	62991,91797	829,7021484	3,772448063	22,95441818		15146864
11:18:37	62609,05078	829,7084961	3,781368971	22,94907188		15146951
11:18:42	62777,38281	829,6601563	3,772448063	22,94907188		15147039
11:18:47	62993,32813	829,6932373	3,768624783	22,95441818		15147126
11:18:52	62823,23828	829,7106323	3,769261837	22,95441818		15147213
11:18:57	62800,04688	829,701355	3,77372241	22,95441818		15147300
11:19:02	62776,69141	829,6766968	3,77372241	22,95441818		15147388
11:19:07	62823,97656	829,6999512	3,769261837	22,95441818		15147475
11:19:12	63016,25391	829,6942749	3,764164448	22,95441818		15147562
11:19:17	63303,68359	829,6903076	3,757154942	22,95441818		15147650
11:19:22	63063,60938	829,6940308	3,766712904	22,95441818		15147738
11:19:27	62919,84375	829,6949463	3,769261837	22,95441818		15147825
11:19:32	62967,625	829,7113037	3,77372241	22,95441818		15147913
11:19:37	62727,875	829,696228	3,776908398	22,94907188		15148000
11:19:42	62658,34766	829,6747437	3,776271343	22,94394684		15148087
11:19:47	62704,02344	829,7059326	3,77372241	22,94394684		15148174
11:19:52	62730,27344	829,6734009	3,770536423	22,94907188		15148261
11:19:57	62992,70313	829,6710815	3,764801502	22,94907188		

Consumo diesel Nehuenco II 02-02-2021

325MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	62.947,08	829,66	3,77	22,94		
DESVEST	230,8715	0,0225	0,0080	0,0155		
%DESVEST	0,3668%	0,0027%	0,2133%	0,0676%		
DATOS	721	721	721	721	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	1:00:00				CONSUMO [l/h]	63.007 63.007,00
11:21:12	62778,09766	829,6787109	3,776908398	22,94394684		15149663
11:21:17	62681,92969	829,6936646	3,779457569	22,94394684		15149750
11:21:22	62871,75781	829,706665	3,76798749	22,94394684		15149837
11:21:27	62921,82813	829,6658936	3,773085356	22,94394684		15149924
11:21:32	62874,32422	829,6752319	3,769899368	22,94907188		15150012
11:21:37	62777,32031	829,6782227	3,774996996	22,94907188		15150099
11:21:42	62801,8125	829,6695557	3,771811008	22,94907188		15150186
11:21:47	62991,49219	829,7149658	3,76607585	22,94907188		15150273
11:21:52	62923,52734	829,6744385	3,77563405	22,93882179		15150361
11:21:57	62754,47656	829,6595459	3,77563405	22,93882179		15150448
11:22:02	62632,77344	829,7025146	3,779457569	22,94394684		15150535
11:22:07	62704,82031	829,6912231	3,771811008	22,94394684		15150622
11:22:12	62800,97656	829,6809692	3,769899368	22,94394684		15150709
11:22:17	62898,625	829,6838379	3,77372241	22,94394684		15150797
11:22:22	62776,17188	829,6931152	3,772448063	22,94394684		15150884
11:22:27	62921,10938	829,6828613	3,763526917	22,94394684		15150971
11:22:32	63085,97266	829,7068481	3,760978222	22,94907188		15151059
11:22:37	62851,48438	829,6488647	3,770536423	22,94907188		15151146
11:22:42	62752,90234	829,6973267	3,771811008	22,94907188		15151233
11:22:47	62824,24609	829,6985474	3,768624783	22,94394684		15151321
11:22:52	62825,13281	829,6777344	3,772448063	22,94394684		15151408
11:22:57	62755,03906	829,6826172	3,769899368	22,94394684		15151495
11:23:02	62967,79688	829,6812744	3,760978222	22,94394684		15151582
11:23:07	62968,91016	829,6802368	3,76607585	22,94394684		15151670
11:23:12	62945,32813	829,6870117	3,76798749	22,94907188		15151757
11:23:17	63039,39063	829,6869507	3,761615276	22,94394684		15151845
11:23:22	63422,79688	829,6980591	3,746959209	22,93882179		15151933
11:23:27	63661,69141	829,6834717	3,745684862	22,93882179		15152021
11:23:32	63496,17188	829,6818848	3,752694368	22,93882179		15152109
11:23:37	63352,35938	829,6876831	3,757791996	22,93882179		15152197
11:23:42	63017,27734	829,6598511	3,768624783	22,93882179		15152285
11:23:47	62873,42188	829,6807861	3,770536423	22,93882179		15152372
11:23:52	63016,67969	829,7106323	3,76798749	22,94394684		15152460
11:23:57	62848,69531	829,6763916	3,771173477	22,94394684		15152547
11:24:02	62752,39063	829,6964722	3,77563405	22,94394684		15152635
11:24:07	62751,36328	829,7127686	3,771811008	22,94394684		15152723
11:24:12	62827,46094	829,682251	3,770536423	22,94394684		15152811
11:24:17	63016,28125	829,6796265	3,763526917	22,94394684		15152899
11:24:22	62919,92578	829,6942139	3,771811008	22,94394684		15152987
11:24:27	62728,17969	829,680481	3,779457569	22,94394684		15153075
11:24:32	62802,97266	829,6708374	3,774359941	22,94394684		15153163
11:24:37	62874,76563	829,6586304	3,773085356	22,94394684		15153251
11:24:42	62705,16406	829,6849976	3,774359941	22,94394684		15153339
11:24:47	62800,54297	829,6878662	3,771173477	22,94394684		15153427
11:24:52	62825,87891	829,6798706	3,769261837	22,94394684		15153515
11:24:57	62874,97656	829,6768188	3,769261837	22,94394684		15153603
11:25:02	62848,83203	829,6873779	3,767350435	22,94394684		15153691
11:25:07	63135,75391	829,699646	3,75460577	22,94394684		15153779
11:25:12	63520,28906	829,6777954	3,745684862	22,94394684		15153867
11:25:17	63543,15625	829,6878662	3,745684862	22,94394684		15153955
11:25:22	63448,26563	829,6925659	3,752057314	22,94394684		15154043
11:25:27	63687,75	829,680542	3,747596741	22,94394684		15154131
11:25:32	63519,58203	829,6713867	3,752694368	22,94394684		15154219
11:25:37	63448,28516	829,6820679	3,755243301	22,94394684		15154307
11:25:42	63637,64453	829,6976318	3,744410276	22,94907188		15154395
11:25:47	63400,44141	829,6742554	3,757154942	22,94907188		15154483
11:25:52	62922,40234	829,6674194	3,771811008	22,94907188		15154571
11:25:57	62704,90625	829,6866455	3,778820515	22,94907188		15154659
11:26:02	62727,32422	829,6702881	3,774359941	22,94907188		15154747
11:26:07	62969,61719	829,677002	3,766712904	22,94394684		15154835
11:26:12	62945,12891	829,6697388	3,767350435	22,94907188		15154923
11:26:17	62753,26953	829,6795654	3,774996996	22,94907188		15155011
11:26:22	62825,12891	829,6951294	3,773085356	22,94907188		15155099
11:26:27	62944,75	829,6749878	3,76798749	22,94907188		15155187
11:26:32	62898,75	829,6535034	3,770536423	22,94907188		15155275
11:26:37	62873,10547	829,6990356	3,771811008	22,95441818		15155363
11:26:42	62753,83203	829,6912231	3,774996996	22,95441818		15155451
11:26:47	62752,49609	829,6989136	3,774996996	22,95441818		15155539
11:26:52	62922,61719	829,6693115	3,768624783	22,95441818		15155627
11:26:57	62825,01953	829,6685791	3,770536423	22,95441818		15155715
11:27:02	62754,56641	829,6523438	3,771811008	22,95441818		15155803
11:27:07	62919,66797	829,684082	3,769261837	22,95976639		15155891
11:27:12	62969,64063	829,6550903	3,768624783	22,95976639		15155979
11:27:17	62970,60938	829,6464844	3,76798749	22,95976639		15156067
11:27:22	62849,02734	829,6826172	3,771173477	22,95976639		15156155
11:27:27	62825,80078	829,6585083	3,768624783	22,95976639		15156243
11:27:32	62800,62891	829,6728516	3,772448063	22,95976639		15156331
11:27:37	62847,76172	829,6900024	3,769899368	22,95976639		15156419
11:27:42	63040,98438	829,6455078	3,760978222	22,95976639		15156507
11:27:47	63352,86719	829,6542969	3,752057314	22,95976639		15156595
11:27:52	63592,23438	829,6860962	3,743773222	22,96511459		15156683
11:27:57	63566,86719	829,6721802	3,746959209	22,96511459		15156771
11:28:02	63614,45703	829,6731567	3,74887085	22,96511459		15156859
11:28:07	63543,64453	829,6601563	3,74887085	22,96511459		15156947
11:28:12	63376,15234	829,6779175	3,755880356	22,97046089		15157035
11:28:17	62992,20313	829,6596069	3,770536423	22,96511459		15157123
11:28:22	62871,68359	829,6692505	3,77563405	22,97046089		15157211
11:28:27	62777,21484	829,6723022	3,774996996	22,97046089		15157299
11:28:32	62609,44141	829,6853027	3,77563405	22,97046089		15157387
11:28:37	62776,6875	829,678772	3,767350435	22,97046089		15157475
11:28:42	63064,26563	829,6818237	3,764801502	22,96511459		15157563
11:28:47	62898,82813	829,6417847	3,769899368	22,96511459		15157651
11:28:52	62850,32422	829,6618042	3,769899368	22,96511459		15157739
11:28:57	62873,62109	829,6588745	3,771173477	22,96511459		15157827
11:29:02	62682,27734	829,6511841	3,77563405	22,97046089		15157915
11:29:07	62850,41797	829,6582031	3,76798749	22,97046089		15158003
11:29:12	62944,52734	829,65802	3,76798749	22,97046089		15158091
11:29:17	63014,58594	829,6923828	3,762889862	22,96511459		15158179
11:29:22	62946,23047	829,6430664	3,764801502	22,97046089		15158267
11:29:27	62945,32422	829,6643677	3,769261837	22,97046089		15158355
11:29:32	62946,375	829,6548462	3,766712904	22,97046089		15158443
11:29:37	62802,55469	829,6495972	3,77563405	22,97046089		15158531
11:29:42	62777,0625	829,6589355	3,773085356	22,97046089		15158619
11:29:47	62920,86719	829,6531982	3,763526917	22,97046089		15158707
11:29:52	63471,22656	829,6773682	3,746959209	22,97046089		15158795
11:29:57	63638,13672	829,6710205	3,74887085	22,97046089		15158883
11:30:02	63520,98047	829,6624756	3,753968716	22,97558594		15158971

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290MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	56.963,56	829,60	3,79	23,02		
DESVEST	190,0706	0,0172	0,0062	0,0202		
%DESVEST	0,3337%	0,0021%	0,1634%	0,0878%		
DATOS	721	721	721	721	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	1:00:00				CONSUMO [l/h]	56.973 56.973,00
Tiempo	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]	TOT_GLOBAL_TG2	
12:00:02	56684,64844	829,608867	3,810681105	23,05468369	15188022	
12:00:07	56542,45313	829,5656128	3,808769703	23,05468369	15188101	
12:00:12	56661,46484	829,5826416	3,801760197	23,05468369	15188180	
12:00:17	56948,07422	829,5967407	3,799211025	23,04933739	15188258	
12:00:22	57092,27734	829,5892334	3,787741423	23,04933739	15188338	
12:00:27	57331,34766	829,5979004	3,78519249	23,05468369	15188417	
12:00:32	57093,87109	829,5767212	3,799848557	23,05468369	15188497	
12:00:37	56708,33984	829,5994263	3,806857586	23,05468369	15188583	
12:00:42	57019,58594	829,5946655	3,79092741	23,05468369	15188654	
12:00:47	57308,78516	829,5702515	3,787741423	23,05468369	15188734	
12:00:52	57021,20313	829,5881958	3,802397251	23,05468369	15188821	
12:00:57	56734,09766	829,583252	3,801760197	23,05958557	15188892	
12:01:02	56948,32422	829,5992432	3,797936678	23,04933739	15188971	
12:01:07	56995,89453	829,5925903	3,799848557	23,04933739	15189050	
12:01:12	56924,91797	829,5913696	3,799211025	23,04933739	15189129	
12:01:17	57070,13281	829,5830688	3,799211025	23,04933739	15189217	
12:01:22	56997,44141	829,5877686	3,797299623	23,04933739	15189288	
12:01:27	56926,21094	829,5736084	3,798573971	23,04933739	15189375	
12:01:32	57115,28906	829,6081543	3,789653063	23,04933739	15189454	
12:01:37	56924,13281	829,6040649	3,801123142	23,05468369	15189533	
12:01:42	56852,11719	829,5927124	3,800485611	23,05468369	15189612	
12:01:47	56972,16797	829,6038208	3,796662569	23,04933739	15189691	
12:01:52	56781,10547	829,6016846	3,80430913	23,04933739	15189763	
12:01:57	56733,13672	829,6064453	3,805583477	23,04398918	15189849	
12:02:02	56899,76563	829,6097412	3,798573971	23,04398918	15189928	
12:02:07	56901,64453	829,5817261	3,799211025	23,04933739	15190007	
12:02:12	56828,10156	829,6248779	3,797936678	23,04398918	15190086	
12:02:17	57139,13281	829,6138916	3,788378477	23,04398918	15190165	
12:02:22	57355,01953	829,612793	3,786467075	23,04398918	15190245	
12:02:27	57356,125	829,6016846	3,791564465	23,03864098	15190325	
12:02:32	57210,83203	829,5869141	3,794113636	23,03864098	15190404	
12:02:37	56830,10547	829,5881958	3,799848557	23,03864098	15190483	
12:02:42	56855,06641	829,5751953	3,808132172	23,03864098	15190562	
12:02:47	56805,46484	829,5881348	3,799848557	23,03864098	15190641	
12:02:52	56995,625	829,6177979	3,799848557	23,04398918	15190720	
12:02:57	56542,48438	829,5858765	3,815141678	23,04398918	15190799	
12:03:02	56613,63672	829,5950928	3,81195569	23,04398918	15190878	
12:03:07	56708,86328	829,6030273	3,806220531	23,04398918	15190956	
12:03:12	56518,08203	829,5919189	3,812592745	23,04398918	15191035	
12:03:17	56684,53906	829,5961304	3,799211025	23,04398918	15191113	
12:03:22	56831,53906	829,5484619	3,799848557	23,04398918	15191192	
12:03:27	56852,58203	829,6025391	3,799211025	23,04398918	15191271	
12:03:32	57116,06641	829,604187	3,793476105	23,04398918	15191350	
12:03:37	56974,24219	829,5819702	3,799211025	23,04398918	15191430	
12:03:42	57091,32813	829,6082764	3,790290117	23,04398918	15191509	
12:03:47	57261,21094	829,5945435	3,796025038	23,04933739	15191588	
12:03:52	56973,16797	829,588562	3,799211025	23,04933739	15191667	
12:03:57	56947,75	829,6035767	3,799848557	23,04933739	15191747	
12:04:02	56949,60156	829,5769653	3,799211025	23,04398918	15191826	
12:04:07	56662,64453	829,5751343	3,811318159	23,04398918	15191905	
12:04:12	56757,51953	829,5932617	3,800485611	23,04398918	15191983	
12:04:17	57041,65234	829,6199341	3,789015532	23,04933739	15192062	
12:04:22	57117,24219	829,5752563	3,794750669	23,04933739	15192142	
12:04:27	57116,04297	829,5979614	3,792201996	23,04933739	15192221	
12:04:32	57162,50781	829,6132202	3,795387983	23,04933739	15192300	
12:04:37	56948,10156	829,5852661	3,798573971	23,04398918	15192380	
12:04:42	56805,83984	829,5803833	3,807495117	23,04398918	15192459	
12:04:47	56590,20703	829,5844116	3,803671598	23,04398918	15192537	
12:04:52	56517,11328	829,597168	3,810681105	23,04398918	15192616	
12:04:57	56637,76563	829,5842285	3,798573971	23,04398918	15192694	
12:05:02	57139,97266	829,5971069	3,791564465	23,04398918	15192773	
12:05:07	57284,07031	829,5946655	3,789015532	23,04398918	15192853	
12:05:12	57284,17969	829,6130371	3,791564465	23,04398918	15192933	
12:05:17	57189,69141	829,578064	3,792201996	23,03864098	15193012	
12:05:22	56950,10156	829,574585	3,798573971	23,04398918	15193091	
12:05:27	56686,57031	829,5834961	3,808769703	23,04933739	15193170	
12:05:32	56590,82422	829,5651245	3,807495117	23,04933739	15193249	
12:05:37	56805,82422	829,5848389	3,798573971	23,04933739	15193327	
12:05:42	56949,98438	829,5736084	3,802397251	23,04933739	15193407	
12:05:47	56875,33984	829,605835	3,797936678	23,04933739	15193486	
12:05:52	57023,34766	829,5595093	3,797936678	23,04933739	15193565	
12:05:57	57139,75781	829,5959473	3,797936678	23,04933739	15193644	
12:06:02	56974,70313	829,5770264	3,798573971	23,04933739	15193723	
12:06:07	57116,15234	829,6043091	3,789653063	23,04933739	15193802	
12:06:12	57237,13281	829,5723877	3,792201996	23,04933739	15193882	
12:06:17	57070,33594	829,5724487	3,798573971	23,04933739	15193961	
12:06:22	56757,44141	829,5814819	3,798573971	23,04398918	15194040	
12:06:27	57045,06641	829,5957642	3,793476105	23,04398918	15194119	
12:06:32	57165,20703	829,5811768	3,798573971	23,04398918	15194199	
12:06:37	56876,75	829,5861816	3,799211025	23,04933739	15194278	
12:06:42	56996,86719	829,5900269	3,798573971	23,04933739	15194357	
12:06:47	57093,30469	829,5678711	3,794113636	23,05468369	15194436	
12:06:52	57093,02734	829,586792	3,798573971	23,05468369	15194515	
12:06:57	57044,51172	829,5949707	3,798573971	23,04933739	15194595	
12:07:02	56950,30859	829,5869141	3,799211025	23,04933739	15194674	
12:07:07	56924,16406	829,600769	3,803034544	23,04933739	15194753	
12:07:12	56948,48438	829,6014404	3,799211025	23,04933739	15194832	
12:07:17	57165,01953	829,5716553	3,787741423	23,04933739	15194911	
12:07:22	57142,00391	829,567749	3,798573971	23,04933739	15194991	
12:07:27	56877,78516	829,5797729	3,799848557	23,05468369	15195070	
12:07:32	57068,17969	829,592041	3,791564465	23,05468369	15195149	
12:07:37	57067,81641	829,6078491	3,799211025	23,05468369	15195228	
12:07:42	56757,77344	829,5820313	3,799848557	23,04933739	15195307	
12:07:47	57116,71875	829,583313	3,790290117	23,04933739	15195386	
12:07:52	57140,25391	829,5930176	3,794113636	23,04933739	15195466	
12:07:57	56949,78516	829,5691528	3,799848557	23,05468369	15195545	
12:08:02	56805,97266	829,5782471	3,799848557	23,05468369	15195624	
12:08:07	57069,21484	829,5768433	3,796662569	23,05468369	15195703	
12:08:12	57023,72656	829,5523071	3,799211025	23,04933739	15195782	
12:08:17	56806,32422	829,5837402	3,799211025	23,04933739	15195861	
12:08:22	56902,31641	829,567688	3,799211025	23,04933739	15195940	
12:08:27	56711,19141	829,5697632	3,808132172	23,04933739	15196019	
12:08:32	56614,00391	829,5939331	3,808769703	23,04933739	15196098	
12:08:37	56686,73047	829,5562744	3,801123142	23,05468369	15196176	
12:08:42	56853,42969	829,574646	3,797936678	23,05468369	15196255	
12:08:47	57092,91406	829,5778809	3,795387983	23,05468369	15196335	
12:08:52	56711,79688	829,5461426	3,808132172	23,05468369	15196414	
12:08:57	56612,79297	829,5906372	3,799211025	23,05958557	15196492	
12:09:02	57019,79297	829,5880127	3,788378477	23,05958557	15196571	
12:09:07	57166,10938	829,567688	3,79283905	23,05958557	15196651	
12:09:12	56876,39844	829,5947876	3,797936678	23,05468369	15196730	
12:09:17	56997,48828	829,5882568	3,791564465	23,05468369	15196809	
12:09:22	57068,57031	829,586853	3,797936678	23,05468369	15196888	
12:09:27	57140,97656	829,5736694	3,794113636	23,05468369	15196967	
12:09:32	57092,35156	829,5811157	3,79283905	23,05468369	15197047	
12:09:37	57068,66016	829,5861206	3,796025038	23,05468369	15197126	
12:09:42	56783,18359	829,5759888	3,799848557	23,05468369	15197205	
12:09:47	57044,15234	829,5913696	3,79092741	23,05468369	15197284	
12:09:52						

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290MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	56.963,56	829,60	3,79	23,02		
DESV EST	190,0706	0,0172	0,0062	0,0202		
%DESV EST	0,3337%	0,0021%	0,1634%	0,0878%		
DATOS	721	721	721	721	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	1:00:00				CONSUMO [l/h]	56.973 56.973,00
12:10:12	56613,44531	829,5852051	3,808132172	23,05468369		15197680
12:10:17	56732,44531	829,6009521	3,798573971	23,05468369		15197759
12:10:22	57044,08594	829,595459	3,793476105	23,05468369		15197838
12:10:27	57164,16016	829,5853882	3,795387983	23,05468369		15197917
12:10:32	57283,3125	829,593811	3,783280849	23,05468369		15197996
12:10:37	57381,53906	829,5635376	3,78519249	23,05468369		15198076
12:10:42	56974,24219	829,5688477	3,799848557	23,05958557		15198156
12:10:47	56758,29297	829,560791	3,797936678	23,05958557		15198234
12:10:52	57165	829,5692139	3,794113636	23,05958557		15198314
12:10:57	56829,33203	829,5960083	3,802397251	23,05468369		15198393
12:11:02	56947,51953	829,6026001	3,796662569	23,05468369		15198472
12:11:07	57235,20703	829,6072388	3,788378477	23,05468369		15198551
12:11:12	57213,95313	829,5688477	3,79092741	23,05468369		15198631
12:11:17	56877,97656	829,5818481	3,804946184	23,05468369		15198710
12:11:22	56901,06641	829,5724487	3,797299623	23,06493378		15198789
12:11:27	57141,57422	829,5748901	3,793476105	23,06493378		15198868
12:11:32	56878,46875	829,557373	3,797936678	23,06493378		15198947
12:11:37	56782,47656	829,5614014	3,802397251	23,06493378		15199026
12:11:42	56899,89453	829,5953979	3,797936678	23,06493378		15199105
12:11:47	56803,90234	829,5988159	3,802397251	23,06493378		15199184
12:11:52	56780,26172	829,5913696	3,797936678	23,06493378		15199263
12:11:57	56947,55469	829,6027222	3,797936678	23,06493378		15199342
12:12:02	56877,53516	829,5601196	3,801760197	23,06493378		15199421
12:12:07	56735,74219	829,5584717	3,803671598	23,05958557		15199500
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12:12:17	57187,61328	829,5818481	3,79283905	23,05958557		15199658
12:12:22	56925,46484	829,5756836	3,797299623	23,05958557		15199737
12:12:27	57044,45313	829,585144	3,79283905	23,05958557		15199816
12:12:32	57141,23828	829,5672607	3,789653063	23,05958557		15199895
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12:12:57	56757,15625	829,5822754	3,799211025	23,05468369		15200291
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12:13:12	56614,28516	829,585144	3,809406757	23,05468369		15200529
12:13:17	56804,78516	829,5928955	3,796025038	23,05958557		15200607
12:13:22	56996,91406	829,5744629	3,798573971	23,05958557		15200686
12:13:27	56804,63672	829,5800781	3,798573971	23,05958557		15200766
12:13:32	57020,91016	829,578186	3,793476105	23,05958557		15200845
12:13:37	57140,59766	829,5899048	3,789653063	23,05958557		15200924
12:13:42	56949,19141	829,571228	3,801123142	23,05958557		15201003
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12:13:52	56805,62109	829,5790405	3,797936678	23,05468369		15201161
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12:14:02	56877,36719	829,5750055	3,799211025	23,05468369		15201319
12:14:07	57020,11719	829,5924683	3,795387983	23,04933739		15201398
12:14:12	56782,57813	829,5789795	3,803671598	23,04933739		15201477
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12:14:27	57236,34375	829,5837402	3,785829544	23,04933739		15201714
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12:15:17	57332,07031	829,5930176	3,782006502	23,03864098		15202505
12:15:22	57379,10547	829,5928345	3,783280849	23,03864098		15202585
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12:15:32	57235,71484	829,6157837	3,794750669	23,02816963		15202744
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12:15:42	56853,93359	829,5985107	3,797299623	23,02816963		15202902
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12:16:27	56731,96094	829,619873	3,798573971	23,02816963		15203614
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12:16:47	56805,23828	829,6025391	3,799848557	23,02816963		15203931
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12:16:57	57021,57031	829,5987549	3,797936678	23,02816963		15204089
12:17:02	57164,14453	829,6154175	3,788378477	23,02816963		15204168
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12:17:27	56995,52344	829,6422729	3,798573971	23,02816963		15204565
12:17:32	56637,32813	829,6113281	3,802397251	23,02816963		15204644
12:17:37	56853,31641	829,5985718	3,796662569	23,02816963		15204723
12:17:42	56829,26172	829,5916138	3,798573971	23,02816963		15204802
12:17:47	56855,26953	829,5771484	3,798573971	23,02816963		15204881
12:17:52	56758,17578	829,5921631	3,797936678	23,02816963		15204960
12:17:57	57117,42969	829,5839844	3,792201996	23,02816963		15205039
12:18:02	57068,64063	829,5996094	3,796662569	23,02816963		15205118
12:18:07	56925,82422	829,5977173	3,795387983	23,02816963		15205197
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12:18:17	56877,5	829,5917969	3,798573971	23,02816963		15205355
12:18:22	57140,14844	829,6002808	3,789015532	23,02816963		15205435
12:18:27	57068,28906	829,602356	3,796662569	23,02816963		15205514
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12:18:37	56614,14453	829,6005249	3,80430913	23,02816963		15205672
12:18:42	56566,41016	829,5979004	3,80430913	23,02816963		15205750
12:18:47	56685,87109	829,5997925	3,797936678	23,02816963		15205829
12:18:52	56925,41797	829,5973511	3,79283905	23,02816963		15205908
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12:19:02	57165,19531	829,5876465	3,788378477	23,02816963		15206066
12:19:07	57163,75391	829,6165161	3,794750669	23,02304459		15206146
12:19:12	57021,90234	829,5889893	3,792201996	23,02304459		15206225
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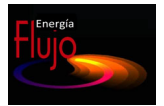
Consumo diesel Nehuenco II 02-02-2021

290MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	56.963,56	829,60	3,79	23,02		
DESVEST	190,0706	0,0172	0,0062	0,0202		
%DESVEST	0,3337%	0,0021%	0,1634%	0,0878%		
DATOS	721	721	721	721	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	1:00:00				CONSUMO [l/h]	56.973
						56.973,00

Consumo diesel Nehuenco II 02-02-2021 290MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	56.963,56	829,60	3,79	23,02		
DESV EST	190,0706	0,0172	0,0062	0,0202		
%DESV EST	0,3337%	0,0021%	0,1634%	0,0878%		
DATOS	721	721	721	721	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	1:00:00				CONSUMO [l/h]	56.973
						56.973,00
12:30:42	56852,60938	829,6291504	3,796025038	22,99675369		15217142
12:30:47	57068,87109	829,6241455	3,791564465	22,99675369		15217221
12:30:52	56782,0625	829,6087646	3,796662569	22,99675369		15217300
12:30:57	56879,125	829,5960693	3,796025038	22,99675369		15217379
12:31:02	57093,94922	829,6038818	3,78710413	22,99675369		15217458
12:31:07	56974,03516	829,6048584	3,795387983	22,99675369		15217537
12:31:12	56734,30469	829,6077881	3,799848557	22,99675369		15217616
12:31:17	56996,87891	829,6013184	3,791564465	22,99675369		15217695
12:31:22	57189,01563	829,6286621	3,783917904	22,99675369		15217774
12:31:27	57044,47266	829,6219482	3,796662569	22,99675369		15217854
12:31:32	56806,98047	829,5880737	3,795387983	22,99140549		15217933
12:31:37	57021,08594	829,6221313	3,792201996	22,99675369		15218012
12:31:42	56997,78125	829,6065674	3,796025038	22,99675369		15218091
12:31:47	56805,78125	829,625061	3,794113636	22,99675369		15218170
12:31:52	57139,48438	829,6378784	3,787741423	22,99675369		15218249
12:31:57	57094,95313	829,6091309	3,79475069	22,99675369		15218329
12:32:02	56926,05859	829,6079102	3,795387983	22,99675369		15218408
12:32:07	57069,27344	829,6278076	3,795387983	22,99675369		15218487
12:32:12	57116,9375	829,6313477	3,795387983	23,00187683		15218566
12:32:17	56831,13281	829,5910034	3,803034544	23,00187683		15218645
12:32:22	56734,42969	829,6056519	3,797936678	23,00187683		15218724
12:32:27	56901,91406	829,6140747	3,79475069	22,99675369		15218803
12:32:32	56877,82813	829,6166992	3,797299623	22,99675369		15218882
12:32:37	56709,23828	829,6172485	3,797299623	22,99675369		15218961
12:32:42	56782,5	829,5975952	3,79475069	22,99675369		15219040
12:32:47	57140,46094	829,6229248	3,786467075	22,99675369		15219119
12:32:52	57092,14844	829,6239014	3,794113636	22,99675369		15219198
12:32:57	56925,35938	829,6257324	3,794113636	22,99675369		15219277
12:33:02	57116,08203	829,631958	3,786467075	22,99140549		15219356
12:33:07	57190,80469	829,5905151	3,787741423	22,99140549		15219436
12:33:12	56949,29688	829,6201172	3,799848557	22,99675369		15219515
12:33:17	56852,75781	829,6257935	3,79475069	22,99675369		15219594
12:33:22	57117,28125	829,6126709	3,78710413	22,99675369		15219673
12:33:27	56974,41406	829,6049805	3,796025038	22,99675369		15219752
12:33:32	56662,61719	829,6080933	3,80430913	22,99675369		15219831
12:33:37	56781,52734	829,6162109	3,79475069	22,99140549		15219910
12:33:42	57093,74609	829,6167603	3,793476105	22,99140549		15219989
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12:34:02	57381,43359	829,6193848	3,784554958	22,99140549		15220307
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12:34:22	56758,49219	829,6057129	3,805583477	22,99140549		15220624
12:34:27	56780,90625	829,6241455	3,797299623	22,99140549		15220703
12:34:32	57045,07031	829,6118164	3,792201996	22,99140549		15220782
12:34:37	56973,85938	829,612793	3,794113636	22,99140549		15220861
12:34:42	56902,37109	829,6017456	3,793476105	22,99140549		15220940
12:34:47	57070,39844	829,6149292	3,79283905	22,99140549		15221019
12:34:52	57211,55859	829,6306763	3,780731916	22,99140549		15221099
12:34:57	57021,35156	829,6150513	3,79475069	22,99140549		15221178
12:35:02	56901,75781	829,6221924	3,796025038	22,99140549		15221257
12:35:07	56924,60938	829,6196289	3,795387983	22,99140549		15221336
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12:35:22	56854,23438	829,6053467	3,791564465	22,99675369		15221573
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12:37:52	56733,30469	829,611084	3,804946184	23,01235008		15223949
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12:39:17	57117,63281	829,6010742	3,793476105	23,01235008		15225294
12:39:22	57284,25781	829,5999146	3,78519249	23,01769829		15225374
12:39:27	56924,82422	829,6154785	3,795387983	23,01769829		15225453
12:39:32	56901,35156	829,6040039	3,796025038	23,01769829		15225532
12:39:37	57069,85547	829,5883789	3,789653063	23,01769829		15225611
12:39:42	57189,15625	829,614624	3,79475069	23,01769829		15225691

Consumo diesel Nehuenco II 02-02-2021 290MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m³]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	56.963,56	829,60	3,79	23,02		
DESV EST	190,0706	0,0172	0,0062	0,0202		
%DESV EST	0,3337%	0,0021%	0,1634%	0,0878%		
DATOS	721	721	721	721	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	1:00:00				CONSUMO [l/h]	56.973 56.973,00
12:40:57	56900,88281	829,5968018	3,791564465	23,01769829	15226876	
12:41:02	57021,86328	829,5991211	3,794113636	23,01769829	15226955	
12:41:07	56854,56641	829,5946655	3,795387983	23,01769829	15227034	
12:41:12	56949,02734	829,6139526	3,79283905	23,01769829	15227113	
12:41:17	57116,75781	829,6159058	3,791564465	23,01769829	15227192	
12:41:22	56853,94531	829,5980835	3,794113636	23,01769829	15227271	
12:41:27	57140,05859	829,5998535	3,787741423	23,01235008	15227351	
12:41:32	56951,11328	829,581543	3,795387983	23,01235008	15227430	
12:41:37	56828,97656	829,6265259	3,797299623	23,01235008	15227509	
12:41:42	57045,29688	829,6002808	3,791564465	23,01235008	15227588	
12:41:47	56997,59766	829,6117554	3,794113636	23,01235008	15227667	
12:41:52	56780,99609	829,605835	3,796025038	23,01235008	15227746	
12:41:57	56948,14844	829,6295166	3,789653063	23,01235008	15227825	
12:42:02	57212,61328	829,6102905	3,781368971	23,01235008	15227904	
12:42:07	56999,8125	829,569519	3,794750669	23,01235008	15227984	
12:42:12	56854,08594	829,604126	3,793476105	23,01235008	15228063	
12:42:17	57045,39844	829,5923462	3,786467075	23,01235008	15228142	
12:42:22	56974,44531	829,5906982	3,794113636	23,01235008	15228221	
12:42:27	56806,82422	829,5875244	3,794750669	23,00700188	15228300	
12:42:32	57022,875	829,5864258	3,790290117	23,00700188	15228379	
12:42:37	56948,72656	829,6089478	3,796025038	23,01235008	15228458	
12:42:42	56758,28906	829,5953369	3,802397251	23,01235008	15228537	
12:42:47	56567,89844	829,5938721	3,804946184	23,00700188	15228616	
12:42:52	56757,11328	829,6050415	3,794750669	23,00700188	15228694	
12:42:57	56926,93359	829,5844727	3,795387983	23,00700188	15228773	
12:43:02	56902,88672	829,5909424	3,792201996	23,00700188	15228852	
12:43:07	57165,83203	829,5836182	3,786467075	23,00700188	15228931	
12:43:12	57093,85156	829,6105347	3,791564465	23,00700188	15229011	
12:43:17	56924,51953	829,6230469	3,796662569	23,01235008	15229090	
12:43:22	56902,23828	829,6159668	3,788378477	23,01235008	15229169	
12:43:27	57211,49609	829,6296997	3,783917904	23,01235008	15229248	
12:43:32	57116,33594	829,6089478	3,794750669	23,01235008	15229328	
12:43:37	56949,81641	829,6029663	3,795387983	23,01235008	15229407	
12:43:42	57119,14844	829,5812378	3,793476105	23,01769829	15229487	
12:43:47	56829,75	829,595459	3,796025038	23,01769829	15229566	
12:43:52	56949,49219	829,5965576	3,790290117	23,01235008	15229645	
12:43:57	57284,94531	829,5955811	3,783280849	23,01235008	15229724	
12:44:02	57260,37109	829,6077881	3,784554958	23,01235008	15229803	
12:44:07	57309,08203	829,5924683	3,782643557	23,01235008	15229882	
12:44:12	57213,28125	829,604248	3,78710413	23,01235008	15229961	
12:44:17	56948,72266	829,6135254	3,796025038	23,01235008	15230040	
12:44:22	56710,17969	829,6032104	3,80430913	23,01235008	15230120	
12:44:27	56688,16016	829,5684204	3,797299623	23,01235008	15230200	
12:44:32	56947,76563	829,6343384	3,794750669	23,01235008	15230279	
12:44:37	56804,12109	829,6204224	3,796025038	23,00700188	15230358	
12:44:42	56615,625	829,6046753	3,801760197	23,00700188	15230437	
12:44:47	56854,66016	829,5758057	3,789653063	23,01235008	15230516	
12:44:52	57020,98047	829,6052246	3,789015532	23,01235008	15230594	
12:44:57	56735,26563	829,5936279	3,80430913	23,01235008	15230673	
12:45:02	56375,84375	829,5817871	3,81004405	23,01235008	15230752	
12:45:07	56639,28125	829,5899048	3,797299623	23,01235008	15230830	
12:45:12	56900,01953	829,628479	3,789653063	23,01235008	15230909	
12:45:17	57187,68359	829,5979004	3,783280849	23,01235008	15230988	
12:45:22	57237,57813	829,5853882	3,784554958	23,01769829	15231067	
12:45:27	56878,60156	829,5848389	3,798573971	23,01769829	15231147	
12:45:32	56542,05469	829,5976563	3,805583477	23,01769829	15231226	
12:45:37	56875,375	829,6203613	3,792201996	23,01769829	15231305	
12:45:42	56997,125	829,6061401	3,793476105	23,01769829	15231384	
12:45:47	56806,17578	829,5973511	3,794750669	23,01235008	15231463	
12:45:52	56972,72266	829,6154175	3,792201996	23,01235008	15231542	
12:45:57	57284,66406	829,6323242	3,778820515	23,01235008	15231621	
12:46:02	57164,38281	829,6144409	3,788378477	23,00700188	15231701	
12:46:07	56782,44531	829,588623	3,799848557	23,00700188	15231780	
12:46:12	56902,33594	829,5966187	3,793476105	23,00700188	15231859	
12:46:17	57093,03125	829,6165161	3,794113636	23,01235008	15231938	
12:46:22	56782,21484	829,6022339	3,799211025	23,01235008	15232017	
12:46:27	56805,37891	829,6177979	3,794113636	23,00700188	15232096	
12:46:32	57044,25391	829,630188	3,794113636	23,00700188	15232175	
12:46:37	56806,79688	829,5623779	3,801760197	23,00700188	15232254	
12:46:42	56878,67578	829,5968018	3,794113636	23,00700188	15232333	
12:46:47	57118,45313	829,59552	3,78519249	23,01235008	15232412	
12:46:52	57307,80078	829,6195068	3,782006502	23,01235008	15232491	
12:46:57	57021,76953	829,6047974	3,794113636	23,01235008	15232570	
12:47:02	56878,07813	829,6000977	3,797936678	23,01235008	15232650	
12:47:07	57021,65625	829,6025391	3,793476105	23,01235008	15232729	
12:47:12	56925,22266	829,616272	3,794750669	23,01235008	15232808	
12:47:17	56734,21875	829,6017456	3,795387983	23,01235008	15232887	
12:47:22	56924,02344	829,625061	3,79092741	23,01235008	15232966	
12:47:27	57069,49219	829,6031494	3,792201996	23,01235008	15233045	
12:47:32	56831,08984	829,5990601	3,797936678	23,00700188	15233124	
12:47:37	56731,6875	829,624939	3,794750669	23,00700188	15233203	
12:47:42	57092,98828	829,6100464	3,782643557	23,00700188	15233282	
12:47:47	57260,25391	829,6264648	3,786467075	23,00700188	15233361	
12:47:52	56972,55469	829,614502	3,794113636	23,00700188	15233440	
12:47:57	56947,17578	829,6177368	3,791564465	23,01235008	15233520	
12:48:02	57163,71875	829,6077881	3,78519249	23,01235008	15233599	
12:48:07	57045,76563	829,6027832	3,79283905	23,01235008	15233678	
12:48:12	56829,87109	829,6011963	3,794113636	23,01235008	15233757	
12:48:17	57044,02734	829,6118164	3,790290117	23,01235008	15233836	
12:48:22	56926,34375	829,6088257	3,799848557	23,01235008	15233915	
12:48:27	56710,83594	829,6044312	3,806857586	23,01235008	15233994	
12:48:32	56805,17969	829,602478	3,791564465	23,01235008	15234073	
12:48:37	57093,00781	829,6060181	3,791564465	23,01235008	15234152	
12:48:42	56853,16406	829,6157227	3,798573971	23,01235008	15234231	
12:48:47	56900,12109	829,6144409	3,791564465	23,01235008	15234310	
12:48:52	57092,92188	829,6060181	3,791564465	23,01769829	15234389	
12:48:57	56973,19531	829,6043701	3,793476105	23,01769829	15234468	
12:49:02	56853,82813	829,607605	3,793476105	23,01769829	15234547	
12:49:07	57212,55469	829,6037598	3,785829544	23,01769829	15234626	
12:49:12	57118,38281	829,5842285	3,791564465	23,01769829	15234705	
12:49:17	56947,78906	829,6195068	3,79283905	23,01769829	15234784	
12:49:22	56997,54297	829,5960083	3,790290117	23,01235008	15234863	
12:49:27	57307,82031	829,6122437	3,782006502	23,01235008	15234942	
12:49:32	57045,37109	829,6204224	3,798573971	23,01235008	15235021	
12:49:37	56804,52734	829,6292114	3,79283905	23,01235008	15235100	
12:49:42	57212,51172	829,6112671	3,784554958	23,01769829	15235179	
12:49:47	57093,61719	829,5974731	3,798573971	23,01769829	15235258	
12:49:52	56590,03516	829,6061401	3,804946184	23,01769829	15235337	
12:49:57	56613,21484	829,6004639	3,804946184	23,01769829	15235416	
12:50:02	56711,19141	829,5921021	3,805583477	23,01769829	15235495	
12:50:07	56781,04297	829,6090698	3,797299623	23,01769829	15235574	
12:50:12	57068,07031	829,6148071	3,786467075	23,01769829	15235653	
12:50:17	57356,9375	829,5895386	3,777545929	23,01769829	15235732	
12:50:22	57284,48047	829,6026001	3,789653063	23,01769829	15235811	
12:50:27	57093,44922	829,6186523	3,78519249	23,01769829	15235890	
12:50:32	57141,01953	829,6004639	3,79283905	23,01769829	15235969	
12:50:37	56732,81641	829,6091919	3,799848557	23,01769829	15236048	
12:50:42	56756,46875	829,6203003	3,796662569	23,01769829	15236127	
12:50:47	56900,76172	829,602356	3,791564465	23,01769829	15236206	
12:50:52	57212,32031	829,6088867	3,787741423	23,01769829	15236285	
12:50:57	57021,76953	829,5965576	3,792201996	23,01769829	15236364	
12:51:02	57045					

Consumo diesel Nehuenco II 02-02-2021

290MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m³]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	56.963,56	829,60	3,79	23,02		
DESV EST	190,0706	0,0172	0,0062	0,0202		
%DESV EST	0,3337%	0,0021%	0,1634%	0,0878%		
DATOS	721	721	721	721	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	1:00:00				CONSUMO [l/h]	56.973
						56.973,00
12:51:12	56854,67188	829,6141968	3,803671598	23,01235008		15236607
12:51:17	56639,32422	829,585083	3,804946184	23,01235008		15236685
12:51:22	56806,31641	829,5894165	3,791564465	23,01235008		15236764
12:51:27	56852,73438	829,6123657	3,793476105	23,01235008		15236843
12:51:32	56757,65625	829,5997925	3,797299623	23,01235008		15236922
12:51:37	56853,97656	829,6066895	3,792201996	23,01235008		15237001
12:51:42	57069,09375	829,6026611	3,792201996	23,01235008		15237080
12:51:47	57094,94922	829,5809326	3,792201996	23,01235008		15237159
12:51:52	56997,19922	829,605896	3,789015532	23,01235008		15237239
12:51:57	56973,57813	829,5995483	3,798573971	23,01769829		15237318
12:52:02	56758,06641	829,6003418	3,801123142	23,01235008		15237397
12:52:07	57043,62891	829,6369019	3,791564465	23,00700188		15237476
12:52:12	57261,16406	829,5921021	3,784554958	23,01235008		15237555
12:52:17	57261,01172	829,605835	3,786467075	23,01235008		15237635
12:52:22	56830,66797	829,5870361	3,803034544	23,01235008		15237714
12:52:27	56924,79297	829,5949097	3,792201996	23,01769829		15237793
12:52:32	56948,11719	829,5845337	3,792201996	23,01769829		15237872
12:52:37	56878,66406	829,583374	3,794750669	23,01769829		15237951
12:52:42	56828,76563	829,6121826	3,792201996	23,01769829		15238030
12:52:47	57164,86719	829,6073608	3,78710413	23,01769829		15238109
12:52:52	56711,44922	829,5742798	3,80430913	23,01769829		15238188
12:52:57	56612,69531	829,6047363	3,804946184	23,01769829		15238267
12:53:02	56661,91406	829,5953979	3,794113636	23,01769829		15238346
12:53:07	56997,16016	829,5894775	3,786467075	23,01769829		15238425
12:53:12	57213,63672	829,5874023	3,785829544	23,01769829		15238504
12:53:17	57237,5	829,6031494	3,788378477	23,01769829		15238583
12:53:22	57213,22266	829,5946045	3,781368971	23,01769829		15238662
12:53:27	57236,66797	829,6176147	3,788378477	23,01769829		15238741
12:53:32	57189,09766	829,6079102	3,79092741	23,01769829		15238820
12:53:37	56926,10547	829,6187134	3,79283905	23,01235008		15238899
12:53:42	57021,34375	829,6101074	3,792201996	23,01235008		15238978
12:53:47	56783,58203	829,585083	3,804946184	23,01235008		15239057
12:53:52	56542,47266	829,6089478	3,81004405	23,01235008		15239136
12:53:57	56972,85938	829,6071167	3,788378477	23,01235008		15239215
12:54:02	57071,67188	829,5643921	3,792201996	23,01769829		15239294
12:54:07	57117,28125	829,6062012	3,789015532	23,01769829		15239373
12:54:12	57259,61719	829,6174316	3,783917904	23,01769829		15239452
12:54:17	56973,56641	829,5904541	3,797299623	23,01769829		15239531
12:54:22	56853,05859	829,6116943	3,794750669	23,01769829		15239610
12:54:27	56948,6875	829,6143188	3,79092741	23,01769829		15239689
12:54:32	57094,21094	829,5864258	3,791564465	23,01769829		15239768
12:54:37	56830,82031	829,5805664	3,802397251	23,01769829		15239847
12:54:42	56568,16797	829,581604	3,808132172	23,01769829		15239926
12:54:47	56755,61719	829,6240234	3,791564465	23,01769829		15240005
12:54:52	56973,20313	829,5930176	3,791564465	23,01235008		15240084
12:54:57	56829,53906	829,6114502	3,797936678	23,01235008		15240163
12:55:02	56853,00391	829,5837402	3,791564465	23,01769829		15240242
12:55:07	57190,47656	829,5780029	3,787741423	23,02304459		15240321
12:55:12	57045,64844	829,592041	3,791564465	23,02304459		15240400
12:55:17	56781,71875	829,6040039	3,792201996	23,02304459		15240479
12:55:22	57020,44922	829,6081543	3,785829544	23,02304459		15240558
12:55:27	57259,82813	829,6115112	3,784554958	23,02304459		15240637
12:55:32	57046,66016	829,5814819	3,79283905	23,02304459		15240716
12:55:37	56782,94141	829,5984497	3,801760197	23,01769829		15240795
12:55:42	56901,10938	829,6121216	3,792201996	23,01769829		15240874
12:55:47	56805,18359	829,6054077	3,800485611	23,01769829		15240953
12:55:52	56900,41797	829,6262207	3,795387983	23,01769829		15241032
12:55:57	57093,20703	829,5982056	3,791564465	23,01769829		15241111
12:56:02	57285,66797	829,590332	3,783280849	23,01769829		15241190
12:56:07	57021,15234	829,5986938	3,792201996	23,01769829		15241269
12:56:12	56998,62891	829,5744019	3,791564465	23,01769829		15241348
12:56:17	57021,30859	829,5950317	3,791564465	23,01769829		15241427
12:56:22	56925,34375	829,5957642	3,799211025	23,01769829		15241506
12:56:27	56708,94141	829,612854	3,799848557	23,01769829		15241585
12:56:32	56829,63281	829,5952759	3,79283905	23,01769829		15241664
12:56:37	57118,17188	829,581665	3,792201996	23,02816963		15241743
12:56:42	56925,59375	829,5907593	3,792201996	23,02816963		15241822
12:56:47	56829,01563	829,6050415	3,791564465	23,02816963		15241901
12:56:52	57092,40234	829,5917969	3,789653063	23,02816963		15241980
12:56:57	57093,28906	829,5932617	3,79283905	23,02816963		15242059
12:57:02	56758,11719	829,5834961	3,794113636	23,02816963		15242138
12:57:07	56924,64844	829,6070557	3,791564465	23,02816963		15242217
12:57:12	57045,92578	829,5894165	3,792201996	23,02816963		15242296
12:57:17	56806,17969	829,5934448	3,793476105	23,02816963		15242375
12:57:22	56782,29688	829,5894775	3,795387983	23,02304459		15242454
12:57:27	57069,74219	829,5881348	3,79092741	23,02304459		15242533
12:57:32	56974,14844	829,5877075	3,791564465	23,02304459		15242612
12:57:37	56806,30078	829,5814209	3,791564465	23,02304459		15242691
12:57:42	57141,78906	829,5887451	3,78519249	23,02304459		15242770
12:57:47	57452,51172	829,5930786	3,778182983	23,02304459		15242849
12:57:52	57094,16016	829,5891113	3,792201996	23,02304459		15242928
12:57:57	57236,75	829,5970459	3,782643557	23,02304459		15243007
12:58:02	57213,42969	829,5852661	3,792201996	23,02304459		15243086
12:58:07	56732,55859	829,6190796	3,806220531	23,02304459		15243165
12:58:12	56494,05469	829,605957	3,805583477	23,01769829		15243244
12:58:17	56758,52344	829,592041	3,793476105	23,01769829		15243323
12:58:22	56828,64063	829,6122437	3,796025038	23,01769829		15243402
12:58:27	56925,44141	829,5991211	3,79092741	23,01769829		15243481
12:58:32	56924,45703	829,6046753	3,788378477	23,01769829		15243560
12:58:37	57070,09375	829,5935669	3,790290117	23,01769829		15243639
12:58:42	56998,35938	829,5973511	3,788378477	23,01769829		15243718
12:58:47	57259,73828	829,6070557	3,782006502	23,01769829		15243797
12:58:52	57286,84375	829,5829468	3,787741423	23,01769829		15243876
12:58:57	57021,625	829,5996094	3,792201996	23,01769829		15243955
12:59:02	57116,65234	829,6135254	3,791564465	23,01769829		15244034
12:59:07	56902,67578	829,5806274	3,793476105	23,01769829		15244113
12:59:12	56758,60938	829,5923462	3,795387983	23,01769829		15244192
12:59:17	56924,42188	829,6207275	3,79092741	23,01769829		15244271
12:59:22	56998,76563	829,5586548	3,79092741	23,01769829		15244350
12:59:27	56852,61719	829,6002808	3,79283905	23,01769829		15244429
12:59:32	57067,57813	829,5900879	3,784554958	23,01769829		15244508
12:59:37	57214,51172	829,5645752	3,78710413	23,01769829		15244587
12:59:42	57427,99219	829,6281128	3,779457569	23,01769829		15244666
12:59:47	57238,67188	829,5805054	3,790290117	23,01769829		15244745
12:59:52	57093,35938	829,5967407	3,790290117	23,01769829		15244824
12:59:57	57022,87891	829,578064	3,790290117	23,01769829		15244903
13:00:02	56828,94922	829,5938721	3,801123142	23,02304459		15244982

Consumo diesel Nehuenco II 02-02-2021

255MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]			
PROMEDIO	51.062,20	828,83	3,77	23,93			
DESV EST	152,4177	0,0501	0,0033	0,0271			
%DESV EST	0,2985%	0,0060%	0,0884%	0,1132%			
DATOS	361	361	361	361	TOT_GLOBAL_TG2 [l]	[l/h]	
DURACIÓN	0:30:00				CONSUMO [l/h]	25.525	51.050,00
Tiempo	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]	TOT_GLOBAL_TG2		
15:30:02	50712,09766	828,8586426	3,781368971	23,98068619	15370464		
15:30:07	50688,55859	828,8648071	3,776908398	23,98068619	15370534		
15:30:12	50685,85938	828,8966064	3,776908398	23,98068619	15370604		
15:30:17	50735,15234	828,8604736	3,776908398	23,98068619	15370675		
15:30:22	50736,30859	828,8772583	3,778182983	23,98068619	15370745		
15:30:27	50830,46875	828,8739624	3,776271343	23,98068619	15370816		
15:30:32	50663,45313	828,8655396	3,782006502	23,98068619	15370886		
15:30:37	50543,91016	828,8703613	3,780731916	23,98068619	15370957		
15:30:42	50734,125	828,8729248	3,776271343	23,98068619	15371027		
15:30:47	50735,54688	828,8640137	3,776908398	23,98068619	15371097		
15:30:52	50854,32031	828,8793945	3,776271343	23,98068619	15371168		
15:30:57	50831,66016	828,8666382	3,776271343	23,98068619	15371239		
15:31:02	50806,82031	828,8764648	3,778182983	23,97533798	15371309		
15:31:07	50903,39063	828,8748779	3,77563405	23,97533798	15371380		
15:31:12	50783,12891	828,8845215	3,776908398	23,97533798	15371450		
15:31:17	51142,98438	828,8711548	3,769261837	23,97533798	15371521		
15:31:22	51166,23047	828,8761597	3,768624783	23,97533798	15371592		
15:31:27	50951,19141	828,8740234	3,772448063	23,97533798	15371663		
15:31:32	50878,15625	828,8909302	3,774359941	23,97533798	15371734		
15:31:37	51142,125	828,8977051	3,768624783	23,97533798	15371805		
15:31:42	50879,8125	828,8704834	3,777545929	23,97533798	15371876		
15:31:47	50542,32422	828,8969727	3,783917904	23,97533798	15371946		
15:31:52	50422,62109	828,8809204	3,784554958	23,97533798	15372016		
15:31:57	50591,86719	828,8693848	3,780094624	23,97533798	15372086		
15:32:02	50638,03125	828,892334	3,78820515	23,97533798	15372157		
15:32:07	50975,78906	828,8618164	3,77372241	23,97533798	15372227		
15:32:12	50974,89453	828,8737793	3,774996996	23,97533798	15372298		
15:32:17	50759,16797	828,897522	3,778820515	23,97533798	15372369		
15:32:22	50975,60938	828,8668213	3,772448063	23,97533798	15372439		
15:32:27	51286,18359	828,8812866	3,770536423	23,97533798	15372510		
15:32:32	51093,76172	828,899231	3,773085356	23,97533798	15372581		
15:32:37	51142,625	828,8815918	3,769261837	23,97533798	15372652		
15:32:42	51071,57031	828,8752441	3,776271343	23,97533798	15372723		
15:32:47	50808,46094	828,8474731	3,780094624	23,97533798	15372794		
15:32:52	50712,16797	828,8642578	3,778820515	23,97533798	15372865		
15:32:57	50975,33984	828,8636475	3,77563405	23,97021294	15372935		
15:33:02	51000,26953	828,8519287	3,77372241	23,97021294	15373006		
15:33:07	50903,38281	828,8806152	3,77372241	23,97533798	15373077		
15:33:12	50904,22266	828,8590698	3,77372241	23,97533798	15373147		
15:33:17	50926,92578	828,8806152	3,776908398	23,97533798	15373218		
15:33:22	50688,83594	828,8598633	3,778820515	23,97533798	15373289		
15:33:27	51144,22266	828,8595581	3,771811008	23,97021294	15373359		
15:33:32	50951,71094	828,8776245	3,776908398	23,97021294	15373430		
15:33:37	50759,42969	828,890564	3,782006502	23,97021294	15373501		
15:33:42	50661,75	828,8984985	3,776908398	23,97021294	15373571		
15:33:47	50809,72266	828,8503418	3,776908398	23,97021294	15373642		
15:33:52	50711,87109	828,8787231	3,780094624	23,97021294	15373712		
15:33:57	50543,14844	828,90448	3,780731916	23,97021294	15373783		
15:34:02	50903,58984	828,8853149	3,771811008	23,96486664	15373853		
15:34:07	51382,10156	828,9017334	3,761615276	23,95439339	15373924		
15:34:12	51406,55469	828,8805542	3,767350435	23,95439339	15373996		
15:34:17	51167,30078	828,8881226	3,77372241	23,95439339	15374067		
15:34:22	50950,75	828,8983154	3,778820515	23,95439339	15374138		
15:34:27	50782,94531	828,9017944	3,780731916	23,94904709	15374208		
15:34:32	50689,02344	828,8619995	3,780094624	23,94904709	15374279		
15:34:37	50856,38672	828,8753662	3,778182983	23,94904709	15374349		
15:34:42	50784,10156	828,8900757	3,777545929	23,94904709	15374420		
15:34:47	50975,66797	828,8719482	3,771811008	23,95439339	15374491		
15:34:52	51119,42578	828,8939819	3,770536423	23,95439339	15374562		
15:34:57	51071,05859	828,8903809	3,774359941	23,95439339	15374633		
15:35:02	51143,41016	828,8944702	3,772448063	23,94904709	15374703		
15:35:07	51142,86328	828,8922119	3,770536423	23,94904709	15374774		
15:35:12	51215,4375	828,899292	3,76798749	23,94904709	15374846		
15:35:17	51144,25781	828,8638306	3,77372241	23,95439339	15374917		
15:35:22	50953,33984	828,8752441	3,780094624	23,95439339	15374988		
15:35:27	50712,84766	828,8831787	3,783917904	23,95439339	15375058		
15:35:32	50616,24219	828,883667	3,782006502	23,95439339	15375128		
15:35:37	50903,125	828,8898926	3,77563405	23,95439339	15375199		
15:35:42	51142,52344	828,9056396	3,772448063	23,94392204	15375270		
15:35:47	51167,19531	828,9039307	3,773085356	23,94392204	15375341		
15:35:52	51237,87109	828,9234619	3,771173477	23,94392204	15375412		
15:35:57	51214,72656	828,8965454	3,774359941	23,94392204	15375483		
15:36:02	51214,46094	828,9299927	3,773085356	23,94392204	15375554		
15:36:07	51141,65625	828,9142456	3,77563405	23,94392204	15375625		
15:36:12	51215,04297	828,8856201	3,771173477	23,94392204	15375696		
15:36:17	51190,39453	828,9158936	3,77372241	23,94392204	15375768		
15:36:22	51188,53906	828,9212646	3,771173477	23,93857384	15375839		
15:36:27	51214,85547	828,9096668	3,770536423	23,93857384	15375910		
15:36:32	50950,09766	828,9093628	3,774996996	23,93857384	15375981		
15:36:37	50903,39063	828,9103394	3,776271343	23,94392204	15376052		
15:36:42	51094,58594	828,8978271	3,773085356	23,94904709	15376122		
15:36:47	51144,28906	828,8965454	3,771173477	23,94904709	15376193		
15:36:52	51167,71875	828,8807373	3,772448063	23,94392204	15376264		
15:36:57	51071,55469	828,9017944	3,769899368	23,94392204	15376335		
15:37:02	51190,89063	828,9009399	3,77372241	23,94392204	15376407		
15:37:07	51118,82031	828,9030762	3,770536423	23,94392204	15376478		
15:37:12	51096,36328	828,8933105	3,773085356	23,93857384	15376549		
15:37:17	51264,28516	828,8737793	3,77372241	23,93857384	15376620		
15:37:22	51049,5	828,8587036	3,773085356	23,94392204	15376691		
15:37:27	51049,89063	828,8535767	3,773085356	23,94392204	15376762		
15:37:32	50882,86719	828,8497925	3,781368971	23,94392204	15376832		
15:37:37	50857,21484	828,8703003	3,778820515	23,94392204	15376903		
15:37:42	51024,03906	828,8799438	3,773085356	23,94392204	15376974		
15:37:47	51096,80859	828,8844604	3,77372241	23,93857384	15377045		
15:37:52	51119,28906	828,9073486	3,773085356	23,93857384	15377116		
15:37:57	51168,11719	828,8919678	3,77372241	23,93857384	15377187		
15:38:02	51095,53906	828,8845825	3,774359941	23,93857384	15377258		
15:38:07	50999,84766	828,885437	3,776908398	23,93857384	15377329		
15:38:12	51049,83594	828,8765869	3,776271343	23,93857384	15377400		
15:38:17	51024,11328	828,8850708	3,771811008	23,93857384	15377470		
15:38:22	51000,17188	828,8718262	3,774996996	23,93857384	15377541		
15:38:27	51096,24219	828,8838501	3,774359941	23,93857384	15377612		
15:38:32	51168,22656	828,8853149	3,771811008	23,93857384	15377683		
15:38:37	51167,98047	828,8855591	3,771173477	23,93857384	15377754		
15:38:42	51073,34375	828,8483276	3,77372241	23,93857384	15377825		
15:38:47	51168,63672	828,8725586	3,769261837	23,93857384	15377896		
15:38:52	51097,26953	828,855957	3,771811008	23,93857384	15377967		
15:38:57	50977,58203	828,8687744	3,776271343	23,93857384	15378038		
15:39:02	50977,11328	828,8734741	3,778182983	23,93857384	15378109		
15:39:07	51000,79297	828,8547974	3,778182983	23,93857384	15378180		
15:39:12	51049,66406	828,8764038	3,774996996	23,93857384	15378251		
15:39:17	51144,57422	828,8882446	3,774996996	23,9334507	15378322		
15:39:22	51169,16406	828,8556519	3,771811008	23,9334507	15378393		
15:39:27	51168,55469	828,8787842	3,771811008	23,9334507	15378464		
15:39:32	51121,28125	828,8607178	3,774996996	23,9334507	15378535		
15:39:37	51121,92578	828,8712158	3,773085356	23,9334507	15378606		
15:39:42	51121,02734	828,8722534	3,774996996	23,9334507	15378677		
15:39:47	51073,04297	828,8569946	3,772448063	23,9334507	15378748		
15:39:52	51025,22266	828,8666382	3,774996996	23,9334507	15378819		
15:39:57	51001,59375	828,8571167	3,772448063	23,92275429	15378890		
15:40:02	51193,76953	828,8691					

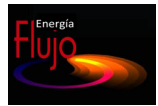
Consumo diesel Nehuenco II 02-02-2021 255MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	51.062,20	828,83	3,77	23,93		
DESVEST	152,4177	0,0501	0,0033	0,0271		
%DESVEST	0,2985%	0,0060%	0,0884%	0,1132%		
DATOS	361	361	361	361	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	0:30:00				CONSUMO [l/h]	25.525 51.050,00
15:40:12	51218,44141	828,8384399	3,773085356	23,92810249		15379103
15:40:17	51290,59766	828,8490601	3,768624783	23,91763115		15379174
15:40:22	51289,75781	828,8636475	3,770536423	23,91763115		15379245
15:40:27	51122,5	828,8616333	3,774359941	23,92275429		15379316
15:40:32	51026,08203	828,8657227	3,772448063	23,92275429		15379387
15:40:37	51047,59375	828,8792725	3,777545929	23,92275429		15379458
15:40:42	50906,53125	828,8569946	3,779457569	23,92275429		15379529
15:40:47	51003,41797	828,852417	3,77563405	23,92275429		15379600
15:40:52	50929,71875	828,8844604	3,774996996	23,92275429		15379671
15:40:57	50978,22266	828,8739624	3,774359941	23,91763115		15379742
15:41:02	51075,05469	828,8453369	3,774996996	23,91763115		15379812
15:41:07	51002,39063	828,8701172	3,779457569	23,91763115		15379883
15:41:12	50786,34766	828,8566895	3,783280849	23,91763115		15379954
15:41:17	50809,79688	828,8712158	3,778820515	23,91763115		15380024
15:41:22	51097,99219	828,8754272	3,77372241	23,91763115		15380095
15:41:27	51145,42188	828,8650513	3,770536423	23,91763115		15380166
15:41:32	51075,45703	828,8459473	3,778182983	23,9071579		15380237
15:41:37	51050,60547	828,8689575	3,774359941	23,9071579		15380308
15:41:42	51051,05469	828,8623047	3,776271343	23,9071579		15380379
15:41:47	51097,38672	828,8796997	3,772448063	23,9071579		15380450
15:41:52	51099,28516	828,8674316	3,774359941	23,9071579		15380521
15:41:57	51242,39453	828,8561401	3,769899368	23,9018116		15380592
15:42:02	51193,14844	828,8789673	3,771811008	23,9018116		15380663
15:42:07	50979,63281	828,8623047	3,776271343	23,9018116		15380734
15:42:12	50835,71484	828,8517456	3,781368971	23,9018116		15380805
15:42:17	51051,32813	828,8808594	3,774996996	23,89646339		15380876
15:42:22	51098,34766	828,8789673	3,776271343	23,89646339		15380947
15:42:27	51122,69141	828,8914185	3,77563405	23,89646339		15381018
15:42:32	51074,72266	828,8582764	3,77563405	23,89646339		15381089
15:42:37	51026,58203	828,8760376	3,774996996	23,89646339		15381159
15:42:42	51073,64844	828,8787842	3,774359941	23,89111519		15381230
15:42:47	51098,81641	828,8806763	3,771811008	23,89111519		15381301
15:42:52	51195,25	828,8786011	3,77372241	23,880867		15381372
15:42:57	51122,06641	828,8942261	3,771811008	23,880867		15381443
15:43:02	51147,76953	828,8726807	3,771811008	23,880867		15381514
15:43:07	51147,74609	828,8654175	3,77563405	23,880867		15381585
15:43:12	51124,00781	828,8693237	3,774359941	23,880867		15381656
15:43:17	51146,70703	828,8670044	3,773085356	23,880867		15381728
15:43:22	51075,36328	828,8845825	3,776271343	23,880867		15381799
15:43:27	51098,66406	828,887146	3,774996996	23,880867		15381869
15:43:32	51026,98438	828,8703613	3,776908398	23,8755188		15381940
15:43:37	51123,14453	828,8655396	3,772448063	23,8755188		15382011
15:43:42	51100,65625	828,8550415	3,774359941	23,8755188		15382082
15:43:47	51124,57813	828,8458252	3,77563405	23,8755188		15382153
15:43:52	51148,07813	828,8665771	3,771173477	23,880867		15382224
15:43:57	51147,80078	828,8537598	3,770536423	23,880867		15382295
15:44:02	51077,42578	828,8455811	3,774359941	23,880867		15382366
15:44:07	51004,88281	828,8588867	3,77563405	23,880867		15382437
15:44:12	51075,99609	828,881958	3,773085356	23,880867		15382508
15:44:17	51051,07422	828,8865356	3,77563405	23,880867		15382579
15:44:22	51100,17188	828,8722534	3,771811008	23,8755188		15382650
15:44:27	51197,73828	828,8439331	3,774996996	23,8755188		15382721
15:44:32	51076,91797	828,8572998	3,774996996	23,8755188		15382792
15:44:37	51100	828,8609009	3,774996996	23,8755188		15382863
15:44:42	51148,90625	828,8548584	3,772448063	23,8755188		15382934
15:44:47	51193,97266	828,8825684	3,770536423	23,8755188		15383005
15:44:52	51123,65625	828,8602905	3,774996996	23,8755188		15383076
15:44:57	51053,59375	828,8463135	3,778182983	23,8755188		15383147
15:45:02	50980,57813	828,8731079	3,774359941	23,8755188		15383218
15:45:07	51148,4375	828,8619385	3,774996996	23,8755188		15383289
15:45:12	51101,16406	828,8530884	3,77563405	23,8755188		15383360
15:45:17	51099,61328	828,8759766	3,774359941	23,8755188		15383431
15:45:22	51220,07031	828,8533325	3,773085356	23,880867		15383502
15:45:27	51100,65625	828,8549194	3,773085356	23,88599205		15383573
15:45:32	50933,10547	828,8423462	3,779457569	23,88599205		15383644
15:45:37	50836,59375	828,8481445	3,780731916	23,88599205		15383715
15:45:42	50740,98438	828,8456421	3,779457569	23,88599205		15383785
15:45:47	50932,13281	828,8474731	3,774996996	23,88599205		15383856
15:45:52	51076,75391	828,8419189	3,776271343	23,88599205		15383927
15:45:57	51123,50391	828,8438311	3,776271343	23,88599205		15383998
15:46:02	51076,50781	828,8326416	3,774359941	23,88599205		15384069
15:46:07	51246,125	828,8561401	3,77372241	23,88599205		15384140
15:46:12	51077,95313	828,8318481	3,773085356	23,88599205		15384211
15:46:17	51077,08594	828,8313599	3,774359941	23,88599205		15384282
15:46:22	51125,09766	828,8412476	3,774996996	23,88599205		15384353
15:46:27	51005,12891	828,8345947	3,77563405	23,89646339		15384424
15:46:32	50980,39063	828,8433838	3,776271343	23,9018116		15384495
15:46:37	51054,05469	828,805603	3,774359941	23,89646339		15384566
15:46:42	51100,70313	828,8242798	3,773085356	23,89646339		15384637
15:46:47	51150,39063	828,8214111	3,77372241	23,89646339		15384708
15:46:52	51198,57813	828,7982788	3,768624783	23,89646339		15384779
15:46:57	51173,83203	828,8153076	3,770536423	23,89646339		15384850
15:47:02	51221,41406	828,822876	3,771811008	23,9018116		15384921
15:47:07	51197,24609	828,8288574	3,772448063	23,9018116		15384992
15:47:12	50981,58203	828,8079224	3,776908398	23,9018116		15385063
15:47:17	51007,0625	828,8009033	3,776271343	23,9071579		15385134
15:47:22	51102,02734	828,809082	3,776271343	23,91228294		15385205
15:47:27	51293,30859	828,8201904	3,774359941	23,91228294		15385276
15:47:32	51055,58594	828,7626343	3,77563405	23,91228294		15385347
15:47:37	50981,93359	828,8179321	3,776908398	23,91763115		15385418
15:47:42	50910,00781	828,805481	3,776908398	23,91763115		15385489
15:47:47	51053,33594	828,8166504	3,77372241	23,91763115		15385559
15:47:52	50958,01563	828,8096313	3,778182983	23,91763115		15385630
15:47:57	51029,60156	828,7928467	3,772448063	23,91763115		15385701
15:48:02	50957,47266	828,8022461	3,778182983	23,91763115		15385772
15:48:07	51078,3125	828,8110962	3,773085356	23,91763115		15385843
15:48:12	51196,41797	828,8070679	3,771173477	23,92275429		15385914
15:48:17	51101,80469	828,7988892	3,774359941	23,92275429		15385985
15:48:22	50982,11328	828,8062744	3,777545929	23,92275429		15386056
15:48:27	51101,22266	828,7991943	3,77563405	23,92275429		15386127
15:48:32	51053,92188	828,8125	3,774359941	23,92275429		15386198
15:48:37	51341,60156	828,8057861	3,768624783	23,92810249		15386269
15:48:42	51196,36328	828,8105469	3,771811008	23,9334507		15386340
15:48:47	51053,76172	828,7979126	3,774996996	23,9334507		15386411
15:48:52	51100,98828	828,8129272	3,77372241	23,9334507		15386482
15:48:57	51100,58984	828,8115234	3,771173477	23,9334507		15386553
15:49:02	51196,99219	828,7886353	3,769261837	23,9334507		15386624
15:49:07	51077,89844	828,7896729	3,774996996	23,9334507		15386695
15:49:12	51029,27734	828,809082	3,77563405	23,9334507		15386766
15:49:17	51172,98828	828,8016357	3,771811008	23,9334507		15386837

Consumo diesel Nehuenco II 02-02-2021

255MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	51.062,20	828,83	3,77	23,93		
DESVEST	152,4177	0,0501	0,0033	0,0271		
%DESVEST	0,2985%	0,0060%	0,0884%	0,1132%		
DATOS	361	361	361	361	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	0:30:00				CONSUMO [l/h]	25.525 51.050,00
15:50:27	51174,23828	828,7908936	3,771811008	23,92810249	15387831	
15:50:32	51221,64063	828,8206787	3,772448063	23,92810249	15387902	
15:50:37	51102,82813	828,763916	3,772448063	23,92810249	15387973	
15:50:42	51175,02734	828,7762451	3,774996996	23,9334507	15388044	
15:50:47	51004,95703	828,7920532	3,776271343	23,9334507	15388115	
15:50:52	51078,08984	828,7763672	3,771173477	23,9334507	15388186	
15:50:57	51222,16016	828,7660522	3,771173477	23,9334507	15388257	
15:51:02	51199,46484	828,7701416	3,770536423	23,9334507	15388328	
15:51:07	51102,07422	828,7672119	3,772448063	23,93857384	15388399	
15:51:12	51125,53125	828,8033447	3,770536423	23,93857384	15388470	
15:51:17	51293,90625	828,7885132	3,769899368	23,93857384	15388541	
15:51:22	51197,86328	828,7947388	3,771811008	23,94392204	15388612	
15:51:27	51101,70703	828,7872314	3,776271343	23,94392204	15388683	
15:51:32	50957,45313	828,7976685	3,776908398	23,94392204	15388754	
15:51:37	51196,94141	828,7911987	3,772448063	23,94392204	15388825	
15:51:42	51245,71875	828,7800903	3,770536423	23,94392204	15388896	
15:51:47	51318,21484	828,7775879	3,76607585	23,93857384	15388967	
15:51:52	51198,25391	828,7717285	3,771811008	23,9334507	15389038	
15:51:57	50958,85938	828,7849121	3,773085356	23,9334507	15389109	
15:52:02	51078,32422	828,765625	3,769899368	23,9334507	15389180	
15:52:07	51126,07031	828,7859497	3,772448063	23,9334507	15389251	
15:52:12	51174,15234	828,7785645	3,770536423	23,9334507	15389322	
15:52:17	51125,16797	828,8150024	3,774996996	23,93857384	15389393	
15:52:22	51029,91016	828,7906494	3,776271343	23,93857384	15389464	
15:52:27	51005,66016	828,8011475	3,774996996	23,93857384	15389535	
15:52:32	51149,60156	828,8036499	3,77372241	23,9334507	15389606	
15:52:37	51414,01172	828,7926636	3,771173477	23,93857384	15389677	
15:52:42	51149,68359	828,7872925	3,77563405	23,94392204	15389748	
15:52:47	51221,44922	828,7781982	3,773085356	23,94392204	15389819	
15:52:52	51101,40234	828,7930298	3,771811008	23,94392204	15389890	
15:52:57	50982,52344	828,7764893	3,776271343	23,94392204	15389961	
15:53:02	51245,73047	828,7896729	3,771173477	23,94392204	15390032	
15:53:07	51317,89063	828,7950439	3,770536423	23,94392204	15390103	
15:53:12	51221,76172	828,7805786	3,771173477	23,94392204	15390174	
15:53:17	51246,75	828,7667847	3,771173477	23,94392204	15390245	
15:53:22	51222,16016	828,788208	3,773085356	23,94392204	15390316	
15:53:27	51101,82031	828,7873535	3,774359941	23,93857384	15390387	
15:53:32	51078,07031	828,7887573	3,77372241	23,93857384	15390458	
15:53:37	51150,13281	828,7679443	3,772448063	23,93857384	15390529	
15:53:42	51150,37109	828,7757568	3,771173477	23,94392204	15390600	
15:53:47	51008,48438	828,7636719	3,776271343	23,93857384	15390671	
15:53:52	51103,60156	828,7526855	3,77372241	23,93857384	15390742	
15:53:57	51223,09375	828,7719116	3,770536423	23,93857384	15390813	
15:54:02	51151,25781	828,7605591	3,774359941	23,94392204	15390884	
15:54:07	50982,09766	828,7837524	3,776271343	23,94392204	15390955	
15:54:12	51173,85547	828,7841187	3,774359941	23,94392204	15391026	
15:54:17	50959,08594	828,7612305	3,774996996	23,94392204	15391097	
15:54:22	51103,62109	828,7520752	3,773085356	23,93857384	15391168	
15:54:27	51197,91797	828,8032227	3,776271343	23,93857384	15391239	
15:54:32	51247,46484	828,7668457	3,770536423	23,93857384	15391310	
15:54:37	51295,67188	828,7531128	3,77372241	23,93857384	15391381	
15:54:42	51175,92969	828,7488403	3,77372241	23,93857384	15391452	
15:54:47	51055,12891	828,7714844	3,774359941	23,93857384	15391523	
15:54:52	51030,40625	828,7823486	3,776271343	23,93857384	15391594	
15:54:57	51151,08594	828,7706299	3,773085356	23,93857384	15391665	
15:55:02	51055,11328	828,7534779	3,777545929	23,93857384	15391736	
15:55:07	50959,42188	828,7722168	3,777545929	23,93857384	15391807	
15:55:12	51127,66406	828,7630005	3,774996996	23,94392204	15391878	
15:55:17	51102,85547	828,7645874	3,774359941	23,93857384	15391949	
15:55:22	51200,25781	828,7518921	3,774359941	23,93857384	15392020	
15:55:27	50983,26563	828,7803345	3,778820515	23,93857384	15392091	
15:55:32	51103,52734	828,7619629	3,778182983	23,93857384	15392162	
15:55:37	51006,69922	828,78125	3,776271343	23,93857384	15392233	
15:55:42	51103,94922	828,7496338	3,778182983	23,93857384	15392304	
15:55:47	51198,54688	828,7645264	3,774996996	23,93857384	15392375	
15:55:52	51030,95703	828,7766724	3,77563405	23,93857384	15392446	
15:55:57	51173,20703	828,7731323	3,77563405	23,93857384	15392517	
15:56:02	51125,88672	828,7810669	3,77563405	23,93857384	15392588	
15:56:07	51150,53125	828,7661133	3,774996996	23,94392204	15392659	
15:56:12	51031,64844	828,7587891	3,77563405	23,94392204	15392730	
15:56:17	51247,75	828,7537842	3,769899368	23,94392204	15392799	
15:56:22	51150,86328	828,7693481	3,776908398	23,94392204	15392866	
15:56:27	51030,28125	828,767334	3,77563405	23,94392204	15392937	
15:56:32	51174,96875	828,7683105	3,77372241	23,94392204	15393008	
15:56:37	51103,29688	828,762207	3,774359941	23,94392204	15393079	
15:56:42	51150,37891	828,7720947	3,773085356	23,94392204	15393150	
15:56:47	51151,89453	828,7394409	3,774996996	23,94392204	15393221	
15:56:52	51032,16406	828,7548828	3,778182983	23,94392204	15393292	
15:56:57	51079,36719	828,7659912	3,774996996	23,94392204	15393363	
15:57:02	51198,50781	828,7651978	3,77563405	23,94392204	15393434	
15:57:07	51104,32422	828,7752075	3,777545929	23,94392204	15393505	
15:57:12	51007,95313	828,7612915	3,780094624	23,94392204	15393576	
15:57:17	51078,99609	828,7716675	3,778820515	23,94392204	15393647	
15:57:22	51030,89063	828,7689819	3,777545929	23,94392204	15393718	
15:57:27	51224,21875	828,7478638	3,776271343	23,94392204	15393789	
15:57:32	51126,8125	828,7550049	3,778182983	23,94392204	15393860	
15:57:37	51246,86719	828,767395	3,774359941	23,93857384	15393931	
15:57:42	51151,13281	828,7666016	3,774996996	23,93857384	15394002	
15:57:47	51080,3125	828,7670898	3,781368971	23,93857384	15394073	
15:57:52	50983,09375	828,7825928	3,780731916	23,94392204	15394144	
15:57:57	50936,55469	828,7554321	3,781368971	23,9334507	15394215	
15:58:02	51104,00781	828,7670898	3,780731916	23,9334507	15394286	
15:58:07	51056,90625	828,7407837	3,782006502	23,9334507	15394357	
15:58:12	51032,57422	828,7570801	3,781368971	23,9334507	15394428	
15:58:17	51007,90625	828,7731934	3,780731916	23,9334507	15394499	
15:58:22	51200,37109	828,7685547	3,776908398	23,92810249	15394570	
15:58:27	51223,93359	828,7720337	3,780731916	23,91763115	15394641	
15:58:32	51152,19141	828,7980347	3,777545929	23,91763115	15394712	
15:58:37	51247,88281	828,7619629	3,778182983	23,92810249	15394783	
15:58:42	51103,77344	828,7772217	3,778820515	23,9334507	15394854	
15:58:47	51128,57031	828,7503052	3,773085356	23,9334507	15394925	
15:58:52	51176,46875	828,758728	3,77563405	23,92810249	15394996	
15:58:57	51080,26953	828,7529297	3,778182983	23,92810249	15395067	
15:59:02	51152,17969	828,7807007	3,776271343	23,92810249	15395138	
15:59:07	51079,4375	828,7763062	3,778820515	23,92810249	15395209	
15:59:12	50934,83594	828,7793579	3,781368971	23,92810249	15395280	
15:59:17	51103,58203	828,7723999	3,778820515	23,92810249	15395351	
15:59:22	50983,76563	828,7800293	3,779457569	23,92810249	15395422	
15:59:27	51104,39063	828,7554932	3,779457569	23,92810249	15395493	
15:59:32	51152,16797	82				

Consumo diesel Nehuenco II 02-02-2021 255MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	51.062,20	828,83	3,77	23,93		
DESV EST	152,4177	0,0501	0,0033	0,0271		
%DESV EST	0,2985%	0,0060%	0,0884%	0,1132%		
DATOS	361	361	361	361	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	0:30:00				CONSUMO [l/h]	25.525 51.050,00

Consumo diesel Nehuenco II 02-02-2021 255MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	51.062,20	828,83	3,77	23,93		
DESV EST	152,4177	0,0501	0,0033	0,0271		
%DESV EST	0,2985%	0,0060%	0,0884%	0,1132%		
DATOS	361	361	361	361	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	0:30:00				CONSUMO [l/h]	25.525 51.050,00

Consumo diesel Nehuenco II 02-02-2021 255MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	51.062,20	828,83	3,77	23,93		
DESV EST	152,4177	0,0501	0,0033	0,0271		
%DESV EST	0,2985%	0,0060%	0,0884%	0,1132%		
DATOS	361	361	361	361	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	0:30:00				CONSUMO [l/h]	25.525 51.050,00

Consumo diesel Nehuenco II 02-02-2021

220MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	46.622,86	828,65	3,84	24,04		
DESVEST	226,5414	0,0461	0,0088	0,0201		
%DESVEST	0,4859%	0,0056%	0,2303%	0,0836%		
DATOS	721	721	721	721	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	1:00:00				CONSUMO [l/h]	46.616
						46.616,00
Tiempo	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]	TOT_GLOBAL_TG2	
16:30:02	46910,41797	828,6254272	3,840630293	24,02792168	15419964	
16:30:07	46959,49609	828,6376343	3,841267824	24,02792168	15420029	
16:30:12	46694,91406	828,6332397	3,851462841	24,02792168	15420094	
16:30:17	46408,12109	828,6091309	3,864207506	24,03326988	15420159	
16:30:22	46311,92188	828,6196289	3,860383987	24,03326988	15420223	
16:30:27	46502,51172	828,6408081	3,850188732	24,03326988	15420287	
16:30:32	46455,66406	828,6225586	3,859109402	24,03326988	15420352	
16:30:37	46622,8125	828,614502	3,848914385	24,03326988	15420417	
16:30:42	46862,93359	828,6193848	3,842541933	24,03326988	15420482	
16:30:47	46935,72266	828,6072998	3,845728397	24,03861618	15420547	
16:30:52	46910,61719	828,6132813	3,845728397	24,03861618	15420612	
16:30:57	46742,66016	828,633606	3,851462841	24,03861618	15420677	
16:31:02	46646,55469	828,6218262	3,849551439	24,03861618	15420742	
16:31:07	46767,14453	828,6203003	3,845090866	24,03861618	15420807	
16:31:12	46741,81641	828,6429443	3,846365452	24,03861618	15420871	
16:31:17	46790,15234	828,6485596	3,848276854	24,03861618	15420936	
16:31:22	46718,0625	828,6356201	3,846365452	24,03861618	15421001	
16:31:27	46837,71484	828,649353	3,843179226	24,03861618	15421066	
16:31:32	46837,80469	828,6619873	3,849551439	24,03861618	15421131	
16:31:37	46407,30078	828,6360474	3,863569975	24,03861618	15421196	
16:31:42	46262,07422	828,6450806	3,863569975	24,04908943	15421260	
16:31:47	46359,19141	828,6256104	3,855923414	24,04908943	15421325	
16:31:52	46574,68359	828,6165161	3,848276854	24,04396439	15421389	
16:31:57	46932,48828	828,6514893	3,83616972	24,04908943	15421454	
16:32:02	46958,23438	828,6314087	3,837444305	24,05443573	15421519	
16:32:07	46788,25391	828,6571655	3,851462841	24,05443573	15421585	
16:32:12	46430,30859	828,6357422	3,863569975	24,05443573	15421649	
16:32:17	46380,82422	828,6433716	3,856560946	24,05443573	15421714	
16:32:22	46525,8125	828,6459351	3,852100372	24,04908943	15421778	
16:32:27	46547,95313	828,6603394	3,853774958	24,04908943	15421843	
16:32:32	46620,55859	828,6572266	3,848914385	24,05443573	15421907	
16:32:37	46956,96484	828,6329346	3,838718891	24,05443573	15421973	
16:32:42	47052,78516	828,6358032	3,83808136	24,04908943	15422038	
16:32:47	46957,11328	828,6281128	3,839355946	24,04908943	15422103	
16:32:52	46718,02344	828,635437	3,847002506	24,04908943	15422168	
16:32:57	46478,27344	828,6247559	3,859109402	24,04908943	15422233	
16:33:02	46286,05078	828,6387329	3,858472347	24,04908943	15422297	
16:33:07	46574,73047	828,6202393	3,843179226	24,04908943	15422362	
16:33:12	46886,37891	828,6303101	3,836807251	24,04396439	15422427	
16:33:17	46790,625	828,6212158	3,847002506	24,04396439	15422492	
16:33:22	46551,02344	828,6293335	3,852100372	24,04396439	15422557	
16:33:27	46622,72266	828,6226807	3,84381628	24,04396439	15422621	
16:33:32	46864,54688	828,558022	3,841267824	24,04396439	15422686	
16:33:37	46385,62891	828,5757446	3,857835293	24,04396439	15422751	
16:33:42	46575,42188	828,621582	3,847002506	24,04396439	15422815	
16:33:47	46744,25	828,5919189	3,84381628	24,04396439	15422880	
16:33:52	46528,54297	828,5996094	3,854012012	24,04396439	15422945	
16:33:57	46407,92969	828,6079712	3,849551439	24,04396439	15423009	
16:34:02	46575,59766	828,605957	3,852100372	24,04396439	15423074	
16:34:07	46456,66797	828,5973511	3,852737427	24,04396439	15423139	
16:34:12	46479,82031	828,6157227	3,852100372	24,04396439	15423203	
16:34:17	46647,11328	828,6065674	3,848276854	24,04396439	15423268	
16:34:22	46455,96094	828,6228638	3,854649305	24,04908943	15423333	
16:34:27	46503,23828	828,6166382	3,848914385	24,04908943	15423397	
16:34:32	46909,78906	828,6212769	3,837444305	24,04908943	15423462	
16:34:37	46935,64453	828,5645142	3,837444305	24,04908943	15423527	
16:34:42	46863,60156	828,5905762	3,839355946	24,04908943	15423592	
16:34:47	46864,83203	828,5779419	3,841904879	24,04908943	15423657	
16:34:52	46911,34766	828,6115723	3,839355946	24,04908943	15423723	
16:34:57	46791,35156	828,5977173	3,838718891	24,04908943	15423788	
16:35:02	46766,57031	828,6031494	3,844453812	24,04908943	15423853	
16:35:07	46528,82813	828,5899048	3,857198	24,04908943	15423917	
16:35:12	46192,70703	828,6001587	3,866118908	24,04908943	15423982	
16:35:17	46239,75	828,6049805	3,85528636	24,04908943	15424046	
16:35:22	46671,26172	828,6037598	3,841267824	24,05443573	15424110	
16:35:27	46911,40234	828,5794067	3,83808136	24,05443573	15424175	
16:35:32	46790,81641	828,6148071	3,83808136	24,05443573	15424240	
16:35:37	46814,83984	828,6054077	3,839993238	24,05443573	15424305	
16:35:42	46743,26563	828,5939941	3,842541933	24,05443573	15424370	
16:35:47	46670,58984	828,6057129	3,844453812	24,05443573	15424435	
16:35:52	46696,91016	828,5633545	3,841267824	24,04908943	15424500	
16:35:57	46601,08984	828,5897827	3,848276854	24,05443573	15424565	
16:36:02	46503,20703	828,6105957	3,850188732	24,05443573	15424630	
16:36:07	46671,9375	828,598938	3,839993238	24,05443573	15424694	
16:36:12	46600,36719	828,6020508	3,850188732	24,05443573	15424759	
16:36:17	46313,04297	828,5814819	3,852737427	24,05443573	15424824	
16:36:22	46575,41797	828,597229	3,84381628	24,05956078	15424888	
16:36:27	46862,39063	828,5996704	3,83616972	24,05956078	15424953	
16:36:32	46743,29688	828,5949707	3,840630293	24,05956078	15425018	
16:36:37	46815,42578	828,5628052	3,836807251	24,05956078	15425083	
16:36:42	46719,56641	828,6083984	3,840630293	24,05956078	15425148	
16:36:47	46622,38281	828,6000977	3,841904879	24,05956078	15425213	
16:36:52	46767,04297	828,5847778	3,837444305	24,05956078	15425278	
16:36:57	46839,0625	828,6004639	3,843179226	24,05956078	15425343	
16:37:02	46407,45313	828,6016846	3,854649305	24,05956078	15425407	
16:37:07	46313,32813	828,5755615	3,860383987	24,05956078	15425472	
16:37:12	46288,25391	828,5983276	3,859109402	24,05956078	15425536	
16:37:17	46335,41406	828,6060791	3,849551439	24,05956078	15425600	
16:37:22	46670,60547	828,5978394	3,838718891	24,05956078	15425665	
16:37:27	46839,07813	828,5949097	3,838718891	24,05443573	15425730	
16:37:32	46815,11719	828,6052246	3,836807251	24,05443573	15425795	
16:37:37	46862,30469	828,6172485	3,836807251	24,05443573	15425860	
16:37:42	46694,36328	828,6172485	3,845090866	24,05443573	15425925	
16:37:47	46406,96875	828,6000366	3,854649305	24,05443573	15425990	
16:37:52	46359,78516	828,612793	3,848276854	24,05443573	15426054	
16:37:57	46693,73438	828,6279907	3,835532665	24,05443573	15426119	
16:38:02	46956,96484	828,6256104	3,829160213	24,05443573	15426184	
16:38:07	46982,89453	828,588623	3,832983732	24,05443573	15426249	
16:38:12	46838,91797	828,6151123	3,835532665	24,05443573	15426314	
16:38:17	46670,57813	828,6113892	3,842541933	24,05443573	15426379	
16:38:22	46430,85547	828,6137695	3,851462841	24,05443573	15426444	
16:38:27	46648,29297	828,579895	3,838718891	24,05443573	15426508	
16:38:32	46599,71094	828,5986938	3,841267824	24,05443573	15426573	
16:38:37	46383,57031	828,6125488	3,851462841	24,05443573	15426638	
16:38:42	46406,83984	828,6047363	3,848276854	24,05443573	15426702	
16:38:47	46551,01953	828,6203613	3,847002506	24,05443573	15426767	
16:38:52	46527,96484	828,5908813	3,848914385	24,05443573	15426831	
16:38:57	46670,59375	828,6154175	3,839355946	24,05443573	15426896	
16:39:02	46933,65625	828,6047974	3,832346678	24,05956078	15426961	
16:39:07	46598,95703	828,6082764	3,847002506	24,05956078	15427026	
16:39:12	46216,21094	828,5925293	3,857198	24,05956078	15427090	
16:39:17	46263,67969	828,5951538	3,854012012	24,05956078	15427155	
16:39:22	46574,73047	828,6000977	3,844453812	24,05956078	15427219	
16:39:27	46742,07031	828,6077881	3,83808136	24,06490898	15427284	
16:39:32	46910,00781	828,5944824	3,832346678	24,05956078	15427349	
16:39:37	46765,76563	828,6270752	3,841267824	24,05443573	15427414	
16:39:42	46407,26563	828,6062012	3,851462841	24,05443573	15427479	
16:39:47	46430,43359	828,5980835	3,844453812	24,05443573</		

Consumo diesel Nehuenco II 02-02-2021

220MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	46.622,86	828,65	3,84	24,04		
DESV EST	226,5414	0,0461	0,0088	0,0201		
%DESV EST	0,4859%	0,0056%	0,2303%	0,0836%		
DATOS	721	721	721	721	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	1:00:00				CONSUMO [l/h]	46.616 46.616,00
16:40:12	46886,25391	828,6022339	3,829160213	24,05443573		15427868
16:40:17	46862,64844	828,5969849	3,837444305	24,05443573		15427933
16:40:22	46838,51953	828,6130981	3,837444305	24,05956078		15427998
16:40:27	46670,38672	828,6027222	3,83808136	24,06490898		15428063
16:40:32	46622,34766	828,5994873	3,843179226	24,05956078		15428128
16:40:37	46622,3125	828,6120605	3,84381628	24,05443573		15428192
16:40:42	46550,46094	828,6104126	3,845728397	24,05443573		15428257
16:40:47	46549,38672	828,6195679	3,840630293	24,05443573		15428322
16:40:52	46982,01563	828,6044312	3,826611757	24,05443573		15428387
16:40:57	47052,9375	828,612793	3,826611757	24,05956078		15428452
16:41:02	47029,83594	828,6276245	3,83107233	24,05443573		15428517
16:41:07	46813,14453	828,6411133	3,832983732	24,05443573		15428582
16:41:12	46861,66406	828,6143799	3,840630293	24,05443573		15428648
16:41:17	46383,73047	828,6003418	3,855923414	24,05443573		15428712
16:41:22	46215,07813	828,6177979	3,857198	24,05443573		15428777
16:41:27	46550,72266	828,6029053	3,839993238	24,04908943		15428841
16:41:32	46837,91406	828,6132813	3,831709385	24,04908943		15428906
16:41:37	46742,16406	828,6079712	3,841267824	24,05956078		15428971
16:41:42	46550,85938	828,5993042	3,845090866	24,06490898		15429036
16:41:47	46527,60938	828,5888062	3,841904879	24,05956078		15429100
16:41:52	46503,51563	828,59375	3,845728397	24,05956078		15429165
16:41:57	46431,90234	828,604187	3,850825787	24,05956078		15429229
16:42:02	46646,36719	828,6129761	3,839993238	24,05956078		15429294
16:42:07	46864,06641	828,5776978	3,833620787	24,05443573		15429359
16:42:12	46718,85156	828,6050415	3,838718891	24,05443573		15429424
16:42:17	46550,48047	828,6019897	3,842541933	24,05443573		15429489
16:42:22	46718,76563	828,5899048	3,839993238	24,05443573		15429553
16:42:27	46670,08984	828,6082153	3,842541933	24,05443573		15429618
16:42:32	46526,38281	828,6161499	3,839355946	24,05443573		15429683
16:42:37	46622,01172	828,6199341	3,837444305	24,05443573		15429748
16:42:42	46790,00781	828,6098633	3,83616972	24,05443573		15429813
16:42:47	46598,6875	828,6107788	3,844453812	24,05443573		15429877
16:42:52	46622,14844	828,6149902	3,83808136	24,05443573		15429942
16:42:57	46766,57031	828,6194458	3,834258318	24,05443573		15430007
16:43:02	46741,08594	828,6351318	3,840630293	24,05443573		15430072
16:43:07	46382,44922	828,6072388	3,850825787	24,05956078		15430137
16:43:12	46383,13672	828,6126099	3,84381628	24,05956078		15430201
16:43:17	46646,10156	828,6089478	3,836807251	24,05956078		15430266
16:43:22	46599,58203	828,5986328	3,84381628	24,05956078		15430330
16:43:27	46622,31641	828,6096191	3,836807251	24,05956078		15430395
16:43:32	46958,96094	828,5922241	3,829797745	24,05443573		15430460
16:43:37	46982,08594	828,5991211	3,829797745	24,05956078		15430525
16:43:42	46742,16016	828,6111084	3,838718891	24,05956078		15430591
16:43:47	46646,19531	828,6245117	3,841267824	24,05956078		15430655
16:43:52	46599,85938	828,5886841	3,842541933	24,04908943		15430720
16:43:57	46454,87109	828,6142578	3,844453812	24,04908943		15430785
16:44:02	46694,9375	828,6004028	3,834895372	24,05443573		15430849
16:44:07	46574,86328	828,6015015	3,842541933	24,05443573		15430914
16:44:12	46479,19531	828,6025391	3,848276854	24,05443573		15430979
16:44:17	46575,42578	828,5919189	3,842541933	24,05443573		15431043
16:44:22	46456,50391	828,5784912	3,850825787	24,05443573		15431108
16:44:27	46335,29688	828,6027222	3,848276854	24,05443573		15431172
16:44:32	46647,16016	828,6133423	3,834895372	24,05443573		15431237
16:44:37	46838,19141	828,6190186	3,829797745	24,05443573		15431302
16:44:42	46861,87109	828,6115723	3,829160213	24,05443573		15431367
16:44:47	46837,83203	828,6159058	3,832346678	24,05443573		15431432
16:44:52	46743,34766	828,5885501	3,838718891	24,05443573		15431497
16:44:57	46598,88672	828,609375	3,850825787	24,05443573		15431562
16:45:02	46502,36719	828,612854	3,843179226	24,05443573		15431626
16:45:07	46720,54297	828,5800171	3,838718891	24,05443573		15431691
16:45:12	46479,75391	828,5878906	3,844453812	24,05443573		15431756
16:45:17	46287,40234	828,6072388	3,850188732	24,05956078		15431820
16:45:22	46360,78906	828,5758667	3,849551439	24,05956078		15431885
16:45:27	46263,63672	828,6157227	3,850825787	24,05956078		15431949
16:45:32	46406,78906	828,5944824	3,840630293	24,05443573		15432013
16:45:37	46790,90234	828,6017456	3,825974226	24,05443573		15432078
16:45:42	46958,48438	828,5952148	3,826611757	24,05443573		15432143
16:45:47	46933,35938	828,6175537	3,831709385	24,05443573		15432208
16:45:52	46814,69922	828,6033325	3,834258318	24,04908943		15432274
16:45:57	46790,29688	828,6032104	3,834895372	24,04908943		15432339
16:46:02	46527,98828	828,5730591	3,839355946	24,04908943		15432403
16:46:07	46744,08594	828,5869141	3,832983732	24,04908943		15432468
16:46:12	46648,04297	828,574707	3,841267824	24,04908943		15432533
16:46:17	46240,61328	828,5828247	3,857198	24,04908943		15432598
16:46:22	46240,90234	828,5679321	3,849551439	24,04908943		15432662
16:46:27	46264,41016	828,6015015	3,846365452	24,04908943		15432726
16:46:32	46623,53125	828,5893555	3,83532665	24,04908943		15432790
16:46:37	46911,07813	828,5864258	3,825337172	24,05443573		15432855
16:46:42	46862,26953	828,6029663	3,838718891	24,05443573		15432921
16:46:47	46361,63672	828,5631714	3,854012012	24,05443573		15432985
16:46:52	46408,47266	828,5801392	3,841267824	24,05443573		15433050
16:46:57	46742,99219	828,5985718	3,829797745	24,04908943		15433114
16:47:02	46768,23438	828,5636597	3,837444305	24,04908943		15433179
16:47:07	46911,57422	828,5825195	3,826611757	24,04908943		15433244
16:47:12	46744,45313	828,5821533	3,840630293	24,04908943		15433309
16:47:17	46289,92969	828,5595093	3,855923414	24,04908943		15433374
16:47:22	46264,78125	828,5918579	3,847639799	24,04908943		15433438
16:47:27	46647,50391	828,5869141	3,827886105	24,04908943		15433503
16:47:32	47005,95313	828,6141968	3,825337172	24,05443573		15433568
16:47:37	47078,5625	828,589658	3,821513653	24,05443573		15433633
16:47:42	46910,98828	828,6057129	3,832983732	24,04908943		15433699
16:47:47	46432,17969	828,5869751	3,852737427	24,04908943		15433763
16:47:52	46167,54297	828,6090088	3,857835293	24,04908943		15433828
16:47:57	46240,20313	828,6005249	3,848276854	24,04908943		15433892
16:48:02	46382,27344	828,6217651	3,843179226	24,04908943		15433956
16:48:07	46311,26563	828,6131592	3,847002506	24,04908943		15434020
16:48:12	46479,20703	828,5869751	3,845090866	24,04396439		15434085
16:48:17	46552,40625	828,5759888	3,844453812	24,04396439		15434150
16:48:22	46552,10547	828,5861206	3,83532665	24,04396439		15434214
16:48:27	46816,07031	828,5845947	3,827886105	24,04396439		15434279
16:48:32	46984,69922	828,5689697	3,829160213	24,04396439		15434344
16:48:37	46983,78125	828,5911865	3,829797745	24,04396439		15434409
16:48:42	46742,29297	828,614563	3,833620787	24,04396439		15434473
16:48:47	46672,29297	828,5859375	3,836807251	24,04396439		15434539
16:48:52	46336,58984	828,6026611	3,849551439	24,04396439		15434604
16:48:57	46456,21094	828,5939331	3,846365452	24,04396439		15434669
16:49:02	46311,78125	828,6036987	3,848914385	24,04396439		15434733
16:49:07	46359,75391	828,6074829	3,848914385	24,04396439		15434797
16:49:12	46575,13672	828,5979004	3,836807251	24,04396439		15434862

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220MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	46.622,86	828,65	3,84	24,04		
DESVEST	226,5414	0,0461	0,0088	0,0201		
%DESVEST	0,4859%	0,0056%	0,2303%	0,0836%		
DATOS	721	721	721	721	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	1:00:00				CONSUMO [l/h]	46.616 46.616,00
16:50:27	46767,24219	828,6005859	3,834895372	24,03326988	15435834	
16:50:32	46529,63281	828,5717773	3,84381628	24,03326988	15435899	
16:50:37	46504,17578	828,5995483	3,840630293	24,03326988	15435964	
16:50:42	46504,11719	828,5921631	3,844453812	24,03326988	15436028	
16:50:47	46336,41797	828,6068115	3,847002506	24,03326988	15436093	
16:50:52	46695,08594	828,6107788	3,832983732	24,03326988	15436157	
16:50:57	46552,22656	828,6079712	3,840630293	24,03326988	15436222	
16:51:02	46432,09766	828,5926514	3,843179226	24,03326988	15436287	
16:51:07	46623,63672	828,6065674	3,831709385	24,03326988	15436351	
16:51:12	46911,08594	828,5994873	3,826611757	24,03326988	15436416	
16:51:17	46959,07031	828,5975342	3,828523159	24,03326988	15436482	
16:51:22	46886,02734	828,6236572	3,826611757	24,03326988	15436547	
16:51:27	46696,41406	828,5847168	3,845090866	24,03326988	15436612	
16:51:32	46408,24219	828,6015015	3,848276854	24,03861618	15436676	
16:51:37	46095,36719	828,617981	3,854649305	24,03861618	15436741	
16:51:42	46358,27734	828,6220093	3,840630293	24,03861618	15436805	
16:51:47	46814,59766	828,605957	3,830434799	24,03861618	15436870	
16:51:52	47006,09375	828,5933838	3,824699879	24,03326988	15436935	
16:51:57	46911,16406	828,5917969	3,826611757	24,03326988	15437000	
16:52:02	46815,45313	828,6065063	3,834258318	24,03326988	15437065	
16:52:07	46887,02734	828,6098022	3,829160213	24,03861618	15437130	
16:52:12	46790,04297	828,6107788	3,83616972	24,04396439	15437195	
16:52:17	46742,03516	828,6259155	3,832983732	24,04396439	15437260	
16:52:22	46598,42188	828,6182251	3,841904879	24,04396439	15437325	
16:52:27	46239,02734	828,619873	3,852737427	24,03861618	15437389	
16:52:32	46264	828,598938	3,852737427	24,03326988	15437454	
16:52:37	46288,75781	828,6016846	3,847639799	24,03326988	15437518	
16:52:42	46479,30469	828,6112671	3,839355946	24,03326988	15437582	
16:52:47	46790,39453	828,6278687	3,828523159	24,03861618	15437647	
16:52:52	46838,55469	828,6168213	3,828523159	24,03861618	15437712	
16:52:57	46694,57422	828,6188354	3,838718891	24,03861618	15437777	
16:53:02	46623,28125	828,6185913	3,832346678	24,03861618	15437842	
16:53:07	46741,39844	828,6217041	3,828523159	24,03326988	15437907	
16:53:12	46886,36328	828,6196899	3,828523159	24,03326988	15437972	
16:53:17	46574,45703	828,6308594	3,841904879	24,03326988	15438037	
16:53:22	46407,51953	828,6257324	3,849551439	24,03326988	15438101	
16:53:27	46286,9375	828,6129761	3,852737427	24,02792168	15438166	
16:53:32	46238,77734	828,6306763	3,845728397	24,03326988	15438230	
16:53:37	46573,89844	828,6263428	3,834258318	24,03326988	15438294	
16:53:42	46909,84375	828,6231689	3,826611757	24,03326988	15438359	
16:53:47	46982,23828	828,6134033	3,826611757	24,03326988	15438425	
16:53:52	46933,81641	828,6094971	3,822788239	24,03326988	15438490	
16:53:57	47005,49219	828,6300049	3,829160213	24,03326988	15438555	
16:54:02	46837,94922	828,6217651	3,83107233	24,03326988	15438620	
16:54:07	46813,90234	828,6307983	3,829797745	24,03326988	15438685	
16:54:12	46789,0625	828,6315308	3,837444305	24,03326988	15438750	
16:54:17	46479,875	828,6082153	3,845090866	24,03326988	15438815	
16:54:22	46575,14063	828,6209717	3,838718891	24,03326988	15438880	
16:54:27	46647,83594	828,6113281	3,842541933	24,03326988	15438944	
16:54:32	46359,04688	828,6223145	3,847639799	24,02792168	15439009	
16:54:37	46574,76172	828,630188	3,836807251	24,02792168	15439073	
16:54:42	46694,46875	828,6271973	3,83616972	24,02792168	15439138	
16:54:47	46670,70703	828,6264648	3,841904879	24,03326988	15439203	
16:54:52	46406,73438	828,6314697	3,845090866	24,03326988	15439268	
16:54:57	46669,92188	828,6248169	3,833620787	24,02792168	15439332	
16:55:02	46837,61328	828,6334229	3,83107233	24,02792168	15439397	
16:55:07	46646,69531	828,6328125	3,841267824	24,02792168	15439462	
16:55:12	46622,71875	828,6308594	3,837444305	24,02792168	15439527	
16:55:17	46646,85156	828,6238403	3,837444305	24,02279663	15439592	
16:55:22	46454,24609	828,6503296	3,841904879	24,01767349	15439656	
16:55:27	46573,23828	828,6502075	3,833620787	24,02279663	15439721	
16:55:32	46908,54688	828,6550293	3,824062824	24,02279663	15439786	
16:55:37	46909,69531	828,6417236	3,828523159	24,02279663	15439851	
16:55:42	46765,5625	828,6429443	3,836807251	24,02279663	15439916	
16:55:47	46669,41797	828,6230469	3,836807251	24,02279663	15439981	
16:55:52	46525,89453	828,6403198	3,843179226	24,02279663	15440046	
16:55:57	46453,72656	828,6391602	3,845728397	24,02279663	15440110	
16:56:02	46597,30469	828,6412964	3,83808136	24,02279663	15440175	
16:56:07	46406,57813	828,6331787	3,848276854	24,02279663	15440239	
16:56:12	46357,35938	828,6529541	3,845728397	24,02279663	15440304	
16:56:17	46597,01172	828,6505737	3,833620787	24,02279663	15440368	
16:56:22	46837,81641	828,638855	3,828523159	24,02792168	15440433	
16:56:27	46622,54688	828,6313477	3,843179226	24,02792168	15440498	
16:56:32	46286,27734	828,6537476	3,845728397	24,02279663	15440563	
16:56:37	46573,77734	828,6427002	3,834258318	24,01767349	15440627	
16:56:42	46934,27344	828,6166992	3,825974226	24,01767349	15440692	
16:56:47	46957,85156	828,6409912	3,825337172	24,01767349	15440757	
16:56:52	46885,86328	828,6359253	3,829797745	24,01767349	15440822	
16:56:57	46813,3125	828,6641235	3,837444305	24,01767349	15440888	
16:57:02	46526,06641	828,6430054	3,851462841	24,01767349	15440952	
16:57:07	46428,52344	828,6564331	3,838718891	24,01767349	15441017	
16:57:12	46669,36719	828,6385498	3,834258318	24,01767349	15441081	
16:57:17	46526,85938	828,6413574	3,847639799	24,01767349	15441146	
16:57:22	46382,05078	828,6361694	3,841904879	24,01767349	15441211	
16:57:27	46790,45313	828,6290894	3,826611757	24,02279663	15441275	
16:57:32	46813,46484	828,6413574	3,828523159	24,02279663	15441340	
16:57:37	46598,08203	828,6491089	3,84381628	24,02279663	15441405	
16:57:42	46526,75391	828,6400146	3,841267824	24,02279663	15441470	
16:57:47	46406,00781	828,6673584	3,851462841	24,02279663	15441535	
16:57:52	46333,49219	828,6598511	3,850188732	24,02279663	15441599	
16:57:57	46357,96094	828,6506348	3,845728397	24,01767349	15441663	
16:58:02	46406,57422	828,6281738	3,844453812	24,01767349	15441728	
16:58:07	46381,93359	828,6437378	3,840630293	24,01767349	15441792	
16:58:12	46716,44531	828,654541	3,827248812	24,01767349	15441857	
16:58:17	47004,77344	828,6591187	3,824062824	24,01767349	15441922	
16:58:22	46694,28125	828,6266479	3,839355946	24,01767349	15441987	
16:58:27	46527,50781	828,6359863	3,839993238	24,01767349	15442052	
16:58:32	46622,0625	828,6436157	3,836807251	24,01767349	15442117	
16:58:37	46524,38672	828,6450195	3,841267824	24,02279663	15442181	
16:58:42	46430,19922	828,6469727	3,842541933	24,02792168	15442246	
16:58:47	46500,70313	828,6479492	3,841267824	24,02792168	15442310	
16:58:52	46573,32031	828,647644	3,840630293	24,02279663	15442375	
16:58:57	46501,21875	828,6630249	3,841267824	24,02279663	15442439	
16:59:02	46718,82422	828,6420898	3,829797745	24,02279663	15442504	
16:59:07	46836,84375	828,638916	3,830434799	24,02279663	15442569	
16:59:12	46453,66406	828,6512451	3,846365452	24,02279663	15442634	
16:59:17	46502,75	828,6364746	3,836807251	24,02279663	15442698	
16:59:22	46931,53906	828,6618042	3,828523159	24,02279663	15442763	
16:59:27	46907,94141	828,6636353	3,83107233	24,02279663	15442827	
16:59						

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220MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	46.622,86	828,65	3,84	24,04		
DESV EST	226,5414	0,0461	0,0088	0,0201		
%DESV EST	0,4859%	0,0056%	0,2303%	0,0836%		
DATOS	721	721	721	721	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	1:00:00				CONSUMO [l/h]	46.616
						46.616,00
17:00:42	46283,83594	828,6914673	3,84381628	24,02279663	15443800	

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	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	46.622,86	828,65	3,84	24,04		
DESVEST	226,5414	0,0461	0,0088	0,0201		
%DESVEST	0,4859%	0,0056%	0,2303%	0,0836%		
DATOS	721	721	721	721	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	1:00:00			CONSUMO [l/h]	46.616	46.616,00
17:10:57	46594,16016	828,7109985	3,836807251	24,01232529		15451757
17:11:02	46689,89063	828,7252808	3,833620787	24,01232529		15451822
17:11:07	46665,93359	828,7006226	3,835532665	24,01232529		15451887
17:11:12	46666,94531	828,7087402	3,836807251	24,01232529		15451952
17:11:17	46977,33594	828,7263794	3,825974226	24,01232529		15452017
17:11:22	46832,58594	828,7303467	3,825337172	24,01232529		15452082
17:11:27	46833,39063	828,7222229	3,833620787	24,01232529		15452147
17:11:32	46306,34766	828,7227783	3,851462841	24,00697708		15452212
17:11:37	46330,50781	828,7396224	3,845090866	24,00697708		15452276
17:11:42	46452,23438	828,7042847	3,84381628	24,00697708		15452341
17:11:47	46402,73047	828,734436	3,84381628	24,00697708		15452405
17:11:52	46593,90234	828,7220459	3,83616972	24,00163078		15452470
17:11:57	46834,73047	828,7010498	3,825337172	24,00163078		15452535
17:12:02	47026,39453	828,6977539	3,826611757	24,00163078		15452600
17:12:07	46833,39453	828,7258301	3,831709385	24,00697708		15452665
17:12:12	46834,14063	828,7213135	3,829160213	24,00697708		15452730
17:12:17	46665,55859	828,7374878	3,837444305	24,00697708		15452795
17:12:22	46332,10938	828,7164307	3,848914385	24,00163078		15452860
17:12:27	46306,78906	828,7127686	3,847639799	24,00163078		15452924
17:12:32	46403,41406	828,7039185	3,84381628	24,00163078		15452988
17:12:37	46404,38281	828,6984863	3,844453812	24,00163078		15453053
17:12:42	46355,26953	828,7001343	3,841904879	24,00163078		15453117
17:12:47	46427,5	828,7134399	3,841904879	24,00163078		15453182
17:12:52	46784,57031	828,7388916	3,825337172	23,99650574		15453246
17:12:57	46954,65625	828,703186	3,827886105	23,99650574		15453311
17:13:02	46691,8125	828,6866455	3,839355946	23,99650574		15453377
17:13:07	46595,16016	828,7114258	3,83808136	23,99650574		15453441
17:13:12	46832,94922	828,7327271	3,827248812	23,99650574		15453506
17:13:17	46811,17578	828,6998291	3,83616972	23,99650574		15453571
17:13:22	46426,07031	828,7282104	3,846365452	23,99650574		15453636
17:13:27	46353,89063	828,7305298	3,846365452	23,99650574		15453700
17:13:32	46354,25781	828,7275391	3,849551439	24,00163078		15453765
17:13:37	46354,61328	828,7197876	3,848276854	24,00163078		15453829
17:13:42	46450,24219	828,7381592	3,840630293	24,00163078		15453894
17:13:47	46809,18359	828,7297974	3,824699879	24,00163078		15453958
17:13:52	46929,44922	828,7326666	3,824699879	24,00163078		15454023
17:13:57	46785,99609	828,7230225	3,831709385	24,00163078		15454087
17:14:02	46786,03516	828,7200928	3,832346678	24,00163078		15454151
17:14:07	46737,53125	828,7271729	3,834895372	24,00163078		15454215
17:14:12	46665,89453	828,7412109	3,835532665	24,00163078		15454280
17:14:17	46761,10156	828,7506714	3,835532665	24,00163078		15454344
17:14:22	46451,19531	828,6969604	3,847002506	24,00163078		15454408
17:14:27	46403,35547	828,7092285	3,845728397	24,00163078		15454473
17:14:32	46450,72656	828,7175293	3,842541933	24,00163078		15454537
17:14:37	46475,14844	828,7192383	3,844453812	24,00163078		15454602
17:14:42	46498,83594	828,7106934	3,838718891	24,00163078		15454666
17:14:47	46761,74609	828,7440796	3,829797745	24,00163078		15454730
17:14:52	46857,10156	828,7268677	3,828523159	24,00163078		15454795
17:14:57	46571,07813	828,7033081	3,842541933	24,00163078		15454859
17:15:02	46522,58984	828,7200928	3,841267824	24,00697708		15454924
17:15:07	46666,15625	828,7268066	3,837444305	24,00697708		15454988
17:15:12	46426,77734	828,7219238	3,850188732	24,00697708		15455053
17:15:17	46427,35938	828,7033081	3,845090866	24,01232529		15455117
17:15:22	46690,28125	828,71875	3,833620787	24,00697708		15455182
17:15:27	46617,78125	828,7355957	3,84381628	24,00697708		15455246
17:15:32	46427,21875	828,7131958	3,845090866	24,00697708		15455311
17:15:37	46618,96875	828,7124023	3,833620787	24,00697708		15455375
17:15:42	47000,76563	828,7317505	3,825337172	24,00697708		15455440
17:15:47	46930,125	828,7036133	3,829160213	24,01232529		15455504
17:15:52	46762,41016	828,7017822	3,83616972	24,01232529		15455568
17:15:57	46690,70313	828,7025757	3,839355946	24,01232529		15455633
17:16:02	46450,88672	828,7128906	3,84381628	24,00697708		15455697
17:16:07	46667,07813	828,6889038	3,837444305	24,00697708		15455762
17:16:12	46570,69141	828,7098999	3,845090866	24,01232529		15455826
17:16:17	46403,39453	828,7053833	3,852100372	24,01767349		15455891
17:16:22	46428,07422	828,6842041	3,84381628	24,01767349		15455955
17:16:27	46762,91016	828,6915283	3,834895372	24,01767349		15456019
17:16:32	46763,77734	828,6682739	3,83808136	24,01767349		15456084
17:16:37	46547,48438	828,6955566	3,839355946	24,02279663		15456148
17:16:42	46689,69922	828,7122803	3,836807251	24,02792168		15456213
17:16:47	46499,94531	828,6829224	3,847002506	24,03326988		15456277
17:16:52	46427,26563	828,6948242	3,847639799	24,03326988		15456341
17:16:57	46667,34766	828,6791992	3,832346678	24,03861618		15456406
17:17:02	46930,92188	828,6679077	3,832346678	24,04396439		15456470
17:17:07	46547,17969	828,6836548	3,843179226	24,04908943		15456535
17:17:12	46474,44922	828,6884766	3,842541933	24,04908943		15456599
17:17:17	46716,13672	828,6602173	3,837444305	24,04908943		15456663
17:17:22	46475,82813	828,6661987	3,845728397	24,05443573		15456728
17:17:27	46546,58984	828,6946411	3,83808136	24,05443573		15456792
17:17:32	46762,39063	828,6780396	3,836807251	24,05956078		15456857
17:17:37	46643,35938	828,6566162	3,839993238	24,05956078		15456921
17:17:42	46571,59766	828,6720581	3,844453812	24,05956078		15456986
17:17:47	46714,39453	828,6698608	3,831709385	24,06490898		15457050
17:17:52	46858,72656	828,6651611	3,833620787	24,06490898		15457115
17:17:57	46523,23828	828,6673584	3,847639799	24,06490898		15457179
17:18:02	46283,16406	828,6879272	3,847639799	24,05956078		15457244
17:18:07	46618,82813	828,6672363	3,83616972	24,05443573		15457308
17:18:12	46810,54297	828,6600952	3,836807251	24,05443573		15457373
17:18:17	46474,32031	828,6943997	3,848914385	24,05443573		15457437
17:18:22	46594,58594	828,6710205	3,833620787	24,05443573		15457502
17:18:27	46932,12891	828,6416626	3,829797745	24,05443573		15457566
17:18:32	46884,67578	828,6401367	3,833620787	24,05443573		15457631
17:18:37	46666,90234	828,6778564	3,841904879	24,05956078		15457695
17:18:42	46644,42578	828,6483765	3,836807251	24,06490898		15457760
17:18:47	46594,8125	828,6700439	3,848276854	24,06490898		15457824
17:18:52	46308,51953	828,6500244	3,854649305	24,05956078		15457889
17:18:57	46428,21094	828,6555176	3,844453812	24,05956078		15457953
17:19:02	46572,20313	828,6536865	3,84381628	24,05956078		15458018
17:19:07	46452,07422	828,6560669	3,844453812	24,05956078		15458082
17:19:12	46714,72266	828,6588745	3,831709385	24,06490898		15458147
17:19:17	46953,08594	828,6724854	3,829160213	24,06490898		15458211
17:19:22	46740,22266	828,6577759	3,842541933	24,06490898		15458276
17:19:27	46739,20703	828,6579599	3,83616972	24,06490898		15458340
17:19:32	46907,09766	828,6554565	3,832983732	24,07025528		15458405
17:19:37	46906,66797	828,6544189	3,832346678	24,07025528		15458469
17:19:42	46571,88672	828,6535645	3,845728397	24,07025528		15458534
17:19:47	46307,52734	828,6569824	3,853374958	24,07025528		15458598
17:19:52	46235,73828	828,6721191	3,854012012	24,07025528		15458663
17:19:57	46379,44531	828,670166	3,847002506	24,07025528		15458727
17:20:02	46690,91016	828,6603394	3,831709385	24,07025528		15458792
17:20:07	46739,10156	828,6646118	3,837444305	24,07025528		15458856
17:20:12	46619,08594	828,663208	3,839355946	24,07025528		15458920
17:20:17	46834,91406	828,6553955	3,831709385	24,07025528		15458985
17:20:22	46978,45703	828,6528931	3,828523159	24,07560349		15459049
17:20:27	46955,60938	828,6379395	3,83107233	24,08072853		15459114
17:20:32	46929,34375	828,6776733	3,829160213	24,07560349		15459178
17:20:37	46738,20313	828,6535034	3,841267824	24,07560349		15459243
17:20:42	46523,39453	828,6468506	3,851462841	24,07560349		15459307
17:20:47	46259,33594	828,6785889	3,8528636	24,07560349		15459372
17:20:52	46331,36719	828,663147	3,850188732	24,07560349		15459436
17:20:57	46378,68359	828,6766968	3,847639799	24,07560349		15459501
17:21:02	46570,63281</					

Consumo diesel Nehuenco II 02-02-2021

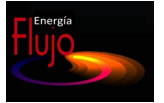
220MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	46.622,86	828,65	3,84	24,04		
DESVEST	226,5414	0,0461	0,0088	0,0201		
%DESVEST	0,4859%	0,0056%	0,2303%	0,0836%		
DATOS	721	721	721	721	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	1:00:00				CONSUMO [l/h]	46.616
						46.616,00
17:21:12	46882,41406	828,6593018	3,83107233	24,07560349		15459723
17:21:17	46642,69531	828,6709595	3,845728397	24,07560349		15459788
17:21:22	46641,375	828,6876221	3,839993238	24,07560349		15459853
17:21:27	46809,26172	828,6777954	3,834895372	24,07560349		15459918
17:21:32	46715,16016	828,6603394	3,84381628	24,07025528		15459983
17:21:37	46546,80469	828,6618042	3,843179226	24,07025528		15460047
17:21:42	46595,64844	828,6556396	3,841904879	24,07025528		15460112
17:21:47	46403,30469	828,6654663	3,85528636	24,07025528		15460177
17:21:52	45948,4375	828,6614999	3,868668079	24,07025528		15460241
17:21:57	45970,94141	828,6781616	3,86293292	24,07025528		15460305
17:22:02	46019,66406	828,6711426	3,860383987	24,06490898		15460369
17:22:07	45923,91016	828,6724854	3,862295866	24,06490898		15460432
17:22:12	45971,92578	828,6668091	3,861021519	24,07025528		15460496
17:22:17	46234,33984	828,6835938	3,846365452	24,07025528		15460560
17:22:22	46641,39844	828,6873779	3,837444305	24,07025528		15460625
17:22:27	46977,72656	828,6917114	3,831709385	24,07025528		15460690
17:22:32	47000,60156	828,7084351	3,83616972	24,06490898		15460755
17:22:37	46665,08984	828,6904297	3,847639799	24,06490898		15460820
17:22:42	46641,49219	828,6881714	3,837444305	24,05956078		15460885
17:22:47	46929,18359	828,6896362	3,832346678	24,05956078		15460950
17:22:52	46523,97656	828,6651611	3,847002506	24,05956078		15461015
17:22:57	46377,30469	828,7086182	3,846365452	24,06490898		15461079
17:23:02	46521,16797	828,7028809	3,839355946	24,05956078		15461144
17:23:07	46403,79297	828,6610107	3,849551439	24,05956078		15461208
17:23:12	46186,69922	828,684082	3,861658573	24,05956078		15461273
17:23:17	45828,58203	828,684082	3,872491121	24,05443573		15461336
17:23:22	45708,85938	828,663147	3,875040054	24,05443573		15461400
17:23:27	45803,51563	828,6885376	3,863569975	24,05443573		15461463
17:23:32	46090,66406	828,6959229	3,85528636	24,04908943		15461527
17:23:37	46282,44141	828,6932983	3,845728397	24,04908943		15461591
17:23:42	46450,48828	828,6810303	3,840630293	24,04908943		15461656
17:23:47	46856,84766	828,6886597	3,826611757	24,04908943		15461721
17:23:52	46857,97266	828,6980591	3,836807251	24,04396439		15461786
17:23:57	46857,96484	828,6923828	3,831709385	24,04396439		15461851
17:24:02	46905,43359	828,697998	3,831709385	24,04396439		15461916
17:24:07	46833,04688	828,7078247	3,830434799	24,04396439		15461981
17:24:12	46785,16797	828,7070923	3,837444305	24,04396439		15462046
17:24:17	46737,92969	828,7059937	3,841267824	24,04908943		15462111
17:24:22	46235,91016	828,6715088	3,859746933	24,04396439		15462175
17:24:27	45851,58984	828,6947632	3,871217012	24,04396439		15462239
17:24:32	45900,46484	828,6764526	3,86293292	24,04396439		15462303
17:24:37	46257,9375	828,7111816	3,848914385	24,04396439		15462367
17:24:42	46474,21484	828,6935425	3,843179226	24,04908943		15462431
17:24:47	46331,46484	828,6849365	3,849551439	24,04908943		15462496
17:24:52	46472,98828	828,6994629	3,83616972	24,04908943		15462560
17:24:57	46928,13281	828,7201538	3,827886105	24,04908943		15462625
17:25:02	47024,41016	828,7089233	3,829797745	24,04908943		15462690
17:25:07	47096,56641	828,6936646	3,828523159	24,04908943		15462756
17:25:12	46666,92969	828,6920776	3,844453812	24,04908943		15462821
17:25:17	46354,94922	828,6957397	3,852100372	24,04908943		15462885
17:25:22	46521,47656	828,7036133	3,837444305	24,04908943		15462950
17:25:27	46856,03125	828,7212524	3,825337172	24,04908943		15463015
17:25:32	47025,51563	828,6934204	3,828523159	24,04908943		15463080
17:25:37	46905,08984	828,7103882	3,836807251	24,04908943		15463145
17:25:42	46857,11719	828,6980591	3,83107233	24,04396439		15463210
17:25:47	46858,04297	828,7040405	3,836807251	24,04396439		15463275
17:25:52	46688,73047	828,7090454	3,839355946	24,04396439		15463340
17:25:57	46547,40234	828,6918335	3,847639799	24,04396439		15463405
17:26:02	46761,18359	828,7162476	3,83808136	24,03861618		15463470
17:26:07	46713,83594	828,6984863	3,834258318	24,03861618		15463535
17:26:12	46904,85938	828,7185059	3,831709385	24,03861618		15463600
17:26:17	46762,21484	828,7068481	3,838718891	24,03861618		15463665
17:26:22	46616,19922	828,7360229	3,845728397	24,03861618		15463730
17:26:27	46449,35547	828,7177124	3,846365452	24,03326988		15463794
17:26:32	46761,53125	828,708374	3,835532665	24,03326988		15463859
17:26:37	46929,76563	828,7075195	3,829797745	24,03326988		15463924
17:26:42	46857,41797	828,7138062	3,832346678	24,02792168		15463989
17:26:47	46857,38281	828,7145996	3,832983732	24,02792168		15464054
17:26:52	46738,4375	828,7095337	3,844453812	24,02279663		15464119
17:26:57	46401,72266	828,7271118	3,852100372	24,02279663		15464184
17:27:02	46402,50781	828,7192993	3,852100372	24,02279663		15464248
17:27:07	46377,85156	828,7283325	3,850825787	24,01767349		15464313
17:27:12	46426,00781	828,7120361	3,845090866	24,01767349		15464377
17:27:17	46690,4375	828,7115479	3,838718891	24,01767349		15464442
17:27:22	46904,68359	828,7293091	3,834258318	24,01767349		15464507
17:27:27	46642,74609	828,7019653	3,841904879	24,01767349		15464572
17:27:32	46833,47656	828,7208862	3,832346678	24,01767349		15464637
17:27:37	46952,80078	828,7458496	3,831709385	24,02279663		15464702
17:27:42	46593,91797	828,7202759	3,849551439	24,02279663		15464767
17:27:47	46402,46875	828,7229614	3,849551439	24,02279663		15464831
17:27:52	46738,46484	828,6986084	3,837444305	24,02279663		15464896
17:27:57	46809,66797	828,7158813	3,83808136	24,02279663		15464961
17:28:02	46619,62891	828,6925659	3,849551439	24,02792168		15465026
17:28:07	46425,01563	828,732666	3,849551439	24,02792168		15465091
17:28:12	46474,94531	828,7081299	3,849551439	24,02792168		15465155
17:28:17	46450,03906	828,727478	3,846365452	24,02279663		15465220
17:28:22	46761,82031	828,7035522	3,831709385	24,02279663		15465284
17:28:27	47097,36328	828,7069702	3,829797745	24,02279663		15465350
17:28:32	46904,59375	828,7321167	3,834258318	24,02279663		15465415
17:28:37	46859,17969	828,6947021	3,834258318	24,02279663		15465480
17:28:42	46834,78125	828,6843872	3,839355946	24,02279663		15465545
17:28:47	46595,07031	828,7008667	3,843179226	24,02792168		15465610
17:28:52	46544,80078	828,725647	3,845090866	24,02279663		15465675
17:28:57	46378,57813	828,7231445	3,850188732	24,02279663		15465739
17:29:02	46426,90625	828,7057495	3,848276854	24,02279663		15465803
17:29:07	46521,78125	828,7212524	3,839355946	24,02279663		15465868
17:29:12	46594,32031	828,710083	3,842541933	24,02279663		15465933
17:29:17	46474,09375	828,7130737	3,843179226	24,02279663		15465997
17:29:22	46737,47266	828,7122192	3,834895372	24,02279663		15466062
17:29:27	46737,52344	828,7154541	3,832983732	24,02279663		15466127
17:29:32	46929,05859	828,7146606	3,829160213	24,02279663		15466192
17:29:37	46786,46484	828,6989746	3,835532665	24,02279663		15466257
17:29:42	46640,15234	828,7341919	3,83616972	24,02279663		15466322
17:29:47	46736,69141	828,746646	3,841267824	24,01767349		15466387
17:29:52	46400,35156	828,751709	3,854649305	24,02279663		15466451
17:29:57	46280,66016	828,7420044	3,854649305	24,02279663		15466516
17:30:02	46374,6875	828,7869263	3,853374958	24,01767349		15466580

Consumo diesel Nehuenco II 02-02-2021

195MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	41.879,53	829,01	3,88	23,92		
DESVEST	87,4585	0,0665	0,0039	0,0733		
%DESVEST	0,2088%	0,0080%	0,1018%	0,3066%		
DATOS	721	721	721	721	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	1:00:00				CONSUMO [l/h]	41.898
						41.898,00
Tiempo	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]	TOT_GLOBAL_TG2	
18:00:02	41880,34766	828,9049683	3,877588987	24,03326988	15488081	
18:00:07	41977,36719	828,8880615	3,873765469	24,03326988	15488139	
18:00:12	41882,23828	828,8793945	3,877588987	24,03326988	15488198	
18:00:17	41713,76172	828,8884277	3,880774975	24,03326988	15488256	
18:00:22	41737,81641	828,8797607	3,877588987	24,03326988	15488313	
18:00:27	42025,42969	828,8988037	3,874403	24,03326988	15488372	
18:00:32	41810,50781	828,8805542	3,877588987	24,02792168	15488430	
18:00:37	41737,29297	828,9094849	3,879500628	24,02792168	15488488	
18:00:42	41808,89063	828,9138794	3,879500628	24,02792168	15488546	
18:00:47	41784,73828	828,9060669	3,878226042	24,02792168	15488604	
18:00:52	41906,22656	828,8729858	3,87631464	24,02792168	15488662	
18:00:57	41809,54297	828,8981934	3,878226042	24,03326988	15488720	
18:01:02	41856,77344	828,9211426	3,876951694	24,03326988	15488778	
18:01:07	42024,64453	828,9133301	3,872491121	24,03326988	15488837	
18:01:12	41954,46484	828,8765869	3,87631464	24,02792168	15488895	
18:01:17	41905,78125	828,8973389	3,878226042	24,02792168	15488953	
18:01:22	41905,80859	828,8882446	3,878226042	24,02792168	15489011	
18:01:27	41737,20313	828,911438	3,88013792	24,02792168	15489069	
18:01:32	41738,71875	828,8858643	3,878226042	24,02792168	15489127	
18:01:37	41951,60156	828,9172363	3,872491121	24,0279663	15489185	
18:01:42	42049,16797	828,9036865	3,869942427	24,02792168	15489244	
18:01:47	42048,98828	828,9016113	3,869305134	24,02792168	15489302	
18:01:52	41930,01172	828,8824463	3,87631464	24,03326988	15489361	
18:01:57	41762,30469	828,8780518	3,878226042	24,03326988	15489419	
18:02:02	41903,75781	828,9198608	3,873128414	24,03326988	15489477	
18:02:07	41833,8125	828,9006958	3,87631464	24,03326988	15489535	
18:02:12	41880,22656	828,9122925	3,872491121	24,02792168	15489593	
18:02:17	41857,41406	828,8980103	3,873128414	24,03326988	15489651	
18:02:22	41808,75781	828,9033203	3,876951694	24,03861618	15489709	
18:02:27	42024,84766	828,9039917	3,871217012	24,03861618	15489768	
18:02:32	42024,08203	828,9065552	3,873765469	24,03861618	15489826	
18:02:37	41761,39844	828,8900757	3,877588987	24,03861618	15489884	
18:02:42	41760,59766	828,9129639	3,877588987	24,03861618	15489942	
18:02:47	41784,32031	828,9071045	3,875677586	24,03861618	15490000	
18:02:52	41808,48047	828,8924561	3,873765469	24,03861618	15490058	
18:02:57	41857,69141	828,8936768	3,873765469	24,03861618	15490116	
18:03:02	41904,375	828,8986206	3,873128414	24,03861618	15490174	
18:03:07	41905,08984	828,8964844	3,873128414	24,03861618	15490233	
18:03:12	41881,85156	828,8882446	3,878226042	24,03861618	15490291	
18:03:17	41641,78516	828,8947144	3,878863573	24,03861618	15490349	
18:03:22	41785,20313	828,9053345	3,876951694	24,03861618	15490407	
18:03:27	41881,84375	828,8985596	3,874403	24,03861618	15490465	
18:03:32	41857,11719	828,8956299	3,877588987	24,04396439	15490523	
18:03:37	41929,27734	828,8950195	3,870579481	24,04396439	15490581	
18:03:42	42025,73828	828,8778076	3,869942427	24,03861618	15490640	
18:03:47	41857,44922	828,8799438	3,875040054	24,04396439	15490698	
18:03:52	41760,79688	828,897583	3,87631464	24,04396439	15490756	
18:03:57	41736,19141	828,8932495	3,874403	24,04396439	15490814	
18:04:02	41857,11719	828,9013062	3,875677586	24,04396439	15490872	
18:04:07	41833,14453	828,8927612	3,873128414	24,04396439	15490930	
18:04:12	41952,53125	828,8913574	3,871854067	24,04396439	15490988	
18:04:17	41929,38672	828,8943481	3,873765469	24,04396439	15491047	
18:04:22	41856,04297	828,916687	3,877588987	24,04396439	15491105	
18:04:27	41784,78906	828,9019165	3,876951694	24,03861618	15491163	
18:04:32	41831,75	828,9259644	3,873765469	24,03861618	15491221	
18:04:37	41906,07813	828,8873901	3,875040054	24,03861618	15491279	
18:04:42	41929,5	828,8901367	3,873128414	24,03861618	15491337	
18:04:47	41832,83984	828,911438	3,87631464	24,03326988	15491395	
18:04:52	41785,48438	828,8986816	3,876951694	24,03326988	15491453	
18:04:57	41928,56641	828,9078979	3,872491121	24,03326988	15491511	
18:05:02	41858,04297	828,8832397	3,875040054	24,03326988	15491570	
18:05:07	41856,66406	828,9144897	3,875677586	24,03326988	15491628	
18:05:12	41856,73438	828,9044189	3,870579481	24,03326988	15491686	
18:05:17	42000,14063	828,9191895	3,870579481	24,03326988	15491744	
18:05:22	41928,23047	828,9102173	3,875040054	24,03326988	15491803	
18:05:27	41737,85938	828,8996582	3,877588987	24,02792168	15491861	
18:05:32	41785,15625	828,9025269	3,873765469	24,02792168	15491919	
18:05:37	41857,93359	828,8901367	3,872491121	24,03326988	15491977	
18:05:42	41761,24219	828,9058838	3,878863573	24,03326988	15492035	
18:05:47	41736,79297	828,9091797	3,87631464	24,03326988	15492093	
18:05:52	41832,53516	828,9012451	3,871854067	24,03326988	15492151	
18:05:57	41951,14453	828,9164429	3,872491121	24,03861618	15492209	
18:06:02	42000,25	828,8946533	3,871854067	24,03326988	15492267	
18:06:07	41928,33984	828,9168091	3,875040054	24,02792168	15492326	
18:06:12	41665,95313	828,9052124	3,88013792	24,02792168	15492384	
18:06:17	41809,14453	828,9064331	3,879500628	24,03326988	15492442	
18:06:22	41928,63281	828,9155273	3,873128414	24,03326988	15492500	
18:06:27	41976,08984	828,9239502	3,871217012	24,03326988	15492558	
18:06:32	41929,20313	828,8907471	3,873765469	24,03326988	15492616	
18:06:37	41976,84375	828,921814	3,871854067	24,03326988	15492675	
18:06:42	42001,76953	828,8919067	3,871854067	24,02792168	15492733	
18:06:47	41975,80469	828,9208374	3,875677586	24,02792168	15492791	
18:06:52	41809,30859	828,9037476	3,876951694	24,02792168	15492849	
18:06:57	41857,16406	828,9014893	3,877588987	24,02792168	15492908	
18:07:02	41833,27344	828,8998413	3,877588987	24,02792168	15492966	
18:07:07	41904,97266	828,9018555	3,873765469	24,02792168	15493024	
18:07:12	41927,53516	828,9158325	3,871854067	24,02792168	15493082	
18:07:17	41928,85938	828,9169312	3,871854067	24,02792168	15493140	
18:07:22	41808,33984	828,9283447	3,873128414	24,02792168	15493198	
18:07:27	41856,23438	828,9272461	3,871854067	24,02792168	15493257	
18:07:32	41928,8125	828,9116821	3,871217012	24,0279663	15493315	
18:07:37	42024,14453	828,9190063	3,871854067	24,0279663	15493373	
18:07:42	41880,67969	828,9190674	3,876951694	24,0279663	15493431	
18:07:47	41761,34375	828,9118652	3,878863573	24,0279663	15493489	
18:07:52	41735,51172	828,9312744	3,876951694	24,0279663	15493547	
18:07:57	41832,00781	828,9400635	3,874403	24,0279663	15493606	
18:08:02	41857,16797	828,918335	3,875040054	24,0279663	15493664	
18:08:07	41832,14063	828,935791	3,873128414	24,01767349	15493722	
18:08:12	41808,50391	828,9231567	3,876951694	24,01767349	15493780	
18:08:17	41856,16016	828,9376221	3,876951694	24,01767349	15493838	
18:08:22	41856,73828	828,9230957	3,874403	24,00697708	15493896	
18:08:27	41976,84375	828,9246826	3,870579481	24,00697708	15493954	
18:08:32	42048,22656	828,9296875	3,870579481	24,00697708	15494013	
18:08:37	41880,38672	828,9364624	3,87631464	24,00697708	15494071	
18:08:42	41880,78516	828,9177246	3,870579481	24,00697708	15494129	
18:08:47	41857,45313	828,9130859	3,875677586	24,01232529	15494187	
18:08:52	41903,23047	828,947998	3,874403	24,01232529	15494245	
18:08:57	41999,86328	828,9408569	3,870579481	24,01232529	15494304	
18:09:02	41903,43359	828,9465332	3,875677586	24,01767349	15494362	
18:09:07	41880,09766	828,9215698	3,874403	24,01767349	15494420	
18:09:12	41929,26953	828,9196167	3,873765469	24,01767349	15494478	
18:09:17	42046,21094	828,9482422	3,868030548	24,01767349	15494536	
18:09:22	41976,65234	828,928833	3,871854067	24,01767349	15494595	
18:09:27	41880,47656	828,9290771	3,873765469	24,01232529	15494653	
18:09:32	41952,99219	828,9100952	3,872491121	24,01232529	15494711	
18:09:37	41903,48438	828,9439087	3,878226042	24,01232529	15494769	
18:09:42	41713,34375	828,9203491	3,882049561	24,01232529	15494827	
18:09:47	41712,85938	828,9208374	3,875040054	24,01232529	15494885	
18:09:52	41879,62891	828,9161377	3,873128414	24,01232529	15494944	
18:09:57	41976,19141	828,9226685	3,873765469	24,01232529	15495002	
18:10:02	41952,41797	828,9246826				

Consumo diesel Nehuenco II 02-02-2021

195MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	41.879,53	829,01	3,88	23,92		
DESVEST	87,4585	0,0665	0,0039	0,0733		
%DESVEST	0,2088%	0,0080%	0,1018%	0,3066%		
DATOS	721	721	721	721	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	1:00:00				CONSUMO [l/h]	41.898
						41.898,00
18:10:12	41855,24219	828,9518433	3,877588987	24,01232529		15495176
18:10:17	41713,27734	828,9144897	3,878226042	24,01232529		15495235
18:10:22	41855,36328	828,9459229	3,875677586	24,01232529		15495293
18:10:27	41832,28906	828,932251	3,874403	24,01232529		15495351
18:10:32	41902,98047	828,9556885	3,873765469	24,01232529		15495409
18:10:37	41928,07813	828,9327393	3,873765469	24,01232529		15495467
18:10:42	42023,93359	828,9328613	3,867393494	24,01232529		15495525
18:10:47	42048,12109	828,9249268	3,869942427	24,01232529		15495584
18:10:52	42119,46875	828,9285889	3,868668079	24,01232529		15495642
18:10:57	42121,05859	828,9150391	3,869305134	24,01232529		15495701
18:11:02	42071,64063	828,9387207	3,870579481	24,01232529		15495759
18:11:07	41809,02734	828,9279175	3,880774975	24,01232529		15495817
18:11:12	41833,12109	828,9187622	3,875677586	24,01232529		15495875
18:11:17	41855,94531	828,9302979	3,873128414	24,01232529		15495934
18:11:22	41832,375	828,9312744	3,874403	24,01232529		15495992
18:11:27	41953,12891	828,9046021	3,869942427	24,01232529		15496050
18:11:32	41880,97656	828,9286499	3,877588987	24,00697708		15496108
18:11:37	41713,38281	828,9199829	3,881412029	24,00697708		15496166
18:11:42	41688,73047	828,920166	3,878226042	24,00697708		15496224
18:11:47	41879,52344	828,9342651	3,871854067	24,01232529		15496282
18:11:52	41951,78125	828,9379272	3,875040054	24,01232529		15496340
18:11:57	41856,10156	828,9415283	3,873128414	24,00697708		15496398
18:12:02	41927,46094	828,9361572	3,873128414	24,00697708		15496457
18:12:07	41999,67578	828,9388428	3,869305134	24,00697708		15496515
18:12:12	42000,39063	828,9299927	3,872491121	24,00697708		15496573
18:12:17	41856,82813	828,9423828	3,87631464	24,00697708		15496632
18:12:22	41857,18359	828,9063721	3,876951694	24,00697708		15496690
18:12:27	41784,56641	828,9397583	3,875677586	24,00697708		15496748
18:12:32	41880,95703	828,927063	3,874403	24,00163078		15496806
18:12:37	41952,60547	828,9358521	3,871854067	24,00163078		15496864
18:12:42	42095,64453	828,9544067	3,871854067	24,00163078		15496922
18:12:47	41881,53906	828,9088135	3,87631464	24,00163078		15496981
18:12:52	41832,50781	828,9406128	3,879500628	24,00163078		15497039
18:12:57	41832,76172	828,934021	3,878863573	24,00163078		15497097
18:13:02	41905,48047	828,9186401	3,875040054	24,00163078		15497155
18:13:07	41760,29297	828,9398804	3,87631464	24,00163078		15497213
18:13:12	41762,45313	828,9180298	3,878863573	24,00163078		15497271
18:13:17	41737,80859	828,9182129	3,876951694	24,00697708		15497329
18:13:22	41855,6875	828,9425049	3,874403	24,01232529		15497387
18:13:27	42048,71094	828,9224243	3,869305134	24,00697708		15497446
18:13:32	42047,26172	828,9553833	3,875040054	24,00163078		15497504
18:13:37	41857,14844	828,9240723	3,876951694	24,00163078		15497562
18:13:42	41855,15625	828,9657593	3,877588987	24,00697708		15497620
18:13:47	41975,86328	828,9494629	3,872491121	24,00697708		15497679
18:13:52	41952,36328	828,9332886	3,873128414	24,00697708		15497737
18:13:57	41976,41016	828,9313965	3,875677586	24,00697708		15497795
18:14:02	41712,10547	828,9478149	3,88013792	24,00163078		15497854
18:14:07	41712,82422	828,9359131	3,884598494	24,00163078		15497911
18:14:12	41689,78516	828,9133301	3,88013792	24,00163078		15497969
18:14:17	41855,89453	828,9371338	3,873128414	24,00163078		15498027
18:14:22	42024,55859	828,9251709	3,869942427	24,00163078		15498086
18:14:27	41976,73047	828,930481	3,875040054	24,00163078		15498144
18:14:32	41809,71484	828,9118652	3,878226042	24,00163078		15498202
18:14:37	41735,75391	828,9584351	3,879500628	24,00163078		15498260
18:14:42	41761,16406	828,9227905	3,878226042	23,99650574		15498318
18:14:47	41929,00391	828,9255371	3,875040054	23,99650574		15498376
18:14:52	41928,71875	828,9365845	3,87631464	23,99650574		15498435
18:14:57	42022,52734	828,9690552	3,870579481	23,99650574		15498493
18:15:02	42048,23828	828,9459229	3,873128414	23,99650574		15498551
18:15:07	41927,72266	828,9631348	3,878226042	23,99650574		15498610
18:15:12	41735,48438	828,9661255	3,878863573	23,99650574		15498668
18:15:17	41831,99219	828,9445801	3,876951694	23,99650574		15498726
18:15:22	41832,67578	828,944397	3,873765469	23,99650574		15498784
18:15:27	41952,15625	828,9369507	3,871854067	23,99650574		15498842
18:15:32	41904,33594	828,9404907	3,873128414	23,99650574		15498900
18:15:37	41855,79297	828,9686889	3,875677586	23,99650574		15498958
18:15:42	41880,30469	828,9460449	3,875040054	23,99650574		15499016
18:15:47	41855,89453	828,9458618	3,877588987	23,99650574		15499075
18:15:52	41833,08594	828,9415894	3,880774975	23,99650574		15499133
18:15:57	41758,89844	828,9783325	3,878226042	23,99650574		15499191
18:16:02	41854,78125	828,9770508	3,88013792	24,00163078		15499249
18:16:07	41807,34375	828,9626465	3,878226042	24,00163078		15499307
18:16:12	41831,21484	828,9578857	3,876951694	24,00163078		15499365
18:16:17	41831,29688	828,9632568	3,875677586	24,00163078		15499423
18:16:22	41855,28516	828,9696045	3,876951694	24,00163078		15499481
18:16:27	41855,94141	828,953064	3,87631464	23,99650574		15499539
18:16:32	41998,87109	828,9609985	3,870579481	23,99650574		15499597
18:16:37	42024,80078	828,928894	3,873765469	23,99650574		15499655
18:16:42	41999,89453	828,953125	3,874403	23,99650574		15499714
18:16:47	41833,14844	828,9382324	3,88013792	23,99115753		15499772
18:16:52	41711,85547	828,9529419	3,883324146	23,99115753		15499830
18:16:57	41785,10938	828,9510498	3,877588987	23,98603249		15499888
18:17:02	41975,57422	828,9805908	3,875040054	23,98068619		15499946
18:17:07	42118,89063	828,9735107	3,868668079	23,98068619		15500005
18:17:12	41927,63672	828,9630737	3,875677586	23,98068619		15500063
18:17:17	41878,99219	828,9856567	3,87631464	23,98068619		15500121
18:17:22	41903,97656	828,9572144	3,87631464	23,98068619		15500180
18:17:27	41855,25	828,97052	3,880774975	23,98068619		15500238
18:17:32	41831,63672	828,9631958	3,878226042	23,97533798		15500296
18:17:37	41903,27734	828,958313	3,873128414	23,97533798		15500354
18:17:42	41856,46094	828,9579468	3,878226042	23,97533798		15500412
18:17:47	41712,92969	828,9489746	3,88013792	23,97533798		15500470
18:17:52	41808,69531	828,9581299	3,879500628	23,97533798		15500528
18:17:57	41783,78125	828,9741821	3,876951694	23,97021294		15500586
18:18:02	41831,50391	828,9814453	3,874403	23,97021294		15500644
18:18:07	41902,17578	829,001709	3,87631464	23,97021294		15500703
18:18:12	41831,51563	828,9762573	3,876951694	23,97021294		15500761
18:18:17	41881,08984	828,9527588	3,875040054	23,95974159		15500819
18:18:22	41999,13672	828,9785767	3,872491121	23,95439339		15500877
18:18:27	42000,04297	828,9811401	3,871217012	23,95439339		15500936
18:18:32	42095,89844	828,9783325	3,871217012	23,95439339		15500994
18:18:37	41903,79297	828,9848633	3,877588987	23,95439339		15501052
18:18:42	41806,90625	828,996582	3,88013792	23,95439339		15501110
18:18:47	41712,36719	828,9580078	3,878863573	23,95439339		15501168
18:18:52	41832,3125	828,9799194	3,877588987	23,95439339		15501226
18:18:57	41831,27344	828,994873	3,875040054	23,95439339		15501284
18:19:02	41855,80859	828,9846191	3,877588987	23,95439339		15501343
18:19:07	41951,89844	828,9849243	3,875040054	23,95439339		15501401
18:19:12	41951,95313	828,9857788	3,873765469	23,95439339		15501459

Consumo diesel Nehuenco II 02-02-2021

195MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	41.879,53	829,01	3,88	23,92		
DESVEST	87,4585	0,0665	0,0039	0,0733		
%DESVEST	0,2088%	0,0080%	0,1018%	0,3066%		
DATOS	721	721	721	721	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	1:00:00				CONSUMO [l/h]	41.898 41.898,00
18:20:27	41975,55078	828,9917603	3,874403	23,94392204		15502332
18:20:32	41976,46484	828,9705811	3,875677586	23,94392204		15502391
18:20:37	41928,94141	828,9832153	3,87631464	23,93857384		15502449
18:20:42	41856,59375	828,9815063	3,873765469	23,93857384		15502507
18:20:47	41952,21484	829,0001831	3,87631464	23,93857384		15502565
18:20:52	41928,66016	828,9866943	3,876951694	23,93857384		15502623
18:20:57	41879,50781	829,0155029	3,875677586	23,93857384		15502682
18:21:02	41927,60156	828,9980469	3,879500628	23,94392204		15502740
18:21:07	41783,57813	829,0024414	3,882686615	23,94392204		15502798
18:21:12	41904,21094	828,9874268	3,877588987	23,93857384		15502856
18:21:17	41903,58203	828,9883423	3,87631464	23,94392204		15502914
18:21:22	41976,12891	828,9786987	3,877588987	23,94392204		15502973
18:21:27	41904,35938	828,980896	3,88013792	23,93857384		15503031
18:21:32	41808,31641	828,9962769	3,876951694	23,93857384		15503089
18:21:37	41929,12109	828,9748535	3,873765469	23,93857384		15503147
18:21:42	42048,18359	828,9866943	3,875040054	23,9334507		15503205
18:21:47	42000,53125	828,9906616	3,875677586	23,9334507		15503264
18:21:52	41977,59375	828,9765625	3,875040054	23,9334507		15503322
18:21:57	41926,60938	828,9968262	3,874403	23,9334507		15503380
18:22:02	41904,69922	828,9968872	3,879500628	23,9334507		15503438
18:22:07	41736,72266	828,9802246	3,883961201	23,9334507		15503496
18:22:12	41807,94531	828,9946899	3,878226042	23,9334507		15503554
18:22:17	42000,39453	828,982666	3,874403	23,93857384		15503613
18:22:22	42047,95313	828,9851074	3,875677586	23,93857384		15503671
18:22:27	41904,77734	828,9758301	3,875040054	23,9334507		15503729
18:22:32	41879,84375	828,9944458	3,876951694	23,93857384		15503787
18:22:37	41927,62891	829,0135498	3,877588987	23,93857384		15503846
18:22:42	41904,95703	828,991333	3,878226042	23,93857384		15503904
18:22:47	41952,17188	828,9823608	3,878226042	23,94392204		15503962
18:22:52	41855,11719	829,0045776	3,878226042	23,94392204		15504020
18:22:57	41784,10156	828,9915771	3,88013792	23,94392204		15504078
18:23:02	41831,39844	828,9987183	3,879500628	23,94392204		15504137
18:23:07	41809,03125	828,9769287	3,881412029	23,93857384		15504195
18:23:12	41807,63672	828,9995728	3,878863573	23,93857384		15504253
18:23:17	41856,125	828,9769287	3,875677586	23,93857384		15504311
18:23:22	42023,35938	829,0012207	3,874403	23,93857384		15504369
18:23:27	41759,92188	828,996521	3,885872602	23,93857384		15504427
18:23:32	41735,80859	829,0010376	3,880774975	23,93857384		15504485
18:23:37	41974,45703	829,0140991	3,875677586	23,93857384		15504543
18:23:42	41977,19531	828,9650269	3,875040054	23,93857384		15504602
18:23:47	41976,28125	828,9787598	3,876951694	23,93857384		15504660
18:23:52	41880,48047	828,9833984	3,878226042	23,93857384		15504718
18:23:57	41879,88672	828,9918213	3,879500628	23,93857384		15504776
18:24:02	41880,48047	828,9923096	3,878226042	23,93857384		15504834
18:24:07	41832,79688	828,9863892	3,878226042	23,93857384		15504893
18:24:12	42023,22266	829,0039673	3,873765469	23,93857384		15504951
18:24:17	41999,98047	828,986084	3,878226042	23,93857384		15505009
18:24:22	41879,27344	829,0081787	3,88013792	23,93857384		15505067
18:24:27	41928,72656	828,9796753	3,87631464	23,93857384		15505125
18:24:32	41904,21875	828,9899902	3,876951694	23,93857384		15505184
18:24:37	41857,33594	828,9564209	3,878863573	23,9334507		15505242
18:24:42	41856,37891	828,9981689	3,880774975	23,9334507		15505300
18:24:47	41928,89453	828,9798584	3,878226042	23,9334507		15505358
18:24:52	41832,55469	828,9918213	3,880774975	23,9334507		15505416
18:24:57	41903,98438	829,0013428	3,877588987	23,9334507		15505474
18:25:02	41950,83203	829,0152588	3,875040054	23,9334507		15505533
18:25:07	41926,99219	829,0131226	3,878863573	23,9334507		15505591
18:25:12	41784,40625	828,9902954	3,878226042	23,9334507		15505649
18:25:17	41879,36719	828,9921265	3,88013792	23,9334507		15505707
18:25:22	41999,91797	828,9974976	3,875040054	23,9334507		15505765
18:25:27	41999,86719	828,9852295	3,873765469	23,9334507		15505824
18:25:32	41855,26172	829,0145264	3,878863573	23,93857384		15505882
18:25:37	41760,80078	828,9883423	3,880774975	23,9334507		15505940
18:25:42	41784,26172	828,9926147	3,878226042	23,9334507		15505998
18:25:47	41952,05859	828,9763794	3,874403	23,9334507		15506056
18:25:52	41976,27734	828,9872437	3,87631464	23,9334507		15506115
18:25:57	41975,54297	828,9988403	3,876951694	23,92810249		15506173
18:26:02	41879,71484	828,9988403	3,878863573	23,9334507		15506231
18:26:07	41951,78125	828,9959717	3,875040054	23,9334507		15506289
18:26:12	41807,76563	829,0165405	3,880774975	23,92810249		15506347
18:26:17	41759,99609	829,0161133	3,880774975	23,92810249		15506406
18:26:22	41879,51172	829,0090942	3,876951694	23,92810249		15506464
18:26:27	41808,59766	828,9977417	3,878863573	23,92810249		15506522
18:26:32	41903,11719	829,0231323	3,873765469	23,92810249		15506580
18:26:37	42046,23828	829,0099487	3,873765469	23,92810249		15506638
18:26:42	41976,875	828,9795532	3,877588987	23,92810249		15506697
18:26:47	41928,51563	829,001177	3,878226042	23,92810249		15506755
18:26:52	41927,28906	829,026001	3,874403	23,91763115		15506813
18:26:57	41976,45703	828,9960327	3,87631464	23,91763115		15506871
18:27:02	41904,00391	829,0178833	3,880774975	23,91763115		15506930
18:27:07	41856,39063	828,9984131	3,878226042	23,91763115		15506988
18:27:12	41880,42578	828,9959717	3,87631464	23,91763115		15507046
18:27:17	41929,02344	829,0041504	3,878226042	23,91763115		15507104
18:27:22	41807,19922	829,0256958	3,878863573	23,91763115		15507162
18:27:27	41904,36719	829,0020142	3,875677586	23,91763115		15507220
18:27:32	41927,19141	829,0180054	3,878226042	23,91763115		15507279
18:27:37	41951,94531	829,0157471	3,878226042	23,91763115		15507337
18:27:42	41856,30859	829,0020142	3,882686615	23,91763115		15507395
18:27:47	41712,86328	828,9975586	3,883324146	23,91763115		15507453
18:27:52	41855,59375	829,0142212	3,879500628	23,91763115		15507511
18:27:57	41927,25391	829,0109863	3,875040054	23,91763115		15507569
18:28:02	41928,77344	828,9955444	3,877588987	23,91763115		15507628
18:28:07	41951,69141	829,0100098	3,877588987	23,91763115		15507686
18:28:12	41878,85547	829,0263672	3,879500628	23,91763115		15507744
18:28:17	41855,85938	829,0182495	3,879500628	23,91763115		15507802
18:28:22	41902,50391	829,022522	3,878226042	23,91763115		15507860
18:28:27	41951,78125	829,0151978	3,877588987	23,91763115		15507919
18:28:32	41807,87109	829,0172119	3,883324146	23,91763115		15507977
18:28:37	41854,92578	829,0291748	3,878863573	23,91763115		15508035
18:28:42	42023,75	829,0151367	3,873765469	23,91763115		15508093
18:28:47	41999,3125	829,0293579	3,880774975	23,91763115		15508151
18:28:52	41831,86719	829,0189819	3,88013792	23,91228294		15508210
18:28:57	41927,17188	829,0291748	3,87631464	23,91228294		15508268
18:29:02	41904,09375	829,0074463	3,88013792	23,91228294		15508326
18:29:07	41758,94922	829,0428467	3,882049561	23,9071579		15508384
18:29:12	41784,84375	829,0054932	3,885235548	23,9071579		15508442
18:29:17	41831,95313	829,0147095	3,878863573	23,91228294		15508500
18:29:22	42070,90625	829,0352783	3,871217012	23,91228294		15508559
18:29:27	42095,24219	829,0154419	3,873128414	23,91228294		15508617
18:29:32	41928,97266	829,0002441	3,880			

Consumo diesel Nehuenco II 02-02-2021 195MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	41.879,53	829,01	3,88	23,92		
DESV EST	87,4585	0,0665	0,0039	0,0733		
%DESV EST	0,2088%	0,0080%	0,1018%	0,3066%		
DATOS	721	721	721	721	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	1:00:00				CONSUMO [l/h]	41.898
18:30:42	41999,80469	829,0167847	3,875677586	23,9018116		15509490
18:30:47	41880,77344	829,0198975	3,883324146	23,9018116		15509548
18:30:52	41974,80469	829,0473022	3,87631464	23,9018116		15509607
18:30:57	41952,64844	829,0274658	3,881412029	23,9018116		15509665
18:31:02	41856,44531	829,0172119	3,882049561	23,9018116		15509723
18:31:07	41928,40625	829,012146	3,88013792	23,9018116		15509781
18:31:12	41952,33594	829,0272217	3,880774975	23,9018116		15509839
18:31:17	41855,91406	829,0220947	3,879500628	23,9018116		15509898
18:31:22	41808,07031	829,0192871	3,885235548	23,89646339		15509956
18:31:27	41951,29297	829,0524902	3,877588987	23,89646339		15510014
18:31:32	41999,55469	829,03302	3,87631464	23,89111519		15510072
18:31:37	42000,15234	829,0240479	3,88013792	23,89111519		15510131
18:31:42	41808,17969	829,0231323	3,882686615	23,89111519		15510189
18:31:47	41783,34766	829,0465088	3,884598494	23,89111519		15510247
18:31:52	41735,35547	829,0500488	3,886510134	23,89111519		15510305
18:31:57	41783,92969	829,0240479	3,879500628	23,89111519		15510363
18:32:02	41927,26172	829,046814	3,876951694	23,89111519		15510421
18:32:07	41880,04297	829,0391235	3,88013792	23,88599205		15510479
18:32:12	41832,88281	829,0196533	3,878863573	23,88599205		15510537
18:32:17	41880,25	829,0233765	3,88013792	23,88599205		15510595
18:32:22	41855,26563	829,038147	3,882686615	23,88599205		15510654
18:32:27	41832,26563	829,0317383	3,882686615	23,88599205		15510712
18:32:32	41855,87109	829,039917	3,881412029	23,88599205		15510770
18:32:37	41879,48438	829,0415649	3,878863573	23,88599205		15510828
18:32:42	41975,48047	829,0368652	3,878863573	23,88599205		15510886
18:32:47	41855,11719	829,0455322	3,878226042	23,89111519		15510944
18:32:52	41927,69531	829,0323486	3,880774975	23,89111519		15511002
18:32:57	41855,47266	829,0428467	3,880774975	23,89111519		15511061
18:33:02	41760,62891	829,0041504	3,883961201	23,89111519		15511119
18:33:07	41807,59766	829,0372925	3,882686615	23,88599205		15511177
18:33:12	41952,54688	829,0240479	3,880774975	23,88599205		15511235
18:33:17	41928,44922	829,0217896	3,881412029	23,880867		15511293
18:33:22	41904,25781	829,0224609	3,879500628	23,880867		15511351
18:33:27	41928,48047	829,0317383	3,879500628	23,880867		15511410
18:33:32	41976,24609	829,0366211	3,876951694	23,880867		15511468
18:33:37	41928,03516	829,0469971	3,878226042	23,880867		15511526
18:33:42	41807,72266	829,0523682	3,880774975	23,880867		15511584
18:33:47	41784,56641	829,0197754	3,883324146	23,88599205		15511642
18:33:52	41855,97266	829,0406494	3,88013792	23,88599205		15511700
18:33:57	41975,92578	829,022644	3,878226042	23,88599205		15511759
18:34:02	42023,6875	829,0348511	3,876951694	23,88599205		15511817
18:34:07	41902,96875	829,0591431	3,879500628	23,88599205		15511875
18:34:12	41951,99219	829,034729	3,876951694	23,88599205		15511933
18:34:17	41878,99609	829,0526123	3,879500628	23,880867		15511992
18:34:22	41975,59766	829,0252686	3,877588987	23,880867		15512050
18:34:27	41903,85156	829,0279541	3,879500628	23,880867		15512108
18:34:32	41832,48828	829,0307007	3,880774975	23,880867		15512166
18:34:37	41735,39453	829,052124	3,885235548	23,880867		15512224
18:34:42	41735,53516	829,038269	3,879500628	23,88599205		15512282
18:34:47	41855,47266	829,0316162	3,880774975	23,89111519		15512340
18:34:52	41806,96094	829,0631104	3,88013792	23,89111519		15512398
18:34:57	41975,30078	829,0425415	3,87631464	23,89111519		15512457
18:35:02	42071,36719	829,0317993	3,874403	23,88599205		15512515
18:35:07	41951,88672	829,0401001	3,88013792	23,88599205		15512573
18:35:12	41854,69922	829,0489502	3,88013792	23,88599205		15512631
18:35:17	41879,36328	829,0552979	3,879500628	23,88599205		15512690
18:35:22	41879,38281	829,0324707	3,882049561	23,88599205		15512748
18:35:27	41808,38281	829,0326538	3,882049561	23,88599205		15512806
18:35:32	41902,86328	829,0533447	3,878863573	23,88599205		15512864
18:35:37	41880,69141	829,0367432	3,880774975	23,88599205		15512922
18:35:42	41952,47266	829,0459595	3,878863573	23,88599205		15512980
18:35:47	41879,31641	829,0500488	3,877588987	23,88599205		15513039
18:35:52	41902,41797	829,0535278	3,877588987	23,88599205		15513097
18:35:57	41879,63672	829,0443115	3,88013792	23,88599205		15513155
18:36:02	41759,77344	829,0387573	3,883961201	23,880867		15513213
18:36:07	41782,65234	829,0560913	3,881412029	23,88599205		15513271
18:36:12	41927,20703	829,0450439	3,880774975	23,88599205		15513329
18:36:17	41902,72656	829,0536499	3,88013792	23,880867		15513387
18:36:22	41903,55859	829,0502319	3,883324146	23,880867		15513446
18:36:27	41759,87891	829,0410767	3,882686615	23,880867		15513504
18:36:32	41855,30859	829,045166	3,879500628	23,88599205		15513562
18:36:37	41903,98438	829,0255127	3,877588987	23,88599205		15513620
18:36:42	41999,52344	829,0467529	3,87631464	23,88599205		15513678
18:36:47	41831,01563	829,0531006	3,882049561	23,88599205		15513736
18:36:52	41711,26172	829,0473633	3,885872602	23,88599205		15513794
18:36:57	41734,96875	829,0465088	3,882049561	23,88599205		15513852
18:37:02	42023,99219	829,0339966	3,877588987	23,88599205		15513910
18:37:07	41999,88672	829,0308838	3,88013792	23,88599205		15513969
18:37:12	41806,97266	829,0462646	3,883324146	23,88599205		15514027
18:37:17	41687,96484	829,0504761	3,883324146	23,88599205		15514085
18:37:22	41783,37109	829,0527954	3,880774975	23,88599205		15514143
18:37:27	41879,39453	829,0216064	3,880774975	23,88599205		15514201
18:37:32	41951,69531	829,0307617	3,879500628	23,88599205		15514259
18:37:37	41952,00391	829,0316162	3,879500628	23,88599205		15514317
18:37:42	41855,06641	829,0548096	3,88013792	23,88599205		15514376
18:37:47	41902,65625	829,0524292	3,880774975	23,88599205		15514434
18:37:52	41878,48047	829,0455933	3,880774975	23,88599205		15514492
18:37:57	41806,44531	829,0499268	3,882049561	23,88599205		15514550
18:38:02	41856,08203	829,0393677	3,880774975	23,88599205		15514608
18:38:07	41783,72266	829,0318604	3,883324146	23,89111519		15514667
18:38:12	41903,64844	829,050415	3,878226042	23,89111519		15514725
18:38:17	41926,51563	829,0621948	3,878863573	23,88599205		15514783
18:38:22	42022,71875	829,0604248	3,875677586	23,880867		15514841
18:38:27	42047,82813	829,0311279	3,878226042	23,880867		15514900
18:38:32	42022,90625	829,050415	3,87631464	23,880867		15514958
18:38:37	41928,44141	829,0344849	3,880774975	23,880867		15515016
18:38:42	41854,95703	829,0545654	3,883324146	23,880867		15515074
18:38:47	41711,42969	829,0466309	3,886510134	23,880867		15515132
18:38:52	41784,36719	829,0419922	3,882049561	23,880867		15515190
18:38:57	41927,28125	829,0466919	3,878226042	23,880867		15515248
18:39:02	41975,75	829,0371704	3,875677586	23,880867		15515307
18:39:07	42023,64453	829,0345459	3,877588987	23,880867		15515365
18:39:12	41783,89063	829,0286865	3,883961201	23,88599205		15515423
18:39:17	41879,02734	829,0501099	3,880774975	23,89111519		15515481
18:39:22	41879,72266	829,0436401	3,882686615	23,88599205		15515540
18:39:27	41688,96094	829,0355835	3,887147188	23,88599205		15515598
18:39:32	41808,05859	829,0283813	3,88013792	23,88599205		15515656
18:39:37	41903,41797	829,0483398	3,88013792	23,88599205		15515714
18:39:42	41880,46094	829,026062	3,882049561	23,88599205		15515772
18:39:47	41783,51563	829,0496216	3,883324146	23,88599205		15515830

Consumo diesel Nehuenco II 02-02-2021 195MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]			
PROMEDIO	41.879,53	829,01	3,88	23,92			
DESVEST	87,4585	0,0665	0,0039	0,0733			
%DESVEST	0,2088%	0,0080%	0,1018%	0,3066%			
DATOS	721	721	721	721	TOT_GLOBAL_TG2 [l]	[l/h]	
DURACIÓN	1:00:00				CONSUMO [l/h]	41.898	41.898,00
18:40:57	41759,05469	829,0594482	3,887147188	23,8755188		15516644	
18:41:02	41902,60938	829,0549316	3,879500628	23,8755188		15516703	
18:41:07	41999,60547	829,0594482	3,878226042	23,8755188		15516761	
18:41:12	41927,78516	829,0401001	3,879500628	23,880867		15516819	
18:41:17	41759,24609	829,0477295	3,882049561	23,880867		15516877	
18:41:22	41783,19922	829,069519	3,883324146	23,8755188		15516935	
18:41:27	41831,62891	829,050415	3,880774975	23,8755188		15516993	
18:41:32	41807,78516	829,0518799	3,883961201	23,8755188		15517052	
18:41:37	41878,87109	829,0603638	3,878863573	23,8755188		15517110	
18:41:42	41998,0625	829,0688477	3,87631464	23,8701725		15517168	
18:41:47	41975,67578	829,0623169	3,882049561	23,8648243		15517226	
18:41:52	41926,25391	829,0776367	3,88013792	23,8648243		15517285	
18:41:57	41975,26563	829,0697021	3,877588987	23,8648243		15517343	
18:42:02	41927,77734	829,0491333	3,877588987	23,8648243		15517401	
18:42:07	41808,44141	829,0593872	3,885235548	23,8648243		15517459	
18:42:12	41831,01172	829,0609741	3,881412029	23,8648243		15517517	
18:42:17	41902,88672	829,0715332	3,879500628	23,8648243		15517576	
18:42:22	41856,01172	829,0601807	3,880774975	23,8648243		15517634	
18:42:27	41855,73047	829,0568237	3,880774975	23,8648243		15517692	
18:42:32	41927,36719	829,0529785	3,878863573	23,8648243		15517750	
18:42:37	41878,74609	829,0598755	3,88013792	23,8648243		15517808	
18:42:42	41759,22266	829,0636597	3,884598494	23,8648243		15517866	
18:42:47	41734,88281	829,0610352	3,882686615	23,8648243		15517924	
18:42:52	41927,05859	829,0600586	3,87631464	23,8648243		15517982	
18:42:57	42023,69141	829,0611572	3,87631464	23,85969925		15518041	
18:43:02	41925,86328	829,0689697	3,880774975	23,85969925		15518099	
18:43:07	41831,90234	829,0639648	3,88013792	23,85969925		15518157	
18:43:12	41904,00391	829,0504761	3,878863573	23,8648243		15518215	
18:43:17	41879,31641	829,0668335	3,879500628	23,8648243		15518274	
18:43:22	41904,20703	829,057312	3,880774975	23,85969925		15518332	
18:43:27	41831,50781	829,0579834	3,883324146	23,85969925		15518390	
18:43:32	41880,42188	829,0495605	3,880774975	23,8545742		15518448	
18:43:37	41855,15625	829,0720215	3,879500628	23,8545742		15518506	
18:43:42	41927,44531	829,072998	3,88013792	23,8545742		15518564	
18:43:47	41831,83594	829,0651855	3,883961201	23,8545742		15518623	
18:43:52	41976,26172	829,0402832	3,876951694	23,8545742		15518681	
18:43:57	41952,38281	829,052063	3,880774975	23,8545742		15518739	
18:44:02	41879,91016	829,0581665	3,882049561	23,8545742		15518797	
18:44:07	41902,95703	829,0787964	3,878863573	23,8545742		15518855	
18:44:12	41831,59766	829,0610962	3,885235548	23,8545742		15518914	
18:44:17	41639,90625	829,0504761	3,886510134	23,85969925		15518971	
18:44:22	41903,08203	829,0708008	3,878863573	23,85969925		15519029	
18:44:27	41928,21094	829,0578003	3,878226042	23,85969925		15519088	
18:44:32	41951,30469	829,0610352	3,879500628	23,85969925		15519146	
18:44:37	42047,46484	829,0602417	3,879500628	23,85969925		15519204	
18:44:42	41927,16797	829,0738525	3,88013792	23,85969925		15519263	
18:44:47	41998,64453	829,0692139	3,878863573	23,85969925		15519321	
18:44:52	41902,74219	829,0800781	3,884598494	23,8648243		15519379	
18:44:57	41830,63672	829,0604858	3,881412029	23,8648243		15519437	
18:45:02	41831,52734	829,0700073	3,883324146	23,8648243		15519495	
18:45:07	41879,9375	829,0482178	3,882049561	23,8648243		15519554	
18:45:12	41927,92578	829,0575562	3,879500628	23,8648243		15519612	
18:45:17	41951,42969	829,0507813	3,876951694	23,8648243		15519670	
18:45:22	42070,58594	829,069397	3,876951694	23,85969925		15519728	
18:45:27	41974,66797	829,0765381	3,878863573	23,85969925		15519787	
18:45:32	41807,44922	829,0606079	3,883324146	23,85969925		15519845	
18:45:37	41759,60156	829,0681763	3,881412029	23,85969925		15519903	
18:45:42	41999,44141	829,0620117	3,876951694	23,85969925		15519961	
18:45:47	41878,19922	829,0786743	3,882686615	23,85969925		15520019	
18:45:52	41687,71875	829,05896	3,885872602	23,85969925		15520077	
18:45:57	41877,76172	829,1044922	3,88013792	23,8545742		15520135	
18:46:02	42022,57813	829,078125	3,877588987	23,8545742		15520211	
18:46:07	41832,01563	829,0700684	3,882049561	23,8545742		15520269	
18:46:12	41879,05469	829,0775757	3,883324146	23,8545742		15520328	
18:46:17	41831,40625	829,0725708	3,883324146	23,8545742		15520386	
18:46:22	41832,33984	829,0671997	3,884598494	23,85969925		15520444	
18:46:27	41854,73047	829,0820923	3,88013792	23,85969925		15520502	
18:46:32	41951,17969	829,0615845	3,877588987	23,85969925		15520560	
18:46:37	41878,94531	829,0684204	3,878863573	23,85969925		15520618	
18:46:42	41877,91016	829,0877686	3,881412029	23,85969925		15520677	
18:46:47	41830,94922	829,0591431	3,880774975	23,85969925		15520735	
18:46:52	41808,64453	829,0428467	3,885872602	23,85969925		15520793	
18:46:57	41927,04688	829,0639038	3,875040054	23,85969925		15520851	
18:47:02	41880,10156	829,0473022	3,880774975	23,85969925		15520909	
18:47:07	41782,53906	829,0821533	3,885235548	23,85969925		15520967	
18:47:12	41878,26563	829,0858154	3,880774975	23,85969925		15521025	
18:47:17	41950,59766	829,0682373	3,878863573	23,85969925		15521084	
18:47:22	41974,64844	829,0670776	3,88013792	23,85969925		15521142	
18:47:27	41855,80859	829,0665894	3,884598494	23,85969925		15521200	
18:47:32	41855,25	829,071228	3,881412029	23,85969925		15521258	
18:47:37	41926,12891	829,0808716	3,879500628	23,85969925		15521316	
18:47:42	41928,13672	829,0518188	3,882049561	23,85969925		15521375	
18:47:47	41806,66016	829,0726318	3,883961201	23,85969925		15521433	
18:47:52	41974,32422	829,0879517	3,878863573	23,85969925		15521491	
18:47:57	41998,51172	829,0960693	3,878226042	23,85969925		15521549	
18:48:02	41854,26953	829,0871582	3,881412029	23,85969925		15521607	
18:48:07	41830,13281	829,0804443	3,882049561	23,85969925		15521665	
18:48:12	41807,85156	829,0623779	3,879500628	23,8545742		15521724	
18:48:17	41975,19141	829,0574951	3,87631464	23,84922791		15521782	
18:48:22	41879,54688	829,0613403	3,883961201	23,84922791		15521840	
18:48:27	41807,39063	829,0705566	3,882686615	23,8545742		15521898	
18:48:32	41808,07813	829,0395508	3,882049561	23,8545742		15521956	
18:48:37	41830,67969	829,0874023	3,882686615	23,85969925		15522014	
18:48:42	41878,48828	829,0765381	3,876951694	23,85969925		15522072	
18:48:47	41951,14063	829,0645752	3,877588987	23,85969925		15522131	
18:48:52	41999,0625	829,0664673	3,878226042	23,85969925		15522189	
18:48:57	41853,58594	829,0931396	3,881412029	23,85969925		15522247	
18:49:02	41782,80078	829,0635376	3,882686615	23,85969925		15522305	
18:49:07	41903,0625	829,0637207	3,881412029	23,85969925		15522363	
18:49:12	41807,125	829,0546875	3,882686615	23,85969925		15522421	
18:49:17	41854,49219	829,0863037	3,88013792	23,8648243		15522480	
18:49:22	41902,83984	829,0731812	3,880774975	23,85969925		15522538	
18:49:27	41950,42188	829,0825195	3,881412029	23,85969925		15522596	
18:49:32	41975,60547	829,0578613	3,87631464	23,8545742		15522654	
18:49:37	41951,05859	829,0997314	3,882686615	23,8545742		15522713	
18:49:42	41734,27734	829,0950317	3,888421535	23,8545742		15522771	
18:49:47	41735,77734	829,0536499	3,886510134	23,8545742		15522829	
18:49:52	41878,91016	829,0658569	3,878863573	23,8545742		15522887	
18:49:57	41999,48438	829,0527954	3,881412029	23,8545742		15522945	
18:50:02	41855,03125	829,0790405	3,883961201	23,8545742		15523003	
18:50:07	41832,51172	829,0485229	3,879500628	23,8545742		15523061	
18:50:12	41998,90625	829,0788574	3,875677586	23,8545742		15523120	
18:50:17	41902,17578	829,0827637	3,882049561	23,85969925		15523178	
18:50:22	41807,54688	829,0510254	3,883324146	23,85969925		15523236	
18:50:27	41855,01172	829,0742798	3,878863573	23,85969925		15523294	
18:50:32	41878,97266	829,0869751	3,882049561	23,85969925		15523352	
18:50:37	41830,37891	829,0991211	3,882686615	23,85969925		15523410	
18:50:42	41902,36328	829,0847778	3,879500628	23,85969925		15523468	
18:50:47	41926,83594	829,0746464	3,877588987	23,85969925		15523527	
18:50:52	41903,96484	829,0645752	3,882049561	23,85969925		15523585	
18:50:57	41926,70703	829,0713501	3,880774975	23,8545742		15523643	
18:51:02	41830,67188	829,0944214	3,880774975	23,8545742			

Consumo diesel Nehuenco II 02-02-2021

195MW



	FLUJO_TG2 [l/h]	DENSIDAD_TG2 [kg/m3]	PRESION_TG2 [bar]	TEMPERATURA_TG2 [°C]		
PROMEDIO	41.879,53	829,01	3,88	23,92		
DESVEST	87,4585	0,0665	0,0039	0,0733		
%DESVEST	0,2088%	0,0080%	0,1018%	0,3066%		
DATOS	721	721	721	721	TOT_GLOBAL_TG2 [l]	[l/h]
DURACIÓN	1:00:00				CONSUMO [l/h]	41.898
						41.898,00
18:51:12	41735,39063	829,0531616	3,883961201	23,84922791		15523817
18:51:17	41855,99219	829,0619507	3,878863573	23,84922791		15523875
18:51:22	41951,43359	829,074646	3,88013792	23,84922791		15523934
18:51:27	41806,49609	829,0944214	3,884598494	23,84922791		15523992
18:51:32	41830,63672	829,083252	3,881412029	23,84922791		15524050
18:51:37	41998,55859	829,079895	3,877588987	23,84922791		15524108
18:51:42	41999,73828	829,0855713	3,880774975	23,84922791		15524166
18:51:47	41878,26563	829,0773926	3,877588987	23,8438797		15524225
18:51:52	41879,23047	829,0830078	3,881412029	23,8438797		15524283
18:51:57	41830,93359	829,0876465	3,883324146	23,8438797		15524341
18:52:02	41855,09375	829,0792236	3,878863573	23,8385334		15524399
18:52:07	41926,76953	829,0829468	3,877588987	23,8385334		15524457
18:52:12	41759,10156	829,0715332	3,886510134	23,8385334		15524515
18:52:17	41831,76953	829,0734253	3,88013792	23,8385334		15524573
18:52:22	41998,90234	829,0800171	3,878226042	23,8438797		15524632
18:52:27	41927,00391	829,0748291	3,881412029	23,84922791		15524690
18:52:32	41832,56641	829,0744629	3,885872602	23,8438797		15524748
18:52:37	41758,84375	829,0704956	3,882049561	23,8438797		15524806
18:52:42	41927,12891	829,0681152	3,878863573	23,8438797		15524864
18:52:47	41999,0625	829,0687866	3,878226042	23,8438797		15524923
18:52:52	41902,89453	829,0717163	3,882049561	23,8438797		15524981
18:52:57	41734,71484	829,0998535	3,885235548	23,8438797		15525039
18:53:02	41759,52734	829,0827026	3,887147188	23,8438797		15525097
18:53:07	41759,27344	829,0611572	3,883324146	23,8438797		15525155
18:53:12	41856,03516	829,0753174	3,882049561	23,8438797		15525213
18:53:17	41832,22656	829,0620728	3,883324146	23,8385334		15525271
18:53:22	41999,17578	829,0808716	3,878226042	23,8438797		15525329
18:53:27	41855,56641	829,0753174	3,882686615	23,8438797		15525387
18:53:32	41808,03125	829,0565186	3,887147188	23,8438797		15525445
18:53:37	41807,89063	829,0700073	3,885235548	23,8438797		15525504
18:53:42	41831,93359	829,0841675	3,882049561	23,8438797		15525562
18:53:47	41927,34375	829,0855103	3,881412029	23,8438797		15525620
18:53:52	41878,38672	829,1060181	3,881412029	23,8438797		15525678
18:53:57	41878,46484	829,0847778	3,88013792	23,8438797		15525736
18:54:02	41831,95313	829,0761719	3,885872602	23,8438797		15525794
18:54:07	41879,55859	829,0854492	3,880774975	23,8438797		15525853
18:54:12	41903,25391	829,0844727	3,88013792	23,8438797		15525911
18:54:17	41879,64453	829,0806885	3,884598494	23,8385334		15525969
18:54:22	41735,92969	829,076416	3,887147188	23,8385334		15526027
18:54:27	41782,44141	829,1147461	3,887147188	23,8385334		15526085
18:54:32	41831,23047	829,0752563	3,880774975	23,8385334		15526143
18:54:37	41950,61719	829,0925293	3,877588987	23,8385334		15526201
18:54:42	41951,83594	829,0762329	3,882049561	23,83340836		15526259
18:54:47	41855,51953	829,0853271	3,885872602	23,83340836		15526318
18:54:52	41736,04688	829,074585	3,887784481	23,82806015		15526376
18:54:57	41688,04297	829,0817871	3,888421535	23,82806015		15526434
18:55:02	41879,22266	829,1068115	3,880774975	23,82806015		15526492
18:55:07	41903,48828	829,0724487	3,878863573	23,82806015		15526550
18:55:12	41950,01172	829,1050415	3,876951694	23,8229351		15526608
18:55:17	41999,50781	829,0935059	3,880774975	23,8229351		15526666
18:55:22	41903,05469	829,0944214	3,881412029	23,8229351		15526725
18:55:27	41927,69531	829,0928345	3,880774975	23,81758881		15526783
18:55:32	41903,77734	829,0952759	3,883324146	23,81758881		15526841
18:55:37	41663,40625	829,0961914	3,887147188	23,81758881		15526899
18:55:42	41782,99219	829,093375	3,880774975	23,81758881		15526957
18:55:47	41903,98438	829,0787964	3,88013792	23,81758881		15527015
18:55:52	41879,73047	829,0946655	3,881412029	23,81758881		15527073
18:55:57	41831,875	829,0723877	3,882686615	23,81758881		15527132
18:56:02	41711,15234	829,1081543	3,889059067	23,81758881		15527190
18:56:07	41806,99609	829,0986328	3,882049561	23,81758881		15527248
18:56:12	41784,14453	829,0848389	3,884598494	23,8122406		15527306
18:56:17	41903,47266	829,0858154	3,880774975	23,8122406		15527364
18:56:22	41807,74609	829,1062012	3,884598494	23,8122406		15527422
18:56:27	41926,70703	829,1126099	3,883324146	23,8068943		15527480
18:56:32	41976,41406	829,0831909	3,880774975	23,8068943		15527538
18:56:37	41758,8125	829,1140747	3,883961201	23,8068943		15527596
18:56:42	41807,44922	829,0986328	3,885235548	23,8122406		15527655
18:56:47	41736,90234	829,0828247	3,880774975	23,8122406		15527713
18:56:52	41926,89063	829,1209106	3,878226042	23,8068943		15527771
18:56:57	42143,78516	829,095459	3,875677586	23,80176926		15527829
18:57:02	41975,36719	829,1125488	3,88013792	23,80176926		15527887
18:57:07	41783,88672	829,0979614	3,885235548	23,80176926		15527946
18:57:12	41736,23828	829,0811157	3,885872602	23,80176926		15528004
18:57:17	41830,97656	829,1096191	3,880774975	23,80176926		15528062
18:57:22	41856,67578	829,0734863	3,882686615	23,80176926		15528120
18:57:27	41807,53125	829,0974731	3,884598494	23,8068943		15528178
18:57:32	41855,04688	829,1016846	3,880774975	23,80176926		15528236
18:57:37	41975,41016	829,0984497	3,876951694	23,79664421		15528294
18:57:42	41830,90625	829,1135254	3,881412029	23,79664421		15528352
18:57:47	41783,5625	829,1112061	3,882686615	23,79664421		15528410
18:57:52	41663,44531	829,1016235	3,885235548	23,80176926		15528468
18:57:57	41807,51172	829,1083374	3,883324146	23,80176926		15528526
18:58:02	41879,89453	829,1068726	3,881412029	23,80176926		15528585
18:58:07	41782,67969	829,1192627	3,885235548	23,80176926		15528643
18:58:12	41711,39844	829,119751	3,890333176	23,79664421		15528701
18:58:17	41687,16797	829,1367188	3,883961201	23,79129601		15528759
18:58:22	41830,6875	829,1290283	3,883324146	23,79129601		15528817
18:58:27	41807,64844	829,1112671	3,883961201	23,79129601		15528875
18:58:32	41855,53125	829,111084	3,884598494	23,79129601		15528933
18:58:37	41902,85156	829,1192017	3,884598494	23,78594971		15528991
18:58:42	41831,54688	829,1101074	3,883961201	23,78594971		15529049
18:58:47	41904,00781	829,0905762	3,880774975	23,78594971		15529107
18:58:52	41901,80859	829,1412354	3,88013792	23,78594971		15529165
18:58:57	41903,39453	829,1176147	3,882049561	23,78594971		15529223
18:59:02	41902,57031	829,1357422	3,879500628	23,78594971		15529281
18:59:07	41879,08203	829,1219482	3,883324146	23,7806015		15529339
18:59:12	41879,96484	829,1217651	3,883324146	23,7806015		15529397
18:59:17	41856,40234	829,1264648	3,882686615	23,7806015		15529455
18:59:22	41831,40234	829,1189575	3,883961201	23,7806015		15529514
18:59:27	41832,45703	829,0986938	3,884598494	23,7806015		15529573
18:59:32	41807,67578	829,1159668	3,885235548	23,7806015		15529631
18:59:37	41975,30469	829,1124878	3,88013792	23,7806015		15529689
18:59:42	41952,04688	829,1032104	3,883324146	23,7806015		15529747
18:59:47	41830,42578	829,1494751	3,883961201	23,7806015		15529805
18:59:52	41760,09375	829,1036377	3,885235548	23,78594971		15529863
18:59:57	41782,84375	829,1166992	3,885235548	23,78594971		15529921
19:00:02	41783,14453	829,1188965	3,883961201	23,78594971		15529979

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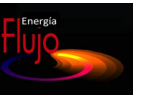


	ENT COMPRES TERMOC 1A	ENT COMPRES TERMOC 1B	ENT COMPRES TERMOC 2A	PRESION ENTRADA COMPRESOR 96	FACTOR DE POTENCIA CALCULADO	WATT MAXIMO GEN SELECCIONADO	MEDC CARGA GEN TUR (1/2)	CORRIENTE EXCIT GEN EX2K	VOLTAJE EXCIT GEN EX2K	EXCITACION CORRIENTE	EXCITACION VOLTAJE	FLUJO COMBUSTIBLE	PRESION DE ENTRADA A TURBINA GAS
	IATRE_CTIF1A(°C)	IATRE_CTIF1B(°C)	IATRE_CTIF2A(°C)	IATRE_AFFPCS(mm.H2O)	IATRE_DPFL()	IATRE_DWATT(MW)	10GGE_SNX_001(MW)	IATRE_EX2K_FLD_A(A)	IATRE_EX2K_FLD_V(V)	10GEX_II_001(A)	10GEX_EI_001(V)	IATRE_FQG(kg/s)	IASG_PT_019(bar)
	°C	°C	°C	mm.H2O		MW	MW	A	V	A	V	kg/s	bar
PROMEDIO	16,1	16,2	16,0	53,7	1,0	266,6	128,5	1201,4	352,2	830,1	123,0		31,5
DESV EST	0,2480	0,2390	0,2677	2,5308	0,0012	0,6290	3,4257	48,5810	19,4479	20,2155	3,1083	#iDIV/0!	0,0025
%DESV EST	1,5380%	1,4770%	1,6757%	4,7098%	0,1200%	0,2359%	2,6667%	4,0437%	5,5215%	2,4353%	2,5261%	#iDIV/0!	0,0080%
DATOS	61	61	61	61	61	61	60	61	61	61	61	0	61
DURACIÓN	1:00:00	PROM-PROM											

Fecha	Hora	ENT COMPRES TERMOC 1A	ENT COMPRES TERMOC 1B	ENT COMPRES TERMOC 2A	PRESION ENTRADA COMPRESOR 96	FACTOR DE POTENCIA CALCULADO	WATT MAXIMO GEN SELECCIONADO	MEDC CARGA GEN TUR (1/2)	CORRIENTE EXCIT GEN EX2K	VOLTAJE EXCIT GEN EX2K	EXCITACION CORRIENTE	EXCITACION VOLTAJE	FLUJO COMBUSTIBLE	PRESION DE ENTRADA A TURBINA GAS
02-02-2021	7:30:00	16,08148	16,20868	16,28759	44,87115	0,9815133	266,7264	115,7312	1050,675	292,3712	769,3782	115,5506	0	31,4492
02-02-2021	7:31:00	16,18987	16,18993	16,35535	46,18052	0,9816104	266,493	117,4025	1080,963	302,4052	776,1848	116,3835	0	31,44903
02-02-2021	7:32:00	16,13653	16,40216	16,19562	46,26857	0,9817075	266,2595	118,7221	1089,118	312,9141	781,3373	114,0263	0	31,44894
02-02-2021	7:33:00	15,87297	16,41554	16,08209	46,83432	0,9818046	266,026	119,852	1101,942	314,0285	786,8109	117,2358	0	31,44908
02-02-2021	7:34:00	16,1901	16,16016	16,12012	49,65207	0,9819017	266,02	121,1911	1116,516	318,7169	789,4789	119,6489	0	31,44922
02-02-2021	7:35:00	16,17378	15,90478	16,15816	49,7075	0,9819989	266,2882	121,9807	1142,828	322,8877	796,2282	117,5249	0	31,44937
02-02-2021	7:36:00	16,00354	16,3363	15,69055	51,8383	0,982096	266,5563	123,7966	1145,084	326,1366	802,3278	119,099	0	31,44951
02-02-2021	7:37:00	16,30441	16,60923	16,11436	53,37487	0,9821931	266,8244	124,9808	1157,917	333,2016	805,4247	120,3563	0	31,44965
02-02-2021	7:38:00	16,31634	16,88217	16,23496	53,05444	0,9822902	267,0926	126,1705	1182,174	343,8295	812,5096	122,1261	0	31,4498
02-02-2021	7:39:00	15,93818	16,49429	16,32565	58,62611	0,9823873	267,1926	127,9301	1230,09	358,1468	817,5805	120,3155	0	31,44994
02-02-2021	7:40:00	16,81945	16,08825	16,41633	58,72856	0,9824845	267,2316	129,7985	1219,791	354,2593	826,5081	121,6429	0	31,45008
02-02-2021	7:41:00	15,59941	16,07421	16,3208	58,40007	0,9825816	267,2705	131,1567	1221,011	359,6238	833,944	125,4227	0	31,45023
02-02-2021	7:42:00	16,27614	16,06856	16,16382	56,74815	0,9826787	267,3094	131,8592	1211,59	357,1788	835,3509	123,4252	0	31,45037
02-02-2021	7:43:00	16,45579	16,13318	16,00685	55,61778	0,9827758	267,3484	131,8592	1193,978	348,8463	837,4525	122,6296	0	31,45052
02-02-2021	7:44:00	15,81735	16,32895	16,25413	53,67073	0,9828827	267,3873	131,6157	1175,756	342,6696	836,7616	124,3323	0	31,45066
02-02-2021	7:45:00	16,3545	16,39666	16,18702	53,76213	0,9829867	267,4263	130,7849	1179,029	344,2493	833,2464	120,6662	0	31,4508
02-02-2021	7:46:00	16,07001	16,1593	16,21459	52,94045	0,9830908	267,4652	130,5083	1178,593	341,1009	830,8259	125,476	0	31,45095
02-02-2021	7:47:00	16,38498	16,01548	16,18049	53,5168	0,9831948	267,5042	130,178	1188,804	345,8704	830,2349	122,2747	0	31,45109
02-02-2021	7:48:00	15,89282	16,13109	16,1464	54,96267	0,9832988	267,5172	129,6582	1186,582	344,8951	831,359	123,8995	0	31,45123
02-02-2021	7:49:00	16,19625	16,2467	16,09749	54,57082	0,9834027	267,3055	130,0201	1189,415	349,451	827,4937	122,4281	0	31,45138
02-02-2021	7:50:00	16,26381	16,36231	16,01346	54,64633	0,9835067	267,0938	129,4065	1190,078	345,617	827,7697	122,9933	0	31,45152
02-02-2021	7:51:00	16,04492	16,41817	16,1025	53,46112	0,9836107	266,882	129,563	1189,045	345,3923	827,6785	122,8226	0	31,45167
02-02-2021	7:52:00	16,1393	16,18663	15,95908	53,95531	0,9837148	266,6703	129,7343	1187,268	343,7836	826,2283	122,9943	0	31,45181
02-02-2021	7:53:00	16,27115	16,28413	16,07361	54,47267	0,9838188	266,4586	129,8357	1179,609	345,4853	826,7095	120,5269	0	31,45195
02-02-2021	7:54:00	16,46638	16,4162	16,18116	53,85154	0,9839227	266,2468	129,5349	1180,502	343,2599	826,6152	122,9756	0	31,4521
02-02-2021	7:55:00	16,52665	16,39042	16,13268	53,73454	0,9840267	266,0351	129,6867	1186,458	347,0187	827,5659	120,7749	0	31,45224
02-02-2021	7:56:00	16,09824	16,30121	16,00147	53,88223	0,9841307	265,2163	129,5837	1186,04	345,6737	825,5692	122,6746	0	31,45238
02-02-2021	7:57:00	16,65304	16,18784	16,10353	54,0071	0,9842348	265,132	129,6407	1191,668	347,2211	827,3488	120,9984	0	31,45253
02-02-2021	7:58:00	16,33114	16,0697	15,93318	54,70747	0,9843388	265,3386	128,9264	1186,859	347,5944	826,7325	121,8282	0	31,45267
02-02-2021	7:59:00	16,37791	16,01627	16,19088	55,3307	0,9844428	265,5451	129,2444	1185,788	346,2049	824,9842	123,4348	0	31,45281
02-02-2021	8:00:00	16,15996	16,09227	16,45275	53,81957	0,9845467	265,7517	129,2825	1182,861	349,077	826,5473	123,9477	0	31,45296
02-02-2021	8:01:00	16,49302	16,16826	15,78272	54,50388	0,9846507	265,9583	129,0005	1176,552	344,3337	824,7292	125,8071	0	31,4531
02-02-2021	8:02:00	16,05867	16,24426	15,97346	54,74676	0,9847547	266,1648	129,5044	1175,41	342,7637	824,0664	123,1901	0	31,45325
02-02-2021	8:03:00	16,32108	16,41672	15,84266	55,02478	0,9848588	266,3714	129,4368	1178,215	344,3451	824,2737	124,0033	0	31,45339
02-02-2021	8:04:00	16,23606	16,48445	15,71186	54,57364	0,9849628	266,4738	129,531	1173,862	342,7815	837,8312	122,8721	0	31,45353
02-02-2021	8:05:00	16,15103	15,84039	15,58105	54,42469	0,9850667	266,5272	129,3197	1179,789	346,4152	833,1347	123,4729	0	31,45368
02-02-2021	8:06:00	16,07074	16,06035	15,45025	54,59455	0,9851707	266,5806	129,6943	1193,282	350,1251	841,3383	124,7217	0	31,45382
02-02-2021	8:07:00	16,34922	15,97771	15,68806	54,81123	0,9851628	266,6339	129,6043	1199,854	351,6816	836,8351	123,1156	0	31,45396
02-02-2021	8:08:00	16,24989	15,94586	15,62998	55,32987	0,9849795	266,6873	129,0615	1217,612	360,1975	834,5616	119,9065	0	31,45411
02-02-2021	8:09:00	15,83701	15,62975	15,57189	54,55213	0,9847962	266,7407	129,3759	1222,838	362,5726	833,3724	122,8298	0	31,45425
02-02-2021	8:10:00	15,53609	16,04974	15,53403	54,24751	0,9846129	266,7941	129,6948	1221,004	361,9033	836,5196	119,6034	0	31,4544
02-02-2021	8:11:00	16,11656	15,68055	15,62437	54,01713	0,9844296	266,8475	129,3232	1224,83	361,4282	827,102	123,1795	0	31,45454
02-02-2021	8:12:00	15,67818	15,73504	15,71472	53,79034	0,9842463	266,9009	129,7649	1244,091	365,3018	834,2627	123,8273	0	31,45468
02-02-2021	8:13:00	15,79323	15,90248	15,80503	53,96842	0,984063	266,9543	129,6007	1244,26	370,1918	836,0762	126,9517	0	31,45483
02-02-2021	8:14:00	15,70284	16,06992	15,89516	53,64691	0,9838796	267,0077	129,8725	1247,229	368,4243	831,4937	124,4312	0	31,45497
02-02-2021	8:15:00	15,93772	15,83589	15,98529	54,79935	0,9836963	267,061	129,6093	1260,548	375,014	840,8953	126,3611	0	31,45511
02-02-2021	8:16:00	16,1726	15,81017	16,07542	54,16127	0,983513	267,1144	129,9587	1254,949	370,4511	838,6699	126,3021	0	31,45526
02-02-2021	8:17:00	15,71028	16,32023	15,78297	54,00451	0,9833297	267,1678	129,9358	1255,966	371,8772	839,2335	125,2453	0	31,4554
02-02-2021	8:18:00	16,03288	16,45336	15,96155	54,51885	0,9831464	267,2212	129,7354	1262,711	376,6383	837,58	125,6554	0	31,45554
02-02-2021	8:19:00	15,97402	16,37155	16,14573	54,91515	0,9829631	267,2746	129,8856	1264,466	375,3078	835,5483	124,1652	0	31,45569
02-02-2021	8:20:00	16,04516	16,2886	16,18307	54,03477	0,9827798	267,328	129,8096	1265,073	376,9439	840,7687	124,0196	0	31,45583
02-02-2021	8:21:00	15,98746	16,40526	15,99685	53,53529	0,9825965	267,2114	129,7916	1259,636	376,5469	850,7948	126,5595	0	31,45597
02-02-2021	8:22:00	16,41621	16,53517	15,48036	53,90069	0,9824132	266,9601	129,9194	1258,874	378,2912	859,3314	124,77	0	31,45612
02-02-2021	8:23:00	16,22362	15,83594	15,66584	54,85952	0,9822299	266,7113	129,614	1263,462	375,4424	866,7797	127,77	0	31,45626
02-02-2021	8:24:00	16,03103	16,13701	15,37434	53,44989	0,9820465	266,5216	129,6853	1256,49	378,5425	858,3297	127,0624	0	31,45641
02-02-2021	8:25:00	15,94011	16,1628	15,56965	53,51012	0,9818633	26							

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395MW



	PRESION DE ENTRADA A FILTROS	TEMPERATURA COMBUSTIBLE	PRES VAPOR VIVO (1/2)	TEMPERATURA VAPOR AP	PRESION VAPOR AP -VOTO 1/2	FLUJO DE VAPOR AP	PRESION ARRIBA PALETAS AP	TEMP SUPERFICIE TUR AP (2/3)	PRESION CONDENSADOR	PRESION CONDENSADOR	PRESION CONDENSADOR	PRES VAP RECAL FRIO	TEMP VAPOR RECALENTADO FRIO	PRESION DE VAPOR IP
	IASGZ_PT_015(bar)	IATRE_FTG(°C)	10GMA_PTX_010(bar)	10VVP_TT_012(°C)	1AFSR_PTX_003(bar)	1AFSR_FTV_005(t/h)	10GMA_PT_011(bar)	10GMA_TTX_011(°C)	10CVI_PIT_001A(mbar-A)	10CVI_PIT_001B(mbar-A)	10CVI_PIT_001C(mbar-A)	10GMA_PT_021(bar)	10VVP_TT_021(°C)	1AFRH_PT_004A(bar)
	bar	°C	bar	°C	bar	t/h	bar	°C	mbar-A	mbar-A	mbar-A	bar	°C	bar
PROMEDIO	31,4	35,1	98,0	566,4	99,4	259,9	90,0	532,5	69,3	60,5	53,3	28,8	397,1	28,7
DESV EST	0,0011	0,5176	0,1095	0,1127	0,0107	6,4484	2,3583	0,0344	0,0000	0,0000	0,0000	0,0217	0,0028	0,0645
%DESV EST	0,0035%	1,4728%	0,1118%	0,0199%	0,0107%	2,4814%	2,6193%	0,0005%	0,0000%	0,0000%	0,0000%	0,0753%	0,0007%	0,2249%
DATOS	61	61	61	61	61	61	61	61	61	61	61	61	61	61
DURACIÓN	1:00:00													

Fecha	Hora	IASGZ_PT_015(bar)	IATRE_FTG(°C)	10GMA_PTX_010(bar)	10VVP_TT_012(°C)	1AFSR_PTX_003(bar)	1AFSR_FTV_005(t/h)	10GMA_PT_011(bar)	10GMA_TTX_011(°C)	10CVI_PIT_001A(mbar-A)	10CVI_PIT_001B(mbar-A)	10CVI_PIT_001C(mbar-A)	10GMA_PT_021(bar)	10VVP_TT_021(°C)	1AFRH_PT_004A(bar)
02-02-2021	7:30:00	31,43103	34,23684	97,89126	566,0483	99,41934	237,0002	81,69259	532,56	69,26563	60,5	53,32422	28,87242	397,0508	28,80673
02-02-2021	7:31:00	31,43078	34,27169	97,88149	566,0735	99,41874	239,3723	82,40632	532,56	69,26563	60,5	53,32422	28,8712	397,0508	28,80309
02-02-2021	7:32:00	31,43059	34,30653	97,87172	566,0988	99,41814	241,7861	83,43021	532,56	69,26563	60,5	53,32422	28,86997	397,0508	28,79946
02-02-2021	7:33:00	31,43065	34,34138	97,86195	566,124	99,41754	242,9145	83,81023	532,56	69,26563	60,5	53,32422	28,86875	397,0508	28,79582
02-02-2021	7:34:00	31,43072	34,37623	97,85218	566,1492	99,41694	245,378	84,83762	532,56	69,26563	60,5	53,32422	28,86753	397,0508	28,79219
02-02-2021	7:35:00	31,43078	34,41108	97,84241	566,1744	99,41634	247,623	85,75238	532,56	69,26563	60,5	53,32422	28,86631	397,0508	28,78855
02-02-2021	7:36:00	31,43084	34,44592	97,83264	566,1996	99,41573	249,9974	86,36004	532,56	69,26563	60,5	53,32422	28,86509	397,0508	28,78492
02-02-2021	7:37:00	31,43091	34,48077	97,82287	566,2249	99,41513	252,032	87,06914	532,56	69,26563	60,5	53,32422	28,86386	397,0508	28,78128
02-02-2021	7:38:00	31,43097	34,51562	97,81310	566,2501	99,41453	254,0155	87,84873	532,56	69,26563	60,5	53,32422	28,86264	397,0508	28,77765
02-02-2021	7:39:00	31,43103	34,55046	97,80333	566,2753	99,41393	256,0000	88,62832	532,56	69,26563	60,5	53,32422	28,86142	397,0508	28,77401
02-02-2021	7:40:00	31,43111	34,58531	97,79356	566,3005	99,41333	258,0000	89,40787	532,56	69,26563	60,5	53,32422	28,86020	397,0508	28,77038
02-02-2021	7:41:00	31,43116	34,62016	97,78379	566,3258	99,41273	260,0000	90,18746	532,56	69,26563	60,5	53,32422	28,85897	397,0508	28,76674
02-02-2021	7:42:00	31,43122	34,65501	97,77402	566,3511	99,41212	262,0000	90,96705	532,56	69,26563	60,5	53,32422	28,85775	397,0508	28,76311
02-02-2021	7:43:00	31,43128	34,68985	97,76425	566,3764	99,41152	264,0000	91,74664	532,56	69,26563	60,5	53,32422	28,85653	397,0508	28,75947
02-02-2021	7:44:00	31,43134	34,72470	97,75448	566,4017	99,41092	266,0000	92,52623	532,56	69,26563	60,5	53,32422	28,85531	397,0508	28,75583
02-02-2021	7:45:00	31,43141	34,75954	97,74471	566,4270	99,41032	268,0000	93,30582	532,56	69,26563	60,5	53,32422	28,85409	397,0508	28,75219
02-02-2021	7:46:00	31,43147	34,79438	97,73494	566,4523	99,40972	270,0000	94,08541	532,56	69,26563	60,5	53,32422	28,85287	397,0508	28,74855
02-02-2021	7:47:00	31,43153	34,82922	97,72517	566,4776	99,40912	272,0000	94,86500	532,56	69,26563	60,5	53,32422	28,85164	397,0508	28,74491
02-02-2021	7:48:00	31,43160	34,86406	97,71540	566,5029	99,40852	274,0000	95,64459	532,56	69,26563	60,5	53,32422	28,85042	397,0508	28,74127
02-02-2021	7:49:00	31,43166	34,89890	97,70563	566,5282	99,40792	276,0000	96,42418	532,56	69,26563	60,5	53,32422	28,84919	397,0508	28,73763
02-02-2021	7:50:00	31,43172	34,93374	97,69586	566,5535	99,40732	278,0000	97,20377	532,56	69,26563	60,5	53,32422	28,84797	397,0508	28,73400
02-02-2021	7:51:00	31,43179	34,96858	97,68609	566,5788	99,40672	280,0000	97,98336	532,56	69,26563	60,5	53,32422	28,84675	397,0508	28,73036
02-02-2021	7:52:00	31,43185	34,99992	97,67632	566,6041	99,40612	282,0000	98,76295	532,56	69,26563	60,5	53,32422	28,84553	397,0508	28,72672
02-02-2021	7:53:00	31,43191	34,99992	97,66655	566,6294	99,40552	284,0000	99,54254	532,56	69,26563	60,5	53,32422	28,84431	397,0508	28,72308
02-02-2021	7:54:00	31,43197	34,99992	97,65678	566,6547	99,40492	286,0000	100,32213	532,56	69,26563	60,5	53,32422	28,84309	397,0508	28,71944
02-02-2021	7:55:00	31,43204	35,00000	97,64701	566,6800	99,40432	288,0000	101,10172	532,56	69,26563	60,5	53,32422	28,84187	397,0508	28,71580
02-02-2021	7:56:00	31,43211	35,00000	97,63724	566,7053	99,40372	290,0000	101,88131	532,56	69,26563	60,5	53,32422	28,84064	397,0508	28,71216
02-02-2021	7:57:00	31,43216	35,00000	97,62747	566,7306	99,40312	292,0000	102,66090	532,56	69,26563	60,5	53,32422	28,83942	397,0508	28,70852
02-02-2021	7:58:00	31,43222	35,00000	97,61770	566,7559	99,40252	294,0000	103,44049	532,56	69,26563	60,5	53,32422	28,83819	397,0508	28,70488
02-02-2021	7:59:00	31,43229	35,00000	97,60793	566,7812	99,40192	296,0000	104,22008	532,56	69,26563	60,5	53,32422	28,83697	397,0508	28,70124
02-02-2021	8:00:00	31,43235	35,00000	97,59816	566,8065	99,40132	298,0000	105,00000	532,56	69,26563	60,5	53,32422	28,83575	397,0508	28,69760
02-02-2021	8:01:00	31,43241	35,00000	97,58839	566,8318	99,40072	300,0000	105,77959	532,56	69,26563	60,5	53,32422	28,83453	397,0508	28,69396
02-02-2021	8:02:00	31,43248	35,00000	97,57862	566,8571	99,40012	302,0000	106,55918	532,56	69,26563	60,5	53,32422	28,83331	397,0508	28,69032
02-02-2021	8:03:00	31,43254	35,00000	97,56885	566,8824	99,39952	304,0000	107,33877	532,56	69,26563	60,5	53,32422	28,83209	397,0508	28,68668
02-02-2021	8:04:00	31,43261	35,00000	97,55908	566,9077	99,39892	306,0000	108,11836	532,56	69,26563	60,5	53,32422	28,83087	397,0508	28,68304
02-02-2021	8:05:00	31,43266	35,00000	97,54931	566,9330	99,39832	308,0000	108,89795	532,56	69,26563	60,5	53,32422	28,82965	397,0508	28,67940
02-02-2021	8:06:00	31,43273	35,00000	97,53954	566,9583	99,39772	310,0000	109,67754	532,56	69,26563	60,5	53,32422	28,82843	397,0508	28,67576
02-02-2021	8:07:00	31,43279	35,00000	97,52977	566,9836	99,39712	312,0000	110,45713	532,56	69,26563	60,5	53,32422	28,82721	397,0508	28,67212
02-02-2021	8:08:00	31,43285	35,00000	97,52000	567,0089	99,39652	314,0000	111,23672	532,56	69,26563	60,5	53,32422	28,82599	397,0508	28,66848
02-02-2021	8:09:00	31,43292	35,00000	97,51023	567,0342	99,39592	316,0000	112,01631	532,56	69,26563	60,5	53,32422	28,82477	397,0508	28,66484
02-02-2021	8:10:00	31,43298	35,00000	97,50046	567,0595	99,39532	318,0000	112,79590	532,56	69,26563	60,5	53,32422	28,82355	397,0508	28,66120
02-02-2021	8:11:00	31,43304	35,00000	97,49069	567,0848	99,39472	320,0000	113,57549	532,56	69,26563	60,5	53,32422	28,82233	397,0508	28,65756
02-02-2021	8:12:00	31,43311	35,00000	97,48092	567,1101	99,39412	322,0000	114,35508	532,56	69,26563	60,5	53,32422	28,82111	397,0508	28,65392
02-02-2021	8:13:00	31,43317	35,00000	97,47115	567,1354	99,39352	324,0000	115,13467	532,56	69,26563	60,5	53,32422	28,81989	397,0508	28,65028
02-02-2021	8:14:00	31,43323	35,00000	97,46138	567,1607	99,39292	326,0000	115,91426	532,56	69,26563	60,5	53,32422	28,81867	397,0508	28,64664
02-02-2021	8:15:00	31,43329	35,00000	97,45161	567,1860	99,39232	328,0000	116,69385	532,56	69,26563	60,5	53,32422	28,81745	397,0508	28,64300
02-02-2021	8:16:00	31,43336	35,00000	97,44184	567,2113	99,39172	330,0000	117,47344	532,56	69,26563	60,5	53,32422	28,81623	397,0508	28,63936
02-02-2021	8:17:00	31,43342	35,00000	97,43207	567,2366	99,39112	332,0000	118,25303	532,56	69,26563	60,5	53,32422	28,81501	397,0508	28,63572
02-02-2021	8:18:00	31,43348	35,00000	97,42230	567,2619	99,39052	334,0000	119,03262	532,56	69,26563	60,5	53,32422	28,81379	397,0508	28,63208
02-02-2021	8:19:00	31,43354	35,00000	97,41253	567,2872	99,38992	336,0000	119,81221	532,56	69,26563	60,5	53,32422	28,81257	397,0508	28,62844
02-02-2021	8:20:00	31,43361	35,00000	97,40276	567,3125	99,38932	338,0000	120,59180	532,56						

Datos DCS 02-02-2021

395MW



	PRESION DE VAPOR IP	TEMP DE VAPOR SOBCL IP	FLUJO VAPOR TOTAL BYPASS IP	TEMP DE VAPOR IP	TEMP DE VAPOR IP	TEMP DE VAPOR IP	PRES VAP REGENERADO CAL (1/2)	TEMP VAPOR MP ENTRADA TURBINA	TEMP DE VAPOR BP - VOTO 1/2	TEMP DE VAPOR BP	TEMP DE VAPOR BP	PRESION VAPOR BP	PRESION VAPOR BP	PRESION VAPOR BP - VOTO 1/2	FLUJO DE VAPOR BP
	IAFRH_PT_004B(bar)	IAFRH_TT_008(°C)	10GMP_UN_861(t/h)	IAFRH_TT_005A(°C)	IAFRH_TT_005B(°C)	IAFRH_TT_005C(°C)	10GMA_PTX_030(bar)	10VVP_TT_031(°C)	1AFLB_TTX_002(°C)	1AFLB_TT_002A(°C)	1AFLB_TT_002B(°C)	1AFLB_PT_003A(bar)	1AFLB_PT_003B(bar)	1AFLB_PTX_003(bar)	1AFLB_FTV_004(t/h)
	bar	°C	t/h	°C	°C	°C	bar	°C	°C	°C	°C	bar	bar	bar	t/h
PROMEDIO	27,9	302,6	305,0	563,2	563,2	561,8	27,4	559,9	300,4	299,9	300,4	3,4	3,8	3,8	50,7
DESV EST	0,0618	0,2734	7,7552	0,4710	0,2498	0,0034	0,0725	0,1863	0,2428	0,0000	0,2705	0,0427	0,0415	0,0458	1,9682
%DESV EST	0,2214%	0,0903%	2,5425%	0,0836%	0,0444%	0,0006%	0,2645%	0,0333%	0,0808%	0,0000%	0,0900%	1,2581%	1,0897%	1,2086%	3,8790%
DATOS	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
DURACIÓN	1:00:00														

Fecha	Hora	PRESION DE VAPOR IP	TEMP DE VAPOR SOBCL IP	FLUJO VAPOR TOTAL BYPASS IP	TEMP DE VAPOR IP	TEMP DE VAPOR IP	TEMP DE VAPOR IP	PRES VAP REGENERADO CAL (1/2)	TEMP VAPOR MP ENTRADA TURBINA	TEMP DE VAPOR BP - VOTO 1/2	TEMP DE VAPOR BP	TEMP DE VAPOR BP	PRESION VAPOR BP	PRESION VAPOR BP	PRESION VAPOR BP - VOTO 1/2	FLUJO DE VAPOR BP
02-02-2021	7:30:00	28,01481	303,0901	276,0441	563,9808	563,6447	561,8262	27,44722	559,6124	299,9919	299,9375	299,9375	3,467469	3,875777	3,86434	42,98545
02-02-2021	7:31:00	28,01133	303,0748	279,0636	563,9543	563,6306	561,8262	27,44774	559,6229	300,0056	299,9375	299,9527	3,465063	3,873441	3,861762	44,85723
02-02-2021	7:32:00	28,00785	303,0594	283,0333	563,9277	563,6166	561,8262	27,44826	559,6334	300,0193	299,9375	299,9679	3,462656	3,871105	3,859183	45,81519
02-02-2021	7:33:00	28,00437	303,044	284,5948	563,9012	563,6025	561,8262	27,44878	559,6439	300,0329	299,9375	299,9832	3,46025	3,868769	3,856605	46,03055
02-02-2021	7:34:00	28,00089	303,0286	288,6406	563,8747	563,5884	561,8262	27,4493	559,6544	300,0466	299,9375	299,9984	3,457844	3,866433	3,854027	46,35706
02-02-2021	7:35:00	27,99741	303,0132	290,8141	563,8481	563,5743	561,8262	27,44982	559,6649	300,0603	299,9375	300,0136	3,455438	3,864097	3,851449	46,39784
02-02-2021	7:36:00	27,99393	302,9978	295,5762	563,8216	563,5603	561,8262	27,45033	559,6754	300,074	299,9375	300,0289	3,453032	3,861761	3,848871	48,36044
02-02-2021	7:37:00	27,99045	302,9824	296,8063	563,7951	563,5462	561,8262	27,45085	559,6859	300,0876	299,9375	300,0441	3,450626	3,859425	3,846265	49,12896
02-02-2021	7:38:00	27,98697	302,9669	300,3801	563,7686	563,5322	561,8262	27,45137	559,6964	300,1013	299,9375	300,0593	3,44822	3,857089	3,843715	49,72423
02-02-2021	7:39:00	27,98349	302,9516	303,7432	563,742	563,5181	561,8262	27,45189	559,7068	300,115	299,9375	300,0746	3,445813	3,854137	3,841137	50,69825
02-02-2021	7:40:00	27,98001	302,9362	307,8573	563,7155	563,504	561,8262	27,45241	559,7173	300,1287	299,9375	300,0898	3,443407	3,852417	3,838559	52,34566
02-02-2021	7:41:00	27,97653	302,9208	311,2888	563,689	563,4899	561,8262	27,45292	559,7278	300,1423	299,9375	300,105	3,441001	3,850081	3,835081	52,74442
02-02-2021	7:42:00	27,97305	302,9054	312,6028	563,6624	563,4758	561,8262	27,45344	559,7383	300,156	299,9375	300,1203	3,438595	3,847745	3,833403	52,86668
02-02-2021	7:43:00	27,96957	302,89	312,4968	563,6359	563,4618	561,8262	27,45396	559,7488	300,1697	299,9375	300,1355	3,436189	3,845409	3,830825	52,68922
02-02-2021	7:44:00	27,96609	302,8746	311,5794	563,6094	563,4477	561,8262	27,45448	559,7593	300,1834	299,9375	300,1508	3,433783	3,843073	3,828246	52,60743
02-02-2021	7:45:00	27,96261	302,8592	310,7458	563,5828	563,4337	561,8262	27,455	559,7698	300,1971	299,9375	300,166	3,431376	3,840737	3,825668	52,22903
02-02-2021	7:46:00	27,95913	302,8438	308,4778	563,5563	563,4196	561,8262	27,45552	559,7803	300,2107	299,9375	300,1812	3,42897	3,838401	3,823001	52,33712
02-02-2021	7:47:00	27,95564	302,8284	306,8232	563,5298	563,4055	561,8262	27,45604	559,7908	300,2244	299,9375	300,1964	3,426564	3,836065	3,820512	52,30122
02-02-2021	7:48:00	27,95216	302,813	307,3709	563,5032	563,3914	561,8262	27,45655	559,8013	300,2381	299,9375	300,2117	3,424158	3,833729	3,817934	52,00451
02-02-2021	7:49:00	27,94868	302,7976	307,21	563,4767	563,3774	561,8262	27,45707	559,8118	300,2517	299,9375	300,2269	3,421752	3,831393	3,815356	52,20589
02-02-2021	7:50:00	27,9452	302,7822	307,1176	563,4502	563,3633	561,8262	27,45759	559,8223	300,2654	299,9375	300,2422	3,419346	3,829057	3,812778	51,94551
02-02-2021	7:51:00	27,94172	302,7668	307,109	563,4236	563,3492	561,8262	27,45810	559,8328	300,2791	299,9375	300,2574	3,416939	3,826721	3,8102	51,30087
02-02-2021	7:52:00	27,93824	302,7514	306,9857	563,3972	563,3351	561,8262	27,45862	559,8433	300,2928	299,9375	300,2726	3,414533	3,824385	3,807622	51,60785
02-02-2021	7:53:00	27,93476	302,736	306,9581	563,3706	563,3211	561,8262	27,45914	559,8538	300,3065	299,9375	300,2878	3,412127	3,822049	3,805044	51,45983
02-02-2021	7:54:00	27,93128	302,7206	306,588	563,3441	563,307	561,8262	27,45966	559,8643	300,3201	299,9375	300,3031	3,409721	3,819713	3,802466	51,3986
02-02-2021	7:55:00	27,9278	302,7052	306,4842	563,3176	563,2929	561,8262	27,46018	559,8748	300,3338	299,9375	300,3183	3,407315	3,817377	3,799888	51,33632
02-02-2021	7:56:00	27,92432	302,6898	307,062	563,291	563,2789	561,8262	27,46070	559,8853	300,3475	299,9375	300,3336	3,404909	3,815041	3,797309	51,4323
02-02-2021	7:57:00	27,92084	302,6744	306,8223	563,2645	563,2648	561,8262	27,46122	559,8958	300,3612	299,9375	300,3488	3,402503	3,812705	3,794731	51,64108
02-02-2021	7:58:00	27,91736	302,659	307,1812	563,2507	563,2507	561,8262	27,46174	559,9063	300,3748	299,9375	300,364	3,400096	3,810369	3,792153	51,51305
02-02-2021	7:59:00	27,91388	302,6436	306,9891	563,2114	563,2366	561,8262	27,46226	559,9167	300,3885	299,9375	300,3793	3,39769	3,808033	3,789575	51,03852
02-02-2021	8:00:00	27,9104	302,6282	307,4539	563,1849	563,2226	561,8262	27,46278	559,9272	300,4022	299,9375	300,3945	3,395284	3,806997	3,788033	51,75013
02-02-2021	8:01:00	27,90692	302,6128	307,1725	563,1584	563,2085	561,8262	27,46330	559,9377	300,4159	299,9375	300,4097	3,392878	3,804361	3,786372	51,22248
02-02-2021	8:02:00	27,90344	302,5974	307,284	563,1318	563,1945	561,8262	27,46382	559,9482	300,4295	299,9375	300,425	3,390472	3,801025	3,781841	51,92018
02-02-2021	8:03:00	27,89996	302,582	307,1712	563,1053	563,1804	561,8262	27,46434	559,9587	300,4432	299,9375	300,4402	3,388065	3,798689	3,779263	50,98075
02-02-2021	8:04:00	27,89648	302,5666	307,4629	563,0788	563,1663	561,8262	27,46486	559,9692	300,4569	299,9375	300,4554	3,385659	3,796353	3,776685	51,68467
02-02-2021	8:05:00	27,893	302,5512	307,8072	563,0522	563,1522	561,8262	27,46538	559,9797	300,4706	299,9375	300,4707	3,383253	3,794017	3,774017	51,67543
02-02-2021	8:06:00	27,88951	302,5358	307,5935	563,0257	563,1382	561,8262	27,46590	559,9902	300,4843	299,9375	300,4859	3,380847	3,791681	3,771529	51,3392
02-02-2021	8:07:00	27,88603	302,5204	308,2153	562,9992	563,1241	561,8262	27,46642	560,0007	300,4979	299,9375	300,5011	3,378441	3,789345	3,768951	51,22182
02-02-2021	8:08:00	27,88256	302,505	307,6476	562,9727	563,11	561,8262	27,46694	560,0112	300,5116	299,9375	300,5164	3,376035	3,787009	3,766372	50,86872
02-02-2021	8:09:00	27,87907	302,4896	307,6606	562,9461	563,0959	561,8262	27,46746	560,0217	300,5253	299,9375	300,5316	3,373628	3,784672	3,763794	50,92329
02-02-2021	8:10:00	27,87559	302,4742	307,6116	562,9196	563,0818	561,8262	27,46798	560,0322	300,5389	299,9375	300,5468	3,371222	3,782336	3,761216	51,2661
02-02-2021	8:11:00	27,87211	302,4588	307,563	562,8931	563,0678	561,8262	27,46850	560,0427	300,5526	299,9375	300,5621	3,368816	3,78	3,758638	51,14261
02-02-2021	8:12:00	27,86863	302,4434	308,0208	562,8665	563,0537	561,8262	27,46902	560,0532	300,5663	299,9375	300,5773	3,36641	3,777664	3,75606	50,61609
02-02-2021	8:13:00	27,86515	302,428	307,9078	562,84	563,0397	561,8262	27,46954	560,0637	300,58	299,9375	300,5926	3,364004	3,775328	3,753482	51,33493
02-02-2021	8:14:00	27,86167	302,4126	307,5325	562,8135	563,0256	561,8262	27,47006	560,0742	300,5937	299,9375	300,6078	3,361598	3,772992	3,750904	51,48734
02-02-2021	8:15:00	27,85819	302,3972	307,9395	562,7869	563,0115	561,8262	27,47058	560,0847	300,6073	299,9375	300,623	3,359191	3,770656	3,748326	51,59978
02-02-2021	8:16:00	27,85471	302,3818	307,8081												

Datos DCS 02-02-2021

395MW

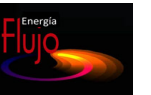


	PRES VAPOR BP (1/2)	TEMPERATURA VAPOR BP	TEMP ESCAPE TUR BP	TEMP VAP SELLO TUR VAPOR	PRES SIST VAP SELLO TUR VAP	TEMP EN EL POZO DEL CONDENSADOR	PRESION DESCARGA BBA-COND	TEMP DESCARGA BBA-COND	FLUJO CORRECTO DESCARGA BBA-COND	PRESION CONDENSADOR	PRESION CONDENSADOR	PRESION CONDENSADOR	PRESION CONDENSADOR -VOTO 2/3
	10GMA_PTX_040(bar)	10VVP_TT_040(°C)	10GMA_TT_041(°C)	10CET_TT_001(°C)	10CET_PT_001(mbar)	10CEX_TT_002(°C)	10CEX_PIT_001(bar)	10CEX_TT_003(°C)	10CEX_FTV_080(t/h)	10CVI_PIT_001A(mbar-A)	10CVI_PIT_001B(mbar-A)	10CVI_PIT_001C(mbar-A)	10CVI_PTX_001(mbar-A)
	bar	°C	°C	°C	mbar	°C	bar	°C	t/h	mbar-A	mbar-A	mbar-A	mbar-A
PROMEDIO	3,7	299,8	38,8	200,9	30,2	38,4	20,7	38,0	360,9	69,3	60,5	53,3	61,0
DESV EST	0,0019	0,0671	0,1573	0,0924	0,3589	0,0630	0,0128	0,0958	14,8989	0,0000	0,0000	0,0000	0,0000
%DESV EST	0,0526%	0,0224%	0,4051%	0,0460%	1,1893%	0,1638%	0,0621%	0,2518%	4,1277%	0,0000%	0,0000%	0,0000%	0,0000%
DATOS	61	61	61	61	60	61	61	61	61	61	61	61	61
DURACIÓN	1:00:00												

Fecha	Hora	PRES VAPOR BP (1/2)	TEMPERATURA VAPOR BP	TEMP ESCAPE TUR BP	TEMP VAP SELLO TUR VAPOR	PRES SIST VAP SELLO TUR VAP	TEMP EN EL POZO DEL CONDENSADOR	PRESION DESCARGA BBA-COND	TEMP DESCARGA BBA-COND	FLUJO CORRECTO DESCARGA BBA-COND	PRESION CONDENSADOR	PRESION CONDENSADOR	PRESION CONDENSADOR	PRESION CONDENSADOR -VOTO 2/3
02-02-2021	7:30:00	3,701019	299,7132	39,09717	200,9739	30,81627	38,54137	20,64931	38,18929	311,7375	69,26563	60,5	53,32422	61,01563
02-02-2021	7:31:00	3,701433	299,717	39,08831	200,9715	30,35537	38,53782	20,64856	38,1839	320,7709	69,26563	60,5	53,32422	61,01563
02-02-2021	7:32:00	3,701848	299,7208	39,07945	200,969	30,49403	38,53428	20,64781	38,1785	327,9681	69,26563	60,5	53,32422	61,01563
02-02-2021	7:33:00	3,702262	299,7245	39,07059	200,9666	30,40745	38,53073	20,64707	38,17311	329,9185	69,26563	60,5	53,32422	61,01563
02-02-2021	7:34:00	3,702676	299,7283	39,06173	200,9641	30,71025	38,52718	20,64632	38,16772	329,5576	69,26563	60,5	53,32422	61,01563
02-02-2021	7:35:00	3,70309	299,7321	39,05287	200,9617	30,92552	38,52364	20,64557	38,16233	331,2091	69,26563	60,5	53,32422	61,01563
02-02-2021	7:36:00	3,703505	299,7359	39,04401	200,9592	30,47966	38,52009	20,64482	38,15693	338,6024	69,26563	60,5	53,32422	61,01563
02-02-2021	7:37:00	3,703919	299,7397	39,03514	200,9568	30,818	38,51654	20,64408	38,15154	340,1372	69,26563	60,5	53,32422	61,01563
02-02-2021	7:38:00	3,70415	299,7435	39,02628	200,9543	30,53682	38,513	20,64379	38,14614	343,5624	69,26563	60,5	53,32422	61,01563
02-02-2021	7:39:00	3,704336	299,7473	39,01742	200,9519	31,45694	38,50945	20,64458	38,14075	345,0124	69,26563	60,5	53,32422	61,01563
02-02-2021	7:40:00	3,704523	299,751	39,00856	200,9494	31,09639	38,5059	20,64536	38,13536	357,7713	69,26563	60,5	53,32422	61,01563
02-02-2021	7:41:00	3,704709	299,7548	38,9997	200,947	30,67844	38,50236	20,64615	38,12996	366,6366	69,26563	60,5	53,32422	61,01563
02-02-2021	7:42:00	3,704895	299,7586	38,99084	200,9445	30,22226	38,49881	20,64694	38,12457	360,5033	69,26563	60,5	53,32422	61,01563
02-02-2021	7:43:00	3,705082	299,7624	38,98198	200,9421	30,55199	38,49526	20,64773	38,11917	353,3195	69,26563	60,5	53,32422	61,01563
02-02-2021	7:44:00	3,705268	299,7661	38,97312	200,9396	30,9396	38,49171	20,64852	38,11378	345,7343	69,26563	60,5	53,32422	61,01563
02-02-2021	7:45:00	3,705454	299,7699	38,96426	200,9372	30,14042	38,48817	20,6493	38,10839	346,8564	69,26563	60,5	53,32422	61,01563
02-02-2021	7:46:00	3,705641	299,7737	38,95539	200,9347	29,93005	38,48462	20,65009	38,103	353,2325	69,26563	60,5	53,32422	61,01563
02-02-2021	7:47:00	3,705827	299,7775	38,94653	200,9323	29,96178	38,48108	20,65088	38,0976	357,3755	69,26563	60,5	53,32422	61,01563
02-02-2021	7:48:00	3,706013	299,7813	38,93767	200,9298	30,30	38,47753	20,65167	38,09221	360,6376	69,26563	60,5	53,32422	61,01563
02-02-2021	7:49:00	3,7062	299,785	38,92881	200,9274	30,07338	38,47398	20,65245	38,08681	367,0204	69,26563	60,5	53,32422	61,01563
02-02-2021	7:50:00	3,706386	299,7888	38,91995	200,9249	29,89713	38,47044	20,65324	38,08142	365,4427	69,26563	60,5	53,32422	61,01563
02-02-2021	7:51:00	3,706572	299,7926	38,91109	200,9225	30,24937	38,46689	20,65403	38,07603	362,677	69,26563	60,5	53,32422	61,01563
02-02-2021	7:52:00	3,706759	299,7964	38,90223	200,92	30,03311	38,46334	20,65482	38,07063	359,1361	69,26563	60,5	53,32422	61,01563
02-02-2021	7:53:00	3,706945	299,8002	38,89337	200,9176	29,96091	38,4598	20,65561	38,06524	362,5082	69,26563	60,5	53,32422	61,01563
02-02-2021	7:54:00	3,707131	299,804	38,88451	200,9151	29,82001	38,45625	20,65639	38,05985	361,2024	69,26563	60,5	53,32422	61,01563
02-02-2021	7:55:00	3,707318	299,8077	38,87564	200,9127	29,99621	38,4527	20,65718	38,05445	361,8284	69,26563	60,5	53,32422	61,01563
02-02-2021	7:56:00	3,707504	299,8115	38,86678	200,9102	30,26962	38,44915	20,65797	38,04906	364,6804	69,26563	60,5	53,32422	61,01563
02-02-2021	7:57:00	3,70769	299,8153	38,85792	200,9078	29,91398	38,44561	20,65876	38,04367	365,4311	69,26563	60,5	53,32422	61,01563
02-02-2021	7:58:00	3,707877	299,8191	38,84906	200,9053	29,50766	38,44206	20,65954	38,03827	367,1201	69,26563	60,5	53,32422	61,01563
02-02-2021	7:59:00	3,708063	299,8228	38,8402	200,9029	30,09023	38,43851	20,66033	38,03288	367,9022	69,26563	60,5	53,32422	61,01563
02-02-2021	8:00:00	3,708249	299,8266	38,83134	200,9004	29,865	38,43497	20,66112	38,02748	369,5298	69,26563	60,5	53,32422	61,01563
02-02-2021	8:01:00	3,708436	299,8304	38,82248	200,8979	29,73901	38,43142	20,66191	38,02209	365,2589	69,26563	60,5	53,32422	61,01563
02-02-2021	8:02:00	3,708622	299,8342	38,81362	200,8955	30,17434	38,42788	20,66269	38,0167	368,3108	69,26563	60,5	53,32422	61,01563
02-02-2021	8:03:00	3,708808	299,838	38,80476	200,8931	29,83484	38,42433	20,66348	38,0113	368,8092	69,26563	60,5	53,32422	61,01563
02-02-2021	8:04:00	3,708995	299,8418	38,79589	200,8906	30,10915	38,42078	20,66427	38,00591	368,5249	69,26563	60,5	53,32422	61,01563
02-02-2021	8:05:00	3,708855	299,8456	38,78703	200,8882	30,20395	38,41724	20,66506	38,00052	368,5148	69,26563	60,5	53,32422	61,01563
02-02-2021	8:06:00	3,708706	299,8493	38,77817	200,8857	30,02876	38,41369	20,66585	37,99512	370,5044	69,26563	60,5	53,32422	61,01563
02-02-2021	8:07:00	3,708556	299,8531	38,76931	200,8833	30,12465	38,41014	20,66663	37,98973	373,0749	69,26563	60,5	53,32422	61,01563
02-02-2021	8:08:00	3,708407	299,8569	38,76045	200,8808	29,83982	38,4066	20,66742	37,98434	367,642	69,26563	60,5	53,32422	61,01563
02-02-2021	8:09:00	3,708258	299,8607	38,75159	200,8783	30,03683	38,40305	20,66821	37,97894	371,0739	69,26563	60,5	53,32422	61,01563
02-02-2021	8:10:00	3,708108	299,8644	38,74273	200,8759	30,03324	38,3995	20,669	37,97355	371,3462	69,26563	60,5	53,32422	61,01563
02-02-2021	8:11:00	3,707959	299,8682	38,73387	200,8734	30,06973	38,39595	20,66978	37,96815	371,0623	69,26563	60,5	53,32422	61,01563
02-02-2021	8:12:00	3,70781	299,872	38,72501	200,871	29,91819	38,39241	20,67057	37,96276	368,9853	69,26563	60,5	53,32422	61,01563
02-02-2021	8:13:00	3,70766	299,8758	38,71614	200,8685	30,28709	38,38886	20,67136	37,95737	369,3553	69,26563	60,5	53,32422	61,01563
02-02-2021	8:14:00	3,707511	299,8795	38,70728	200,8661	29,94478	38,38531	20,67215	37,95198	370,4011	69,26563	60,5	53,32422	61,01563
02-02-2021	8:15:00	3,707361	299,8833	38,69842	200,8636	30,35326	38,38177	20,67294	37,94658	370,8862	69,26563	60,5	53,32422	61,01563
02-02-2021	8:16:00	3,707212	299,8871	38,68956	200,8612	30,41249	38,37822	20,67372	37,94119	370,5726	69,26563	60,5	53,32422	61,01563
02-02-2021	8:17:00	3,707063	299,8909	38,6807	200,8587	29,97165	38,37468	20,67451	37,93579	373,0258	69,26563	60,5	53,32422	61,01563
02-02-2021	8:18:00	3,706913	299,8947	38,67184	200,8563	30,14388	38,37113	20,6753	37,9304	373,0454	69,26563	60,5	53,32422	61,01563
02-02-2021	8:19:00	3,706764	299,8985	38,66298	200,8538	30,1861	38,36758	20,67609	37,92501	370,017	69,26563	60,5	53,32422	61,01563
02-02-2021	8:20:00	3,706615	299,9023	38,65412	200,8514	30,27906	38,36404	20,67687	37,91961	373,2592	69,26563	60,5	53,32422	61,01563
02-02-2021	8:21:00	3,706465	299,906	38,64526	200,8489	29,876	38,36049	20,67766	37,91422	370,9708	69,26563	60,5	53,32422	61,01563
02-02-2021	8:22:00	3,706316	299,9098	38,63639	200,8465	29,92053	38,35694	20,67845	37,90882	369,9948	69,26563	60,5	53,32422	61,01563
02-02-2021	8:23:00	3,706167	299,9136	38,62753	200,844	30,22154	38,35339	20,67924	37,90343	374,0317	69,26563	60,5	53,32422	61,01563
02-02-2021	8:24:00	3,706017	299,9174	38,61867	200,8416	29,79	38,3498							

Datos DCS 02-02-2021

395MW



	FLUJO AGUA ADIC NOR COND	AGUA DE ALIM AP PRES DE DESCARGA	TEMP DE AGUA ALIM AP	FLUJO AGUA DE ALIM AP	FLUJO AGUA ATEMP AP	PRESION AGUA DE ALIM IP	TEMP AGUA DE ALIM IP	FLUJO AGUA DE ALIM IP	FLUJO AGUA ATEMP IP	FLUJO AGUA ATEMPERAMIENTO AP	FLUJO DE AGUA IP ATEMPERAMIENTO	FLUJO AGUA ATEMPERAMIENTO BP	FLUJO MASICO COMB LIQUIDO
	10CEX_FT_051(t/h)	1AAPH_PIT_001(bar)	1AFSR TT_001(°C)	1AFSR_FTV_001(t/h)	1AFSR_FTV_002(t/h)	1AFRH_PT_001(bar)	1AFRH TT_001(°C)	1AFRH_FTV_001(t/h)	1AFRH_FTV_004(t/h)	10GHP_FT_001(t/h)	10GMP_FT_001(t/h)	10GBP_FT_001(t/h)	1ATRE_FQ1M1(kg/s)
	t/h	bar	°C	t/h	t/h	bar	°C	t/h	t/h	t/h	t/h	t/h	kg/s
PROMEDIO	10,5	152,2	122,9	253,8	0,7	81,1	120,7	45,5	2,2	0,3	0,3	0,0	15,9
DESV EST	0,2954	2,0940	0,2769	8,7406	0,9897	1,5293	0,2282	5,8457	0,8290	0,1366	0,0098	0,0000	0,1406
%DESV EST	2,8246%	1,3756%	0,2253%	3,4441%	139,9420%	1,8857%	0,1890%	12,8581%	38,3259%	43,9472%	3,1257%	0,0000%	0,8866%
DATOS	61	58	61	61	61	60	61	61	61	61	38	61	61
DURACIÓN	1:00:00												

Fecha	Hora	FLUJO AGUA ADIC NOR COND	AGUA DE ALIM AP PRES DE DESCARGA	TEMP DE AGUA ALIM AP	FLUJO AGUA DE ALIM AP	FLUJO AGUA ATEMP AP	PRESION AGUA DE ALIM IP	TEMP AGUA DE ALIM IP	FLUJO AGUA DE ALIM IP	FLUJO AGUA ATEMP IP	FLUJO AGUA ATEMPERAMIENTO AP	FLUJO DE AGUA IP ATEMPERAMIENTO	FLUJO AGUA ATEMPERAMIENTO BP	FLUJO MASICO COMB LIQUIDO
02-02-2021	7:30:00	10,58965	159,7734	122,7237	218,6138	3,729473	86,38126	120,5384	31,45169	4,887909	0,297907 0	0,00234375	15,89869	
02-02-2021	7:31:00	10,58965	159,7734	122,786	227,1279	3,525454	86,38126	120,6087	32,4611	4,69337	0,1975445 0	0,00234375	15,90236	
02-02-2021	7:32:00	10,58965	156,4047	122,8483	233,823	3,284009	84,23198	120,7605	33,26331	4,021045	0,2253144 0	0,00234375	15,90604	
02-02-2021	7:33:00	10,58965	155,7188	122,9105	235,3907	3,0775	83,87813	120,9122	33,95709	3,825801	0,1578252 0	0,00234375	15,90971	
02-02-2021	7:34:00	10,58965	155,681	122,9728	235,6132	2,764152	83,87813	121,064	34,485	3,825801	0,1985292 0	0,00234375	15,91339	
02-02-2021	7:35:00	10,58965	155,6695	123,035	236,8841	2,535718	83,66076	121,2157	35,076	3,825801	0,2392331 0	0,00234375	15,91706	
02-02-2021	7:36:00	10,58965	155,6719	123,0973	242,0075	2,205896	83,65314	121,3077	35,76274	3,608942	0,279937 0	0,00234375	15,92074	
02-02-2021	7:37:00	10,58965	154,6496	123,1596	245,1066	1,953286	82,80537	121,3309	36,50665	3,502226	0,3191949 0	0,00234375	15,92441	
02-02-2021	7:38:00	10,58965	153,9453	123,2218	246,4168	1,896213	82,72501	121,3541	37,53783	3,429152	0,2780474 0	0,00234375	15,92809	
02-02-2021	7:39:00	10,58965	153,6255	123,2813	246,3176	1,837036	82,55094	121,3441	38,09225	3,086967	0,32261 0	0,00234375	15,93176	
02-02-2021	7:40:00	10,58965	153,1953	123,2813	256,5733	1,855131	82,12782	121,0314	39,44828	2,866408	0,3824196 0	0,00234375	15,93544	
02-02-2021	7:41:00	10,58965	152,3485	123,2813	263,9565	1,596542	80,78241	120,7187	39,23862	2,777723	0,3270348 0	0,00234375	15,93911	
02-02-2021	7:42:00	10,58965	150,7757	123,2813	261,0654	1,437896	80,6465	120,5469	40,68055	2,609169	0,2936719 0	0,00234375	15,94279	
02-02-2021	7:43:00	10,58965	152,7734	123,2813	252,0016	1,182394	81,55313	120,5469	40,7726	2,309106	0,479843 0	0,00234375	15,94647	
02-02-2021	7:44:00	10,58965	153,1329	123,2813	246,671	0,7956086	82,04305	120,5519	40,95105	2,163459	0,2703249 0	0,00234375	15,95014	
02-02-2021	7:45:00	10,58965	153,25	123,2813	247,2449	0,4945472	82,18125	120,6996	41,09028	1,911845	0,4309491 0	0,00234375	15,95382	
02-02-2021	7:46:00	10,60069	153,2457	123,2813	252,0137	0,4743768	82,114	120,8473	41,04272	1,802776	0,2465733 0	0,00234375	15,95749	
02-02-2021	7:47:00	10,61181	152,7188	123,2813	257,6953	0,2560946	81,04356	120,9411	41,40285	1,761995	0,386218 0	0,00234375	15,96117	
02-02-2021	7:48:00	10,62294	151,2969	123,2813	257,3543	0,4222026 81	80,97999	120,9799	41,19943	1,594505	0,3551397 0	0,00234375	15,96484	
02-02-2021	7:49:00	10,63406	151,2969	123,2813	260,2352	0,265733	80,66695	120,9795	42,46315	1,67612	0,3240615 0	0,00234375	15,96852	
02-02-2021	7:50:00	10,64519	151,2969	123,2463	261,9763	0,1397985	80,63907	120,9367	43,85349	1,645098	0,282835 0	0,00234375	15,97219	
02-02-2021	7:51:00	10,65631	151,2969	123,2062	258,1189	0,1942725	80,65949	120,894	44,97759	1,667533	0,2134658 0	0,00234375	15,96907	
02-02-2021	7:52:00	10,66744	151,2969	123,1662	257,0676	0,1523111	80,70001	120,8513	45,59139	1,665179	0,1261339 0	0,00234375	15,96496	
02-02-2021	7:53:00	10,67857	152,0178	123,1261	257,1691	0,1157421	81,14523	120,8085	46,75677	1,61026	0,3447146	0,00234375	15,96085	
02-02-2021	7:54:00	10,68237	151,7737	123,086	256,2124	0,04852559	81,0976	120,7658	47,16852	1,682299	0,3938414	0,00234375	15,95674	
02-02-2021	7:55:00	10,68338	151,5234	123,0459	256,0946	0,04718886	80,72994	120,7231	47,84462	1,756586	0,1156946	0,00234375	15,95263	
02-02-2021	7:56:00	10,68439	151,5234	123,0059	256,3304	0,07389089	80,41406	120,6803	48,51377	1,69603	0,5617528	0,00234375	15,94852	
02-02-2021	7:57:00	10,68437	151,5234	122,9658	256,524	0,02670996	80,41406	120,6376	49,05791	1,666127	0,3434118	0,00234375	15,94441	
02-02-2021	7:58:00	10,68114	151,5234	122,9257	256,8586	0,2763884	80,53847	120,6348	49,13294	1,687411	0,3917003	0,00234375	15,9403	
02-02-2021	7:59:00	10,67792	151,0264	122,8857	257,097	0,1022588	80,15938	120,6486	49,69796	1,650383	0,5139288	0,00234375	15,9362	
02-02-2021	8:00:00	10,6747	151,1719	122,8456	258,4231	0,1575087	80,70001	120,6625	50,13081	1,643619	0,2684724	0,00234375	15,93209	
02-02-2021	8:01:00	10,67148	151,1719	122,8055	258,2172	0,03132558	80,41406	120,6674	50,33174	1,660044	0,5485928	0,00234375	15,92788	
02-02-2021	8:02:00	10,66826	151,1719	122,7654	256,9777	0,04760116	80,41406	120,6533	50,2962	1,649776	0,4290071	0,00234375	15,92387	
02-02-2021	8:03:00	10,66457	151,1719	122,7254	256,2904	0,1572153	80,46864	120,6392	50,41732	1,697014	0,4400533	0,00234375	15,91976	
02-02-2021	8:04:00	10,66027	151,1719	122,6853	256,2919	0,3684818	80,59219	120,6251	50,44575	1,643162	0,347676	0,00234375	15,91565	
02-02-2021	8:05:00	10,65597	151,3206	122,6452	256,5593	0,1589327	80,6344	120,625	50,47477	1,668205	0,3521106	0,00234375	15,91154	
02-02-2021	8:06:00	10,65167	151,5938	122,6052	257,8265	0,1046275	80,42771	120,625	50,57388	1,753429	0,1931899	0,00234375	15,90743	
02-02-2021	8:07:00	10,64737	151,5938	122,5651	257,8707	0,07645205	80,11407	120,625	50,50611	1,820714	0,8001332	0,00234375	15,90332	
02-02-2021	8:08:00	10,64307	151,5938	122,5293	257,063	0,08008556	80,11406	120,634	50,37465	1,825701	0,2487528	0,00234375	15,89922	
02-02-2021	8:09:00	10,63877	151,5938	122,5293	255,7812	0,3477239	80,11407	120,6485	50,41435	1,855975	0,233264	0,00234375	15,89511	
02-02-2021	8:10:00	10,63447	151,5938	122,5293	257,4135	0,07216716	80,11407	120,663	50,1414	1,897795	0,232116	0,00234375	15,891	
02-02-2021	8:11:00	10,63017	151,5938	122,5319	257,5239	0,4544478	80,11407	120,6667	49,81787	1,880133	0,2030134	0,00234375	15,88689	
02-02-2021	8:12:00	10,62586	151,5938	122,5496	256,9025	0,213689	80,11491	120,6535	49,14249	1,830304	0,1748109	0,00234375	15,88278	
02-02-2021	8:13:00	10,62156	151,5905	122,5673	256,9543	0,35273	80,19913	120,6402	49,87185	1,83791	0,08859374	0,00234375	15,87867	
02-02-2021	8:14:00	10,02469	151,2969	122,5851	258,0393	0,08444808	80,47372	120,6269	49,57556	1,836435	0,3717957	0,00234375	15,87456	
02-02-2021	8:15:00	9,900938	151,2969	122,5879	258,0393	0,1172593	80,48907	120,5922	49,8225	1,862403	0,4915521	0,00234375	15,85856	
02-02-2021	8:16:00	9,954483	151,2969	122,5879	257,7424	0,1239156	79,92049	120,5541	49,67352	1,837654	0,4507421	0,00234375	15,82865	
02-02-2021	8:17:00	9,973359	150,7836	122,5879	258,7356	0,441107	79,70625	120,5159	49,63509	1,884102	0,4890094	0,00234375	15,80143	
02-02-2021	8:18:00	9,992235	150,25	122,5879	258,2689	0,08945543	79,64748	120,5	49,63428	1,855108	0,06750917	0,00234375	15,77421	
02-02-2021	8:19:00	9,900692	150,25	122,5879	257,8835	0,5070028	79,48126	120,5	49,97579	1,853991	0,3812681	0,00234375	15,74699	
02-02-2021	8:20:00	9,941802	150,25	122,5879	256,8248	0,1563127	79,48126	120,5	49,96645	1,848168	0,3409065	0,00234375	15,71977	
02-02-2021	8:21:00	10,02301	150,25	122,608	258,0777	0,4335426	79,92149	120,5026	50,17846	1,897969	0,283991	0,00234375	15,69256	
02-02-2021	8:22:00	9,977322	150,25	122,6897	256,6714	0,02286488	79,78152	120,5172	50,20882	1,838782	0,2031482	0,00234375	15,66534	
02-02-2021	8:23:00	9,89236	150,25	122,7713	257,6035	0,1454998	79,87598	120,5317	50,09978	1,731432	0,1980443	0,00234375	15,63812	
02-02-2021	8:24:00	9,911079	150,6719	122,853	259,7299	0,3147701	80,49867	120,5463	49,36531	1,703313	0,1929404	0,00234375	15,6109	
02-02-2021	8:25:00	10,519	150,6719	122,9346	256,3778	0,07539362	80,51719	120,5469	49,21583	1,68				

Datos DCS 02-02-2021

395MW



	NIVEL DEL DOMO AP -VOTO 2/3 1AFSR_LTX_001(mm)	TEMP DEL DOMO AP 1AFSR TT_002(°C)	NIVEL DEL DOMO IP -VOTO 2/3 1AFRH_LTX_001(mm)	PRESION DEL DOMO IP -VOTO 1/2 1AFRH_PTX_002(bar)	TEMP DEL DOMO IP 1AFRH TT_002(°C)	NIVEL DEL DOMO BP -VOTO 2/3 1AFBL_LTX_001(mm)	TEMP DEL DOMO BP 1AFBL TT_001(°C)	PRESION DEL DOMO BP -VOTO 1/2 1AFBL_PTX_001(bar)	TEMP DESCARGA BBA-AENF 10CRF TT_001(°C)	TEMPERATURA EXTERNA 1/2 COND 2 10CRF TT_202(°C)	TEMPERATURA EXTERNA 1/2 COND 1 10CRF TT_201(°C)
	mm	°C	mm	bar	°C	mm	°C	bar	°C	°C	°C
PROMEDIO	-1,4	314,4	-128,0	29,5	228,9	-82,5	144,4	4,4	23,0	29,8	32,4
DESV EST	0,7692	0,0082	83,0416	0,0623	0,2186	90,6682	0,4312	0,0307	0,0440	0,0022	0,0000
%DESV EST	-56,1206%	0,0026%	-64,8976%	0,2114%	0,0955%	-109,8714%	0,2987%	0,6889%	0,1917%	0,0073%	0,0000%
DATOS	61	61	61	61	61	61	61	61	61	61	61
DURACIÓN	1:00:00										

Fecha	Hora	1AFSR_LTX_001(mm)	1AFSR TT_002(°C)	1AFRH_LTX_001(mm)	1AFRH_PTX_002(bar)	1AFRH TT_002(°C)	1AFBL_LTX_001(mm)	1AFBL TT_001(°C)	1AFBL_PTX_001(bar)	10CRF TT_001(°C)	10CRF TT_202(°C)	10CRF TT_201(°C)
02-02-2021	7:30:00	-1,285614	314,4375	43,56627	29,57331	229,2564	45,20369	144,9596	4,490506	23,04118	29,74988	32,3625
02-02-2021	7:31:00	-1,04171	314,4375	43,64142	29,56981	229,2441	56,04447	144,95	4,48852	23,0387	29,75	32,3625
02-02-2021	7:32:00	-1,142753	314,4375	39,17886	29,5663	229,2318	50,93134	144,9405	4,486533	23,03622	29,75013	32,3625
02-02-2021	7:33:00	-2,26534	314,4375	44,46141	29,56279	229,2194	47,27512	144,9309	4,484546	23,03374	29,75025	32,3625
02-02-2021	7:34:00	-2,548479	314,4375	44,66458	29,55928	229,2071	51,31662	144,9213	4,48256	23,03126	29,75037	32,3625
02-02-2021	7:35:00	-2,229171	314,4375	12,8864	29,55577	229,1948	52,03678	144,9117	4,480573	23,02878	29,7505	32,3625
02-02-2021	7:36:00	-1,909862	314,4375	-8,976501	29,55226	229,1825	52,49209	144,9022	4,478586	23,0263	29,75062	32,3625
02-02-2021	7:37:00	-1,590554	314,4375	-26,9874	29,54876	229,1702	50,65466	144,8926	4,4766	23,02382	29,75074	32,3625
02-02-2021	7:38:00	-1,271245	314,4375	-40,54205	29,54525	229,1579	43,79471	144,883	4,474613	23,02134	29,75087	32,3625
02-02-2021	7:39:00	-0,9519367	314,4375	-45,16791	29,54174	229,1456	51,52181	144,8735	4,472626	23,01886	29,75099	32,3625
02-02-2021	7:40:00	-0,6326282	314,4375	-68,18988	29,53823	229,1332	40,22452	144,8639	4,470639	23,01638	29,75111	32,3625
02-02-2021	7:41:00	-0,3133197	314,4375	-80,37927	29,53472	229,1209	34,20464	144,8543	4,468653	23,0139	29,75124	32,3625
02-02-2021	7:42:00	0,005988717	314,4375	-75,14471	29,53122	229,1086	26,02601	144,8447	4,466666	23,01142	29,75136	32,3625
02-02-2021	7:43:00	0,303512	314,4375	-85,58075	29,52771	229,0963	23,0332	144,8352	4,464679	23,00894	29,75148	32,3625
02-02-2021	7:44:00	0,08246851	314,4375	-83,6438	29,5242	229,084	18,33113	144,8256	4,462693	23,00646	29,7516	32,3625
02-02-2021	7:45:00	-0,138575	314,4375	-96,65405	29,52069	229,0717	15,05431	144,816	4,460706	23,00398	29,75173	32,3625
02-02-2021	7:46:00	-0,3596184	314,4375	-101,132	29,51718	229,0594	11,4025	144,8065	4,458719	23,0015	29,75185	32,3625
02-02-2021	7:47:00	-0,5806619	314,4375	-120,1467	29,51367	229,0471	4,750598	144,7824	4,458416	22,99902	29,75197	32,3625
02-02-2021	7:48:00	-0,8017054	314,4375	-153,8276	29,51017	229,0347	-14,30814	144,7551	4,458227	22,99654	29,7521	32,3625
02-02-2021	7:49:00	-1,022749	314,4375	-201,0536	29,50666	229,0224	-22,48033	144,7277	4,458037	22,99406	29,75222	32,3625
02-02-2021	7:50:00	-1,243792	314,4375	-218,0756	29,50315	229,0101	-17,53165	144,7004	4,457848	22,99158	29,75234	32,3625
02-02-2021	7:51:00	-1,464836	314,4375	-239,0333	29,49964	228,9978	-46,22512	144,673	4,457659	22,9891	29,75247	32,3625
02-02-2021	7:52:00	-1,685879	314,4375	-251,5331	29,49613	228,9855	-53,23085	144,6457	4,457469	22,98662	29,75259	32,3625
02-02-2021	7:53:00	-1,906923	314,4375	-255,9415	29,49262	228,9732	-53,70888	144,6183	4,45728	22,98414	29,75271	32,3625
02-02-2021	7:54:00	-2,127966	314,4375	-250,6394	29,48912	228,9609	-62,45049	144,591	4,45709	22,98166	29,75283	32,3625
02-02-2021	7:55:00	-2,34901	314,4375	-235,1622	29,48561	228,9485	-69,39478	144,5636	4,456901	22,97918	29,75296	32,3625
02-02-2021	7:56:00	-2,570053	314,4375	-243,6286	29,4821	228,9362	-76,40137	144,5363	4,456711	22,9767	29,75308	32,3625
02-02-2021	7:57:00	-2,501776	314,4375	-225,2658	29,47859	228,9239	-80,64381	144,5089	4,456522	22,97422	29,7532	32,3625
02-02-2021	7:58:00	-2,422533	314,4375	-209,6078	29,47508	228,9116	-91,51312	144,4816	4,456333	22,97174	29,75333	32,3625
02-02-2021	7:59:00	-2,34329	314,4375	-203,3258	29,47157	228,8993	-104,9275	144,4543	4,456143	22,96926	29,75345	32,3625
02-02-2021	8:00:00	-2,264047	314,4375	-197,7767	29,46807	228,887	-87,15423	144,4269	4,455954	22,96678	29,75357	32,3625
02-02-2021	8:01:00	-2,184804	314,4375	-204,353	29,46456	228,8747	-133,7964	144,3996	4,455764	22,9643	29,7537	32,3625
02-02-2021	8:02:00	-2,105561	314,4375	-195,615	29,46105	228,8624	-121,9619	144,3722	4,455575	22,96182	29,75382	32,3625
02-02-2021	8:03:00	-2,026319	314,4375	-209,1707	29,45754	228,8501	-122,9244	144,3449	4,455386	22,95934	29,75394	32,3625
02-02-2021	8:04:00	-1,947076	314,4375	-212,7589	29,45403	228,8377	-130,5184	144,3175	4,455196	22,95686	29,75407	32,3625
02-02-2021	8:05:00	-1,867833	314,4375	-208,6215	29,45053	228,8254	-140,193	144,2902	4,455007	22,95438	29,75419	32,3625
02-02-2021	8:06:00	-1,78859	314,4375	-213,4878	29,44702	228,8131	-139,9604	144,2628	4,454817	22,9519	29,75431	32,3625
02-02-2021	8:07:00	-1,709347	314,4375	-211,7634	29,44351	228,8008	-148,1733	144,2355	4,454628	22,94942	29,75443	32,3625
02-02-2021	8:08:00	-1,630104	314,4375	-196,0263	29,44	228,7885	-144,3044	144,2081	4,454439	22,94694	29,75456	32,3625
02-02-2021	8:09:00	-1,550861	314,4375	-190,2797	29,43649	228,7762	-158,7407	144,1808	4,454249	22,94446	29,75468	32,3625
02-02-2021	8:10:00	-1,471619	314,4375	-172,6693	29,43298	228,7639	-151,937	144,1534	4,45406	22,94198	29,7548	32,3625
02-02-2021	8:11:00	-1,392376	314,4375	-146,2151	29,42948	228,7515	-149,37	144,1261	4,45387	22,9395	29,75493	32,3625
02-02-2021	8:12:00	-1,313133	314,4375	-142,5767	29,42597	228,7392	-169,3923	144,0988	4,453681	22,93702	29,75505	32,3625
02-02-2021	8:13:00	-1,229006	314,4375	-106,497	29,42246	228,7269	-169,3222	144,0714	4,453491	22,93454	29,75517	32,3625
02-02-2021	8:14:00	-1,125739	314,4375	-128,4091	29,41895	228,7146	-169,5295	144,0441	4,453302	22,93206	29,75529	32,3625
02-02-2021	8:15:00	-1,022472	314,4375	-116,2843	29,41544	228,7023	-186,6075	144,0167	4,453113	22,92958	29,75542	32,3625
02-02-2021	8:16:00	-0,9192051	314,4375	-103,8041	29,41193	228,69	-173,5402	143,9894	4,452923	22,9271	29,75554	32,3625
02-02-2021	8:17:00	-0,8159381	314,4375	-99,53217	29,40843	228,6777	-182,1749	143,962	4,452734	22,92462	29,75566	32,3625
02-02-2021	8:18:00	-0,7126712	314,4375	-98,67877	29,40492	228,6654	-179,0957	143,9347	4,452544	22,92214	29,75579	32,3625
02-02-2021	8:19:00	-0,6094043	314,4375	-118,1724	29,40141	228,653	-185,5601	143,9073	4,452355	22,91966	29,75591	32,3625
02-02-2021	8:20:00	-0,5061374	314,4375	-111,8113	29,3979	228,6407	-183,1163	143,88	4,443269	22,91718	29,75603	32,3625
02-02-2021	8:21:00	-0,4028705	314,4375	-118,6877	29,39439	228,6284	-181,7352	143,8526	4,433629	22,9147	29,75616	32,3625
02-02-2021	8:22:00	-0,2996035	314,4375	-132,8414	29,39088	228,6161	-183,7472	143,8253	4,423989	22,91222	29,75628	32,3625
02-02-2021	8:23:00	-0,3596886	314,4375	-148,2692	29,38738	228,6038	-171,97	143,798	4,414349	22,90974	29,7564	32,3625
02-02-2021	8:24:00	-0,699891	314,4375	-151,3881	29,38387	228,5915	-175,5922	143,7706	4,404708	22,90726	29,75653	32,3625
02-02-2021	8:25:00	-1,040093	314,4375	-131,4885	29,38036	228,5792	-174,2746	143,7433	4,395068	22,90478	29,75665	32,3625
02-02-2021	8:26:00	-1,380296	314,4375	-119,8389	29,37685	228,5668	-170,3245	143,7159	4,385428	22,9023	29,75677	32,3625
02-02-2021	8:27:00	-1,720498	314,4375	-104,4076	29,37334	228,5545	-182,3188	143,6886	4,375788	22,89982	29,7569	32,3625
02-02-2021	8:28:00	-2,060701	314,4375	-82,81451	29,36983	228,5422	-188,5067	143,6612	4,366148	22,89734	29,75702	32,3625
02-02-2021	8:29:00	-2,400903	314,4375	-76,40533	29,36633	228,5299	-179,327	143,6339	4,356508	22,89486	29,75714	32,3625
02-02-2021	8:30:00	-2,741106	314,3734	-63,54407	29,36282	228,5176	-180,163	143,6065	4,346868	22,89238	29,75727	32,3625

Datos DCS 02-02-2021
360MW



	ENT COMPRES TERMOC 1A	ENT COMPRES TERMOC 1B	ENT COMPRES TERMOC 2A	PRESION ENTRADA COMPRESOR 96	FACTOR DE POTENCIA CALCULADO	WATT MAXIMO GEN SELECCIONADO	MEDC CARGA GEN TUR (1/2)	CORRIENTE EXCIT GEN EX2K	VOLTAJE EXCIT GEN EX2K	EXCITACION CORRIENTE	EXCITACION VOLTAJE	FLUJO COMBUSTIBLE	PRESION DE ENTRADA A TURBINA GAS
	1ATRE_CTIF1A(°C)	1ATRE_CTIF1B(°C)	1ATRE_CTIF2A(°C)	1ATRE_AFPCS(mm.H2O)	1ATRE_DPF()	1ATRE_DWATT(MW)	10GGE_SNX_001(MW)	1ATRE_EX2K_FLD_A(A)	1ATRE_EX2K_FLD_V(V)	10GEX_IJ_001(A)	10GEX_EI_001(V)	1ATRE_FOG(kg/s)	1ASGZ_PT_019(bar)
	°C	°C	°C	mm.H2O		MW	MW	A	V	A	V	kg/s	bar
PROMEDIO	16,2	16,6	16,5	50,8	1,0	239,4	129,9935	1224,6	366,3	851,0	126,5	#DIV/0!	31,5
DESV EST	0,3308	0,4992	0,5017	3,6680	0,0035	0,3531	3,5393	37,8504	13,9222	15,3924	2,6136	#DIV/0!	0,0012
%DESV EST	2,0377%	3,0058%	3,0489%	7,2252%	0,3624%	0,1475%	2,7893%	3,0909%	3,8007%	1,8088%	2,0659%	#DIV/0!	0,0040%
DATOS	61	61	61	61	61	61	61	61	61	61	61	0	61
DURACIÓN	1:00:00	PROM-PROM		16,4									

Fecha	Hora	1ATRE_CTIF1A(°C)	1ATRE_CTIF1B(°C)	1ATRE_CTIF2A(°C)	1ATRE_AFPCS(mm.H2O)	1ATRE_DPF()	1ATRE_DWATT(MW)	10GGE_SNX_001(MW)	1ATRE_EX2K_FLD_A(A)	1ATRE_EX2K_FLD_V(V)	10GEX_IJ_001(A)	10GEX_EI_001(V)	1ATRE_FOG(kg/s)	1ASGZ_PT_019(bar)
02-02-2021	9:00:00	16,04423	16,12493	16,05498	54,40435	0,9734086	239,9171	129,9935	1259,048	375,9829	863,9459	128,818 0	31,46158	
02-02-2021	9:01:00	15,97944	16,03905	15,81164	53,4906	0,9729549	239,85	130,3753	1249,556	377,4272	863,2351	128,2099 0	31,46172	
02-02-2021	9:02:00	15,91465	16,03337	15,93987	53,97133	0,9725011	239,7829	130,2254	1259,892	375,0668	861,8155	131,452 0	31,46186	
02-02-2021	9:03:00	16,02035	16,37364	16,06606	54,59393	0,9720474	239,7158	130,1076	1252,359	381,0183	858,2141	129,1358 0	31,46201	
02-02-2021	9:04:00	16,12385	16,06656	16,1986	54,37956	0,9715936	239,6487	129,9417	1257,59	378,7278	865,8322	129,4554 0	31,46215	
02-02-2021	9:05:00	16,24298	16,43541	16,03835	54,92315	0,9711399	239,5816	130,0194	1255,79	376,8762	860,5835	126,7559 0	31,4623	
02-02-2021	9:06:00	16,07417	16,47959	15,72644	53,86435	0,9706861	239,5145	129,8607	1259,757	376,2101	866,9118	127,0874 0	31,46244	
02-02-2021	9:07:00	15,82927	16,14915	15,91903	54,53222	0,9702324	239,4854	130,0232	1255,94	379,2178	858,345	128,8141 0	31,46258	
02-02-2021	9:08:00	16,15999	15,81134	15,85546	54,19447	0,9697787	239,4605	129,7207	1256,448	379,0384	861,9818	127,2357 0	31,46273	
02-02-2021	9:09:00	16,33937	16,47201	15,79188	53,69821	0,9693249	239,4357	129,5622	1258,983	378,1072	860,0861	124,8695 0	31,46287	
02-02-2021	9:10:00	16,47936	16,40915	16,14715	54,56344	0,9688712	239,4108	129,2521	1253,781	373,4196	862,2121	126,4732 0	31,46301	
02-02-2021	9:11:00	16,25769	15,93111	16,21183	53,9195	0,9684174	239,3859	129,9606	1251,494	377,183	853,8707	127,2477 0	31,46316	
02-02-2021	9:12:00	16,47563	16,16839	16,41269	53,96106	0,9679637	239,3611	129,4111	1252,161	376,6887	856,9868	126,3306 0	31,4633	
02-02-2021	9:13:00	16,49509	16,46513	16,21676	53,14727	0,9675099	239,3362	129,6367	1252,84	372,9052	861,0164	132,2351 0	31,46344	
02-02-2021	9:14:00	16,4359	16,33826	16,1835	54,6039	0,9670562	239,3113	129,7461	1248,02	375,8589	855,4724	130,4746 0	31,46359	
02-02-2021	9:15:00	15,88813	16,13098	15,75793	53,98969	0,9666024	239,2865	130,3267	1249,616	380,0729	854,6976	126,214 0	31,46373	
02-02-2021	9:16:00	15,94513	16,21253	15,9013	53,52218	0,9661487	239,2616	130,0025	1258,175	380,7729	863,736	128,4661 0	31,46387	
02-02-2021	9:17:00	16,06069	16,24036	16,04467	53,75705	0,965695	239,2367	130,1816	1259,281	382,1264	864,261	130,2634 0	31,46402	
02-02-2021	9:18:00	16,23057	16,24373	16,14398	53,35358	0,9653109	239,2118	129,8692	1261,096	378,5322	866,6143	126,112 0	31,46416	
02-02-2021	9:19:00	16,22375	16,36394	16,14622	54,84442	0,9653011	239,187	129,8144	1261,745	379,0734	866,4352	125,8076 0	31,46431	
02-02-2021	9:20:00	16,21694	16,27291	16,33799	54,02877	0,9652913	239,1621	130,1728	1263,654	380,2442	866,9487	127,2536 0	31,46445	
02-02-2021	9:21:00	15,93485	16,47044	16,08175	54,59163	0,9652814	239,1372	129,8636	1269,818	383,2031	871,6183	130,0732 0	31,46459	
02-02-2021	9:22:00	15,8379	16,43836	16,29645	53,93538	0,9652716	239,1124	129,6944	1264,363	383,4275	867,9941	126,581 0	31,46474	
02-02-2021	9:23:00	16,32577	16,36398	16,35451	53,47223	0,9652618	239,1408	130,1963	1262,58	377,1391	866,9536	125,2357 0	31,46488	
02-02-2021	9:24:00	15,92835	16,58354	16,80431	54,04626	0,9652519	239,1765	130,4001	1251,065	378,0129	862,6337	132,577 0	31,46502	
02-02-2021	9:25:00	16,38813	16,56985	16,59153	53,85305	0,9652421	239,2122	129,8354	1264,826	381,1214	867,311	124,142 0	31,46517	
02-02-2021	9:26:00	15,57403	16,55616	16,32672	54,31136	0,9652323	239,2479	129,7752	1263,232	379,8104	866,3388	125,9167 0	31,46531	
02-02-2021	9:27:00	16,14189	16,54247	16,15473	54,04613	0,9652224	239,2836	130,101	1263,227	380,0317	867,2472	130,0709 0	31,46546	
02-02-2021	9:28:00	15,59043	16,52878	15,79912	54,09843	0,9652126	239,3193	129,8039	1261,054	382,1044	863,9155	128,8286 0	31,4656	
02-02-2021	9:29:00	15,64953	16,51509	15,93543	54,29576	0,9652027	239,355	129,871	1263,101	377,5369	867,7747	128,1601 0	31,46574	
02-02-2021	9:30:00	15,58715	16,5014	16,12048	53,37997	0,9651929	239,3907	129,6483	1264,083	380,6506	867,8846	128,5931 0	31,46589	
02-02-2021	9:31:00	16,0816	16,44225	16,39724	53,68699	0,9651831	239,4263	129,5036	1260,066	378,3665	866,1166	130,0874 0	31,46603	
02-02-2021	9:32:00	16,05315	16,37691	16,15191	53,61651	0,9651732	239,462	129,7139	1252,586	378,6349	867,4649	130,4703 0	31,46614	
02-02-2021	9:33:00	15,84048	16,42781	15,84792	51,1483	0,9651634	239,4977	129,2794	1234,223	371,8636	865,2935	127,4736 0	31,46631	
02-02-2021	9:34:00	16,56505	16,43546	16,0494	49,4052	0,9651536	239,5334	128,3064	1203,348	361,33	850,7994	125,8207 0	31,46589	
02-02-2021	9:35:00	16,37106	16,36157	16,61361	47,94299	0,9651437	239,5691	127,0582	1190,853	358,5538	855,9913	127,1516 0	31,46576	
02-02-2021	9:36:00	16,39199	16,28767	16,43088	46,4137	0,9651339	239,6048	125,4803	1166,791	348,5455	845,9863	127,2047 0	31,46564	
02-02-2021	9:37:00	15,91447	16,21378	16,37678	45,77519	0,9651241	239,6405	124,3	1170,496	344,4185	840,1992	125,528 0	31,46551	
02-02-2021	9:38:00	15,82827	16,14797	16,34511	46,76768	0,9651142	239,6762	124,0602	1172,849	347,2088	837,5215	124,6426 0	31,46538	
02-02-2021	9:39:00	15,9871	16,10163	16,33037	46,65623	0,9651044	239,7119	123,0036	1175,615	353,8235	830,6762	124,646 0	31,46526	
02-02-2021	9:40:00	16,15422	16,0553	16,04058	47,97958	0,9650946	239,7476	122,3917	1181,392	353,7196	833,4839	124,8184 0	31,46513	
02-02-2021	9:41:00	16,32227	16,20616	16,83649	47,22334	0,9650847	239,7833	122,3266	1177,579	351,1154	824,4823	121,9711 0	31,46501	
02-02-2021	9:42:00	16,72721	16,73769	16,70264	46,1697	0,9649609	239,819	122,2592	1182,492	352,2335	832,1581	124,7399 0	31,46488	
02-02-2021	9:43:00	16,37485	16,81849	16,81926	45,99822	0,9646055	239,8547	122,1084	1185,239	349,8748	831,4926	122,4859 0	31,46476	
02-02-2021	9:44:00	16,74564	17,08095	16,93587	46,53843	0,9642501	239,8904	122,4892	1181,491	351,9748	830,4927	122,5844 0	31,46463	
02-02-2021	9:45:00	16,90285	17,38399	17,05248	45,71453	0,9638947	239,9261	122,0902	1180,848	352,4059	829,6868	123,1887 0	31,4645	
02-02-2021	9:46:00	16,87881	17,13991	17,1228	46,72018	0,9635393	239,9259	122,2699	1187,781	351,868	834,7939	125,0078 0	31,46438	
02-02-2021	9:47:00	16,15702	17,3811	17,16761	46,90858	0,9631839	239,8133	122,499	1180,304	346,5338	824,8904	124,474 0	31,46425	
02-02-2021	9:48:00	16,75102	17,72132	17,23454	47,07531	0,9628285	239,7007	122,0093	1180,05	351,1754	832,092	122,9061 0	31,46413	
02-02-2021	9:49:00	16,53613	17,63107	17,31592	47,47028	0,9624732	239,588	122,3906	1182,175	350,4602	830,9834	125,8623 0	31,464	
02-02-2021	9:50:00	16,37146	17,43559	17,25848	46,76632	0,9621177	239,4754	122,8001	1185,469	354,0457	832,5308	126,2784 0	31,46387	
02-02-2021	9:51:00	16,52031	17,43676	17,29109	46,42399	0,9617624	239,3628	122,6885	1185,646	349,6477	837,9875	125,5535 0	31,46375	
02-02-2021	9:52:00	16,75263	17,43792	17,24417	46,51831	0,9614069	239,2501	122,6605	1184,037	349,2065	831,3428	122,3819 0	31,46362	
02-02-2021	9:53:00	16,18291	17,4382	17,45276	46,3743	0,9610516	239,1375	122,8929	1180,594	353,0828	830,2413	122,7849 0	31,4635	
02-02-2021	9:54:00	16,61037	17,4382	17,2256	46,52264	0,9609662	239,0249	122,5056	1182,537	350,61	829,5957	123,1765 0	31,46337	
02-02-2021	9:55:00	16,25731	17,38426	16,86196	45,74614	0,9603408	238,9122	122,7084	1178,395	347,8162	830,1997	124,4069 0	31,46325	
02-02-2021	9:56:00	16,21356	17,29456	16,8739	46,70806	0,9599854	238,7996	122,5011	1179,338	349,387	830,9656	125,7714 0	31,46312	
02-02-2021	9:57:00	16,20333	17,18586	17,08132	46,8527	0,95963	238,687	122,328	1186,619	347,5949	835			

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		PRESION DE ENTRADA A FILTROS		TEMPERATURA COMBUSTIBLE		PRES VAPOR VIVO (1/2)		TEMPERATURA VAPOR AP		PRESION VAPOR AP -VOTO 1/2		FLUJO DE VAPOR AP		PRESION ARRIBA PALETAS AP		TEMP SUPERFICIE TUR AP (2/3)		PRESION CONDENSADOR		PRESION CONDENSADOR		PRESION CONDENSADOR		PRES VAP RECAL FRIO		TEMP VAPOR RECALENTADO FRIO		PRESION DE VAPOR IP	
		1ASGZ_PT_015(bar)		1ATRE_FTG(°C)		10GMA_PTX_010(bar)		10VVP TT_012(°C)		1AFSR_PTX_003(bar)		1AFSR_FTV_005(t/h)		10GMA_PT_011(bar)		10GMA_TTX_011(°C)		10CVI_PIT_001A(mbar-A)		10CVI_PIT_001B(mbar-A)		10CVI_PIT_001C(mbar-A)		10GMA_PT_021(bar)		10VVP TT_021(°C)		1AFRH_PT_004A(bar)	
		bar		°C		bar		°C		bar		t/h		bar		°C		mbar-A		mbar-A		mbar-A		bar		°C		bar	
		PROMEDIO		31,4		37,4		91,7		566,5		93,6		88,8		533,2		66,8		58,1		51,0		27,1		397,6		27,1	
		DESV EST		0,0021		0,3283		0,1162		0,0000		0,2166		7,7927		0,1043		0,0000		0,0000		0,0000		0,0672		0,1589		0,0372	
		%DESV EST		0,0067%		0,8774%		0,1268%		0,0000%		0,2315%		3,0489%		0,0196%		0,0000%		0,0000%		0,0000%		0,2477%		0,0400%		0,1371%	
		DATOS		61		61		61		61		61		61		61		61		61		61		61		61		61	

Fecha	Hora																											
02-02-2021	9:00:00	31,43612	36,81146	91,73476	566,5313	93,91886	262,2339	91,14268	532,9285	66,81641	58,13672	51,00391	27,24436	397,3385	27,17072													
02-02-2021	9:01:00	31,43618	36,83257	91,73849	566,5313	93,90666	262,2279	90,99512	532,9476	66,81641	58,13672	51,00391	27,24058	397,3474	27,16862													
02-02-2021	9:02:00	31,43624	36,85367	91,74222	566,5313	93,89446	261,929	91,30571	532,9666	66,81641	58,13672	51,00391	27,23679	397,3564	27,16653													
02-02-2021	9:03:00	31,43631	36,87477	91,74594	566,5313	93,88226	262,7352	91,10255	532,9856	66,81641	58,13672	51,00391	27,23301	397,3653	27,16444													
02-02-2021	9:04:00	31,43637	36,89587	91,74966	566,5313	93,87006	262,0495	91,2283	533,0046	66,81641	58,13672	51,00391	27,22922	397,3743	27,16234													
02-02-2021	9:05:00	31,43643	36,91697	91,7534	566,5313	93,85786	262,2929	91,2607	533,0236	66,81641	58,13672	51,00391	27,22543	397,3832	27,16025													
02-02-2021	9:06:00	31,4365	36,93808	91,75712	566,5313	93,84566	262,247	91,13718	533,0426	66,81641	58,13672	51,00391	27,22165	397,3922	27,15816													
02-02-2021	9:07:00	31,43656	36,95918	91,76084	566,5313	93,83345	262,6987	91,06517	533,0616	66,81641	58,13672	51,00391	27,21786	397,4011	27,15606													
02-02-2021	9:08:00	31,43662	36,98028	91,76456	566,5313	93,82125	262,5084	91,02734	533,0806	66,81641	58,13672	51,00391	27,21408	397,4101	27,15397													
02-02-2021	9:09:00	31,43669	37,00138	91,7683	566,5313	93,80905	262,0414	91,24892	533,0996	66,81641	58,13672	51,00391	27,21029	397,419	27,15188													
02-02-2021	9:10:00	31,43675	37,02248	91,77202	566,5313	93,79685	261,9868	90,96293	533,1017	66,81641	58,13672	51,00391	27,2065	397,428	27,14978													
02-02-2021	9:11:00	31,43681	37,04358	91,77596	566,5313	93,78465	262,2496	91,00514	533,1035	66,81641	58,13672	51,00391	27,20272	397,4369	27,14769													
02-02-2021	9:12:00	31,43687	37,06469	91,77969	566,5313	93,77245	262,1207	91,08156	533,1053	66,81641	58,13672	51,00391	27,19893	397,4459	27,1456													
02-02-2021	9:13:00	31,43694	37,08579	91,78343	566,5313	93,76025	261,6055	90,95896	533,1071	66,81641	58,13672	51,00391	27,19515	397,4548	27,14351													
02-02-2021	9:14:00	31,437	37,10689	91,78716	566,5313	93,74804	262,2684	91,04372	533,1088	66,81641	58,13672	51,00391	27,19136	397,4638	27,14141													
02-02-2021	9:15:00	31,43706	37,12799	91,79089	566,5313	93,73584	262,0548	91,07394	533,1107	66,81641	58,13672	51,00391	27,18757	397,4727	27,13932													
02-02-2021	9:16:00	31,43713	37,14909	91,79462	566,5313	93,72364	262,5145	90,93565	533,1124	66,81641	58,13672	51,00391	27,18379	397,4817	27,13723													
02-02-2021	9:17:00	31,43719	37,1702	91,69936	566,5313	93,71144	262,1746	91,1586	533,1142	66,81641	58,13672	51,00391	27,18	397,4906	27,13513													
02-02-2021	9:18:00	31,43725	37,1913	91,68768	566,5313	93,69923	262,2426	91,08659	533,116	66,81641	58,13672	51,00391	27,17622	397,4996	27,13304													
02-02-2021	9:19:00	31,43731	37,2124	91,67602	566,5313	93,68703	262,7637	91,13506	533,1177	66,81641	58,13672	51,00391	27,17243	397,5085	27,13095													
02-02-2021	9:20:00	31,43738	37,23545	91,66434	566,5313	93,67484	261,9585	91,17227	533,1195	66,81641	58,13672	51,00391	27,16864	397,5175	27,12885													
02-02-2021	9:21:00	31,43744	37,25957	91,65268	566,5313	93,66263	262,5364	91,32682	533,1213	66,81641	58,13672	51,00391	27,16486	397,5264	27,12676													
02-02-2021	9:22:00	31,4375	37,2837	91,64101	566,5313	93,65043	261,9114	91,23788	533,1231	66,81641	58,13672	51,00391	27,16107	397,5354	27,12467													
02-02-2021	9:23:00	31,43756	37,30782	91,62934	566,5313	93,63823	261,8264	91,08132	533,1249	66,81641	58,13672	51,00391	27,15729	397,5443	27,12258													
02-02-2021	9:24:00	31,43763	37,33195	91,61768	566,5313	93,62603	262,2575	90,98064	533,1266	66,81641	58,13672	51,00391	27,1535	397,5533	27,12048													
02-02-2021	9:25:00	31,43769	37,35607	91,60601	566,5313	93,61382	262,4846	91,17715	533,1284	66,81641	58,13672	51,00391	27,14972	397,5622	27,11839													
02-02-2021	9:26:00	31,43775	37,3802	91,59434	566,5313	93,60162	262,4563	91,03042	533,1302	66,81641	58,13672	51,00391	27,14593	397,5712	27,11629													
02-02-2021	9:27:00	31,43782	37,40432	91,58267	566,5313	93,58942	262,0489	91,08625	533,132	66,81641	58,13672	51,00391	27,14214	397,5801	27,1142													
02-02-2021	9:28:00	31,43788	37,42844	91,57101	566,5313	93,57722	262,1938	91,10329	533,1338	66,81641	58,13672	51,00391	27,13836	397,5891	27,11211													
02-02-2021	9:29:00	31,43794	37,45257	91,55933	566,5313	93,56502	262,6777	91,09975	533,1356	66,81641	58,13672	51,00391	27,13457	397,598	27,11002													
02-02-2021	9:30:00	31,43801	37,47669	91,54767	566,5313	93,55282	262,0963	91,0284	533,1373	66,81641	58,13672	51,00391	27,13078	397,607	27,10792													
02-02-2021	9:31:00	31,43807	37,50082	91,536	566,5313	93,54062	262,3505	91,06539	533,1391	66,81641	58,13672	51,00391	27,127	397,6159	27,10583													
02-02-2021	9:32:00	31,43815	37,52494	91,52433	566,5313	93,52841	262,1084	91,06474	533,1409	66,81641	58,13672	51,00391	27,12321	397,6249	27,10374													
02-02-2021	9:33:00	31,43823	37,54906	91,51266	566,5313	93,51621	261,3939	90,99708	533,1426	66,81641	58,13672	51,00391	27,11943	397,6338	27,10164													
02-02-2021	9:34:00	31,43831	37,57319	91,50099	566,5313	93,50401	258,3684	89,91131	533,1445	66,81641	58,13672	51,00391	27,11564	397,6428	27,09955													
02-02-2021	9:35:00	31,43838	37,59732	91,48933	566,5313	93,49181	255,5612	88,7654	533,1462	66,81641	58,13672	51,00391	27,11186	397,6517	27,09746													
02-02-2021	9:36:00	31,43846	37,62144	91,47766	566,5313	93,47961	252,694	87,64693	533,148	66,81641	58,13672	51,00391	27,10807	397,6607	27,09537													
02-02-2021	9:37:00	31,43904	37,64557	91,48457	566,5313	93,46741	250,1038	86,9256	533,1498	66,81641	58,13672	51,00391	27,10428	397,6696	27,09327													
02-02-2021	9:38:00	31,43922	37,66969	91,50424	566,5313	93,45521	248,4893	86,32787	533,1516	66,81641	58,13672	51,00391	27,1005	397,6786	27,09118													
02-02-2021	9:39:00	31,4394	37,69381	91,52392	566,5313	93,443	246,399	85,91187	533,1533	66,81641	58,13672	51,00391	27,09671	397,6875	27,08909													
02-02-2021	9:40:00	31,43958	37,71794	91,54359	566,5313	93,4308	245,5642	85,64809	533,1552	66,81641	58,13672	51,00391	27,09293	397,6965	27,08699													
02-02-2021	9:41:00	31,43976	37,74206	91,56326	566,5313	93,4186	246,0361	85,60657	533,1569	66,81641	58,13672	51,00391	27,08914	397,7054	27,0849													
02-02-2021	9:42:00	31,43994	37,76619	91,58294	566,5313	93,4064	245,4328	85,34997	533,1587	66,81641	58,13672	51,00391	27,08535	397,7144	27,08281													
02-02-2021	9:43:00	31,44012	37,79031	91,60262	566,5313	93,3942	245,8733	85,48127	533,1605	66,81641	58,13672	51,00391	27,08157	397,7233	27,08071													
02-02-2021	9:44:00	31,4403	37,79222	91,62229	566,5313	93,382	245,9797	85,3176	533,178	66,81641	58,13672	51,00391	27,07778	397,7323	27,07862													
02-02-2021	9:45:00	31,44048	37,78811	91,64197	566,5313	93,3698	245,8811	85,45162	533,1921	66,81641	58,13672	51,00391	27,074	397,7412	27,07653													
02-02-2021	9:46:00	31,44066	37,78399	91,66164	566,5313	93,35759	245,5049	85,23215	533,2062	66,81641	58,13672	51,00391	27,07021	397,7502	27,07443													
02-02-2021	9:47:00	31,44084	37,77987	91,68132	566,5313	93,34539	245,6667	85,30508	533,2203	66,81641	58,13672	51,00391	27,06643	397,7591	27,07234													
02-02-2021	9:48:00	31,44102	37,77575	91,701	566,5313	93,33319	246,3481	85,3713	533,2344	66,81641	58,13672	51,00391	27,06264	397,7681	27,07025													
02-02-2021	9:49:00	31																										

Datos DCS 02-02-2021

360MW



	PRESION DE VAPOR IP	TEMP DE VAPOR SOBCAL IP	FLUJO VAPOR TOTAL BYPASS IP	TEMP DE VAPOR IP	TEMP DE VAPOR IP	TEMP DE VAPOR IP	PRES VAP REGENERADO CAL (1/2)	TEMP VAPOR MP ENTRADA TURBINA	TEMP DE VAPOR BP -VOTO 1/2	TEMP DE VAPOR BP	TEMP DE VAPOR BP	PRESION VAPOR BP	PRESION VAPOR BP	PRESION VAPOR BP -VOTO 1/2	FLUJO DE VAPOR BP
	1AFRH_PT_004B(bar)	1AFRH TT_008(°C)	10GMP_UN_861(t/h)	1AFRH TT_005A(°C)	1AFRH TT_005B(°C)	1AFRH TT_005C(°C)	10GMA_PTX_030(bar)	10VVP TT_031(°C)	1AFLB_TTX_002(°C)	1AFLB TT_002A(°C)	1AFLB TT_002B(°C)	1AFLB_PT_003A(bar)	1AFLB_PT_003B(bar)	1AFLB_PTX_003(bar)	1AFLB_FTV_004(t/h)
	bar	°C	t/h	°C	°C	°C	bar	°C	°C	°C	°C	bar	bar	bar	t/h
PROMEDIO	26,2	298,3	300,8	564,1	564,5	562,0	25,8	559,8	297,8	298,6	297,5	3,2	3,6	3,6	49,5
DES V EST	0,0826	0,3877	8,4271	0,6170	0,6466	0,0502	0,0778	0,2935	0,3601	0,5278	0,3802	0,0410	0,0389	0,0411	1,6962
%DES V EST	0,3151%	0,1300%	2,8011%	0,1094%	0,1145%	0,0089%	0,3017%	0,0524%	0,1209%	0,1768%	0,1278%	1,2863%	1,0784%	1,1513%	3,4273%
DATOS	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
DURACIÓN	1:00:00														

Fecha	Hora															
02-02-2021	9:00:00	26,35893	298,9951	308,1111	563,0114	563,4458	561,9283	25,72815	560,3098	298,3711	299,4885	298,1835	3,253133	3,668939	3,673958	50,81047
02-02-2021	9:01:00	26,35428	298,9732	307,9086	563,0461	563,4822	561,9312	25,72326	560,2933	298,3508	299,4588	298,1621	3,250826	3,666675	3,635644	50,87789
02-02-2021	9:02:00	26,34962	298,9514	308,4032	563,0809	563,5186	561,934	25,71838	560,2768	298,3305	299,4291	298,1407	3,248519	3,664561	3,63333	50,39499
02-02-2021	9:03:00	26,34497	298,9295	308,3657	563,1156	563,5551	561,9368	25,71349	560,2603	298,3102	299,3994	298,1193	3,246212	3,662373	3,631015	50,60521
02-02-2021	9:04:00	26,34031	298,9077	308,0462	563,1504	563,5915	561,9396	25,71387	560,2437	298,2899	299,3696	298,0978	3,243906	3,660184	3,628701	50,95536
02-02-2021	9:05:00	26,33566	298,8859	308,1271	563,1851	563,6279	561,9425	25,71786	560,2272	298,2697	299,3399	298,0764	3,241599	3,657995	3,626387	50,98654
02-02-2021	9:06:00	26,33101	298,864	307,6468	563,2199	563,6643	561,9453	25,72185	560,2106	298,2494	299,3102	298,055	3,239292	3,655806	3,624072	50,93454
02-02-2021	9:07:00	26,32635	298,8422	308,041	563,2546	563,7007	561,9481	25,72584	560,1942	298,2291	299,2804	298,0336	3,236985	3,653618	3,621758	51,33804
02-02-2021	9:08:00	26,3217	298,8203	307,9225	563,2894	563,7372	561,951	25,72983	560,1776	298,2088	299,2507	298,0122	3,234678	3,651429	3,619444	50,71925
02-02-2021	9:09:00	26,31704	298,7985	308,087	563,3242	563,7736	561,9538	25,73382	560,1611	298,1885	299,2211	297,9908	3,232371	3,64924	3,617129	50,58847
02-02-2021	9:10:00	26,31239	298,7766	307,8919	563,3589	563,81	561,9566	25,7378	560,1445	298,1682	299,1913	297,9694	3,230064	3,647051	3,614815	51,01161
02-02-2021	9:11:00	26,30774	298,7548	308,0327	563,3937	563,8464	561,9595	25,74179	560,128	298,1479	299,1615	297,948	3,227757	3,644862	3,612501	51,22295
02-02-2021	9:12:00	26,30308	298,733	307,4214	563,4285	563,8829	561,9623	25,74578	560,1115	298,1277	299,1318	297,9265	3,225451	3,642674	3,610186	51,07397
02-02-2021	9:13:00	26,29843	298,7111	307,6016	563,4632	563,9193	561,9651	25,74977	560,095	298,1074	299,1021	297,9051	3,223144	3,640485	3,607825	50,7252
02-02-2021	9:14:00	26,29377	298,6893	308,1163	563,4979	563,9557	561,968	25,75377	560,0784	298,0871	299,0723	297,8837	3,220837	3,638296	3,60558	51,0792
02-02-2021	9:15:00	26,28912	298,6674	307,7722	563,5327	563,9921	561,9708	25,75776	560,0619	298,0668	299,0426	297,8623	3,21853	3,636107	3,603243	50,77351
02-02-2021	9:16:00	26,28447	298,6456	308,0363	564,0286	564,0286	561,9736	25,76175	560,0453	298,0465	299,0128	297,8409	3,216223	3,600929	3,600929	50,58896
02-02-2021	9:17:00	26,27981	298,6238	307,7343	563,6022	564,0649	561,9764	25,76574	560,0288	298,0262	298,9831	297,8195	3,213916	3,63173	3,598615	50,87144
02-02-2021	9:18:00	26,27516	298,6019	307,9415	563,637	564,1014	561,9792	25,76972	560,0123	298,006	298,9534	297,7981	3,211609	3,629541	3,5963	50,88807
02-02-2021	9:19:00	26,2705	298,5801	307,8184	563,6718	564,1378	561,9821	25,77371	559,9958	297,9857	298,9237	297,7766	3,209302	3,627352	3,593986	51,01151
02-02-2021	9:20:00	26,26585	298,5583	307,8364	563,7065	564,1743	561,9849	25,7777	559,9792	297,9654	298,894	297,7552	3,206995	3,625164	3,591572	50,84338
02-02-2021	9:21:00	26,2612	298,5364	307,9437	563,7413	564,2106	561,9877	25,78169	559,9627	297,9451	298,8642	297,7338	3,204689	3,622975	3,589357	50,71938
02-02-2021	9:22:00	26,25654	298,5146	307,8271	563,776	564,2471	561,9905	25,78568	559,9462	297,9248	298,8345	297,7124	3,202382	3,620786	3,587043	51,41549
02-02-2021	9:23:00	26,25189	298,4927	308,3099	563,8108	564,2835	561,9933	25,78967	559,9296	297,9046	298,8047	297,691	3,200075	3,618597	3,584729	51,05376
02-02-2021	9:24:00	26,24723	298,4709	308,1272	563,8455	564,3199	561,9962	25,79366	559,9131	297,8843	298,775	297,6696	3,197768	3,616408	3,582414	51,24778
02-02-2021	9:25:00	26,24258	298,4491	308,6541	563,8803	564,3564	561,999	25,79766	559,8966	297,864	298,7453	297,6482	3,195461	3,61422	3,5801	50,99166
02-02-2021	9:26:00	26,23793	298,4272	308,1851	563,915	564,3928	562,0018	25,80164	559,8801	297,8437	298,7155	297,6268	3,193154	3,612031	3,577786	50,98999
02-02-2021	9:27:00	26,23327	298,4054	307,8447	563,9498	564,4292	562,0047	25,80563	559,8635	297,8234	298,6858	297,6053	3,190847	3,609842	3,575471	51,10049
02-02-2021	9:28:00	26,22862	298,3835	307,7636	563,9846	564,4656	562,0075	25,81138	559,847	297,8032	298,6561	297,5839	3,18854	3,607653	3,573157	50,81526
02-02-2021	9:29:00	26,22396	298,3617	308,3872	564,0193	564,5021	562,0103	25,8172	559,8304	297,7829	298,6264	297,5625	3,186234	3,605464	3,570843	50,82714
02-02-2021	9:30:00	26,21931	298,3398	308,4628	564,0541	564,5385	562,0132	25,82302	559,814	297,7626	298,5966	297,5411	3,183927	3,603276	3,568528	51,02494
02-02-2021	9:31:00	26,21466	298,318	308,0107	564,0888	564,5749	562,016	25,82883	559,7974	297,7423	298,5669	297,5197	3,18162	3,601087	3,566214	51,17585
02-02-2021	9:32:00	26,21	298,2962	308,2693	564,1236	564,6113	562,0188	25,83465	559,7809	297,722	298,5372	297,4983	3,179313	3,598898	3,5639	50,93056
02-02-2021	9:33:00	26,20535	298,2743	306,4497	564,1583	564,6478	562,0216	25,84047	559,7643	297,7018	298,5074	297,4769	3,177006	3,596709	3,561585	50,93645
02-02-2021	9:34:00	26,2007	298,2525	303,9485	564,1931	564,6841	562,0245	25,84629	559,7478	297,6815	298,4777	297,4554	3,174699	3,594521	3,559271	50,34471
02-02-2021	9:35:00	26,19604	298,2307	301,7843	564,2278	564,7206	562,0273	25,85211	559,7313	297,6612	298,448	297,4341	3,172392	3,592332	3,556957	48,86354
02-02-2021	9:36:00	26,19139	298,2088	298,3008	564,2626	564,757	562,0301	25,85793	559,7148	297,6409	298,4182	297,4126	3,170085	3,590143	3,554643	48,58074
02-02-2021	9:37:00	26,18673	298,187	295,9751	564,2974	564,7935	562,033	25,86375	559,6982	297,6206	298,3885	297,3912	3,167778	3,587954	3,552328	48,50169
02-02-2021	9:38:00	26,18208	298,1651	292,5811	564,3322	564,8298	562,0358	25,86957	559,6817	297,6003	298,3588	297,3698	3,165472	3,585766	3,550014	47,64129
02-02-2021	9:39:00	26,17742	298,1433	291,0613	564,3669	564,8663	562,0386	25,87539	559,6652	297,58	298,3291	297,3484	3,163165	3,583577	3,5477	47,53915
02-02-2021	9:40:00	26,17277	298,1215	290,5217	564,4016	564,9027	562,0414	25,88121	559,6486	297,5598	298,2993	297,327	3,160858	3,581388	3,545385	48,18496
02-02-2021	9:41:00	26,16812	298,0996	289,9427	564,4364	564,9391	562,0443	25,88703	559,6321	297,5395	298,2696	297,3055	3,158551	3,579199	3,543071	47,71818
02-02-2021	9:42:00	26,16346	298,0778	290,0992	564,4711	564,9755	562,0471	25,89285	559,6156	297,5192	298,2399	297,2841	3,156244	3,57701	3,540757	47,45384
02-02-2021	9:43:00	26,15881	298,0559	289,5922	564,5059	565,012	562,0499	25,89866	559,5991	297,4989	298,2101	297,2627	3,153937	3,574822	3,538442	47,27133
02-02-2021	9:44:00	26,15415	298,0341	289,6606	564,5406	565,0484	562,0527	25,90448	559,5825	297,4786	298,1804	297,2413	3,15163	3,572633	3,536128	47,31894
02-02-2021	9:45:00	26,1495	298,0123	290,1234	564,5754	565,0848	562,0555	25,9103	559,566	297,4583	298,1507	297,2199	3,149323	3,570444	3,533814	47,13767
02-02-2021	9:46:00	26,14485	297,9904	290,08	564,6102	565,1212	562,0584	25,91612	559,5494	297,4381	298,1209	297,1985	3,147017	3,568255	3,531499	47,17937
02-02-2021	9:47:00	26,14019	297,9686	290,518	564,645	565,1577	562,0612	25,92194	559,5329	297,4178	298,0912	297,1771	3,14471	3,566067	3,529185	47,33541
02-02-2021	9:48:00	26,13554	297,9467													

Datos DCS 02-02-2021 360MW



	PRES VAPOR BP (1/2)	TEMPERATURA VAPOR BP	TEMP ESCAPE TUR BP	TEMP VAP SELLO TUR VAPOR	PRES SIST VAP SELLO TUR VAP	TEMP EN EL POZO DEL CONDENSADOR	PRESION DESCARGA BBA-COND	TEMP DESCARGA BBA-COND	FLUJO CORRECTO DESCGA BBA-COND	PRESION CONDENSADOR	PRESION CONDENSADOR	PRESION CONDENSADOR	PRESION CONDENSADOR - VOTO 2/3
	10GMA_PTX_040(bar)	10VVP_TT_040(°C)	10GMA_TT_041(°C)	10CET_TT_001(°C)	10CET_PT_001(mbar)	10CEX_TT_002(°C)	10CEX_PIT_001(bar)	10CEX_TT_003(°C)	10CEX_FTV_080(t/h)	10CVI_PIT_001A(mbar-A)	10CVI_PIT_001B(mbar-A)	10CVI_PIT_001C(mbar-A)	10CVI_PTX_001(mbar-A)
	bar	°C	°C	°C	mbar	°C	bar	°C	t/h	mbar-A	mbar-A	mbar-A	mbar-A
PROMEDIO	3,4	299,1	38,1	199,5	30,0	38,0	20,9	37,5	361,5	66,8	58,1	51,0	58,7
DESV EST	0,0030	0,3638	0,1289	0,3181	0,3093	0,1277	0,0652	0,0965	11,2440	0,0000	0,0000	0,0000	0,0000
%DESV EST	0,0883%	0,1216%	0,3384%	0,1594%	1,0319%	0,3360%	0,3122%	0,2570%	3,1105%	0,0000%	0,0000%	0,0000%	0,0000%
DATOS	61	61	61	61	61	61	61	61	61	61	61	61	61
DURACIÓN	1:00:00												

Fecha	Hora	PRES VAPOR BP (1/2)	TEMPERATURA VAPOR BP	TEMP ESCAPE TUR BP	TEMP VAP SELLO TUR VAPOR	PRES SIST VAP SELLO TUR VAP	TEMP EN EL POZO DEL CONDENSADOR	PRESION DESCARGA BBA-COND	TEMP DESCARGA BBA-COND	FLUJO CORRECTO DESCGA BBA-COND	PRESION CONDENSADOR	PRESION CONDENSADOR	PRESION CONDENSADOR	PRESION CONDENSADOR - VOTO 2/3
02-02-2021	9:00:00	3,431802	299,7102	38,29973	198,9442	29,86363	38,22166	20,77343	37,70387	371,6554	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:01:00	3,432464	299,6898	38,29247	198,9651	30,02617	38,21447	20,77667	37,69847	371,4311	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:02:00	3,433125	299,6693	38,28522	198,9861	30,28152	38,20728	20,77991	37,69304	368,2221	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:03:00	3,433787	299,6488	38,27796	199,0071	30,0956	38,20009	20,78341	37,68776	368,9734	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:04:00	3,434449	299,6283	38,2707	199,0281	30,08512	38,1929	20,78709	37,68217	371,1301	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:05:00	3,43511	299,6078	38,26344	199,0491	30,18125	38,18571	20,79076	37,67673	371,6101	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:06:00	3,435772	299,5873	38,25618	199,0701	29,895	38,17851	20,79444	37,6713	371,6531	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:07:00	3,436434	299,5668	38,24893	199,0911	29,93287	38,17132	20,79811	37,66586	373,6272	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:08:00	3,437095	299,5463	38,24167	199,1121	29,84573	38,16413	20,80179	37,66043	371,2003	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:09:00	3,437757	299,5258	38,23441	199,1331	30,42894	38,15694	20,80547	37,65499	371,9826	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:10:00	3,437736	299,5053	38,22715	199,1541	30,13375	38,14975	20,80914	37,64956	371,7773	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:11:00	3,437317	299,4848	38,21989	199,175	29,79295	38,14255	20,81282	37,64412	370,3562	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:12:00	3,436899	299,4644	38,21264	199,196	29,93087	38,13536	20,81649	37,63869	370,7371	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:13:00	3,43648	299,4439	38,20538	199,217	29,8383	38,12817	20,82017	37,63326	373,5234	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:14:00	3,436061	299,4234	38,19812	199,238	29,92315	38,12098	20,82384	37,62782	370,5022	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:15:00	3,435643	299,4029	38,19086	199,259	29,93799	38,11378	20,82752	37,62238	371,4897	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:16:00	3,435224	299,3824	38,18361	199,28	29,61226	38,10659	20,83119	37,61695	374,2231	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:17:00	3,434805	299,3619	38,17635	199,301	29,92551	38,0994	20,83487	37,61152	370,7726	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:18:00	3,434387	299,3414	38,16909	199,322	30,1136	38,09221	20,83854	37,60608	373,8599	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:19:00	3,433968	299,3209	38,16183	199,3429	30,14107	38,08501	20,84222	37,60065	371,2679	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:20:00	3,43355	299,3004	38,15457	199,3639	30,26821	38,07782	20,8459	37,59521	373,861	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:21:00	3,433131	299,2799	38,14732	199,3849	30,01799	38,07063	20,84957	37,58978	368,6704	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:22:00	3,432712	299,2595	38,14006	199,4059	29,93835	38,06344	20,85325	37,58434	370,8013	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:23:00	3,432294	299,239	38,1328	199,4269	30,59118	38,05625	20,85692	37,57891	370,0638	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:24:00	3,431875	299,2185	38,12554	199,4479	29,87401	38,04906	20,8606	37,57347	371,7212	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:25:00	3,431456	299,198	38,11828	199,4689	30,17447	38,04186	20,86427	37,56804	370,658	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:26:00	3,431038	299,1775	38,11102	199,4899	30,39013	38,03467	20,86795	37,5626	368,4081	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:27:00	3,430619	299,157	38,10377	199,5108	29,96652	38,02748	20,87163	37,55717	372,7751	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:28:00	3,4302	299,1365	38,09651	199,5318	30,43129	38,02029	20,8753	37,55173	371,1526	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:29:00	3,429782	299,116	38,08925	199,5528	30,36796	38,0131	20,87898	37,5463	367,8529	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:30:00	3,429363	299,0956	38,08199	199,5738	30,02539	38,0059	20,88265	37,54086	369,8521	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:31:00	3,428944	299,075	38,07473	199,5948	29,76167	37,99871	20,88633	37,53543	369,7698	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:32:00	3,428526	299,0546	38,06748	199,6158	37,99152	37,99152	20,89001	37,52999	369,281	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:33:00	3,428107	299,0341	38,06022	199,6368	29,49579	37,98433	20,89366	37,52456	368,7753	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:34:00	3,427688	299,0136	38,05296	199,6578	29,45707	37,97713	20,89736	37,51912	364,295	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:35:00	3,42727	298,9931	38,0457	199,6788	29,59549	37,96994	20,90103	37,51369	357,0801	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:36:00	3,427138	298,9726	38,03844	199,6997	29,41104	37,96275	20,90471	37,50826	355,0972	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:37:00	3,427525	298,9521	38,03119	199,7207	37,95556	37,95556	20,90838	37,50282	352,1586	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:38:00	3,427912	298,9316	38,02393	199,7417	29,66135	37,94836	20,91206	37,49738	350,7586	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:39:00	3,428298	298,9111	38,01667	199,7627	29,4499	37,94117	20,91573	37,49195	350,5165	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:40:00	3,428685	298,8907	38,00941	199,7837	29,50216	37,93398	20,91941	37,48652	353,1934	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:41:00	3,429072	298,8701	38,00216	199,8047	29,92679	37,92679	20,92309	37,48108	354,3022	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:42:00	3,429459	298,8497	37,9949	199,8257	29,5946	37,9196	20,92676	37,47565	354,2417	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:43:00	3,429846	298,8292	37,98764	199,8465	30,0005	37,91241	20,93044	37,47021	352,0524	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:44:00	3,430232	298,8087	37,98038	199,8673	29,94964	37,90521	20,93411	37,46478	348,3183	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:45:00	3,430619	298,7882	37,97312	199,8881	29,70273	37,89802	20,93779	37,45934	346,4307	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:46:00	3,431006	298,7677	37,96587	199,9089	30,07272	37,89083	20,94146	37,45391	343,5255	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:47:00	3,431393	298,7472	37,95861	199,9297	30,23885	37,88364	20,94514	37,44847	346,3903	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:48:00	3,43178	298,7267	37,95135	199,9505	30,47915	37,87645	20,94881	37,44304	345,2351	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:49:00	3,432166	298,7062	37,94409	199,9713	30,29918	37,86925	20,95249	37,4376	345,5093	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:50:00	3,432553	298,6858	37,93683	199,9921	30,22088	37,86206	20,95617	37,43217	346,4606	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:51:00	3,43294	298,6653	37,92957	199,8802	30,72154	37,85487	20,95984	37,42673	346,2718	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:52:00	3,433327	298,6448	37,92232	199,8885	30,27785	37,84768	20,96352	37,4213	347,2872	66,81641	58,13672	51,00391	58,73828
02-02-2021	9:53:00	3,433714	298,6243	37,91506	199,8899	29,82045								

Datos DCS 02-02-2021
360MW



Summary table with columns: FLUJO AGUA ADIC NOR COND (10CEX_FT_051(t/h)), AGUA DE ALIM AP PRES DE DESCARGA (1AAPH_PT_001(bar)), TEMP DE AGUA ALIM AP (1AFSR TT_001(°C)), FLUJO AGUA DE ALIM AP (1AFSR_FTV_001(t/h)), FLUJO AGUA ATEMP AP (1AFSR_FTV_002(t/h)), PRESION AGUA DE ALIM IP (1AFRH_PT_001(bar)), TEMP AGUA DE ALIM IP (1AFRH TT_001(°C)), FLUJO AGUA DE ALIM IP (1AFRH_FTV_001(t/h)), FLUJO AGUA ATEMP IP (1AFRH_FTV_004(t/h)), FLUJO AGUA ATEMPERAMIENTO AP (10GHP_FT_001(t/h)), FLUJO DE AGUA IP ATEMPERAMIENTO (10GMP_FT_001(t/h)), FLUJO AGUA ATEMPERAMIENTO BP (10GBP_FT_001(t/h)), FLUJO MASICO COMB LIQUIDO (1ATRE_FQLM1(kg/s)). Includes a 'PROMEDIO' row.

Main data table with columns: Fecha, Hora, 10CEX_FT_051(t/h), 1AAPH_PT_001(bar), 1AFSR TT_001(°C), 1AFSR_FTV_001(t/h), 1AFSR_FTV_002(t/h), 1AFRH_PT_001(bar), 1AFRH TT_001(°C), 1AFRH_FTV_001(t/h), 1AFRH_FTV_004(t/h), 10GHP_FT_001(t/h), 10GMP_FT_001(t/h), 10GBP_FT_001(t/h), 1ATRE_FQLM1(kg/s).

Datos DCS 02-02-2021 360MW

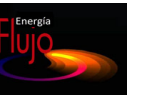


	NIVEL DEL DOMO AP -VOTO 2/3	TEMP DEL DOMO AP	NIVEL DEL DOMO IP -VOTO 2/3	PRESION DEL DOMO IP -VOTO 1/2	TEMP DEL DOMO IP	NIVEL DEL DOMO BP -VOTO 2/3	TEMP DEL DOMO BP	PRESION DEL DOMO BP -VOTO 1/2	TEMP DESCARGA BBA-AENF	TEMPERATURA EXTERNA 1/2 COND 2	TEMPERATURA EXTERNA 1/2 COND 1
	1AFSR_LTX_001(mm)	1AFSR_TT_002(°C)	1AFRH_LTX_001(mm)	1AFRH_PTX_002(bar)	1AFRH_TT_002(°C)	1AFLB_LTX_001(mm)	1AFLB_TT_001(°C)	1AFLB_PTX_001(bar)	10CRF_TT_001(°C)	10CRF_TT_202(°C)	10CRF_TT_201(°C)
	mm	°C	mm	bar	°C	mm	°C	bar	°C	°C	°C
PROMEDIO	0,2	308,2	-87,3	27,8	225,8	-83,9	142,4	3,9	22,8	29,4	32,0
DESV EST	1,5694	0,4327	45,8821	0,0843	0,1359	13,2315	0,3169	0,0570	0,0226	0,1417	0,1355
%DESV EST	915,2664%	0,1404%	-52,5445%	0,3031%	0,0602%	-15,7647%	0,2225%	1,4454%	0,0993%	0,4826%	0,4235%
DATOS	61	61	61	61	61	61	61	61	61	61	61
DURACIÓN	1:00:00										

Fecha	Hora	NIVEL DEL DOMO AP -VOTO 2/3	TEMP DEL DOMO AP	NIVEL DEL DOMO IP -VOTO 2/3	PRESION DEL DOMO IP -VOTO 1/2	TEMP DEL DOMO IP	NIVEL DEL DOMO BP -VOTO 2/3	TEMP DEL DOMO BP	PRESION DEL DOMO BP -VOTO 1/2	TEMP DESCARGA BBA-AENF	TEMPERATURA EXTERNA 1/2 COND 2	TEMPERATURA EXTERNA 1/2 COND 1
02-02-2021	9:00:00	0,4006134	308,9708	-25,6734	27,95408	226,0513	-93,75941	142,9344	3,955825	22,81798	29,6053	32,22428
02-02-2021	9:01:00	0,3378631	308,9464	-36,82532	27,94934	226,0437	-90,84237	142,9165	3,956721	22,8155	29,59731	32,21665
02-02-2021	9:02:00	0,2751129	308,922	-54,75812	27,94459	226,036	-84,14277	142,8987	3,957616	22,81302	29,58933	32,20902
02-02-2021	9:03:00	0,2123627	308,8977	-68,84064	27,93984	226,0284	-80,32338	142,8808	3,958512	22,81054	29,58135	32,20139
02-02-2021	9:04:00	0,1496124	308,8733	-82,37671	27,93509	226,0207	-82,06133	142,863	3,959407	22,80806	29,57337	32,19375
02-02-2021	9:05:00	0,08686217	308,8489	-90,48859	27,93034	226,0131	-96,77744	142,8451	3,960303	22,80558	29,56539	32,18612
02-02-2021	9:06:00	0,02411193	308,8246	-108,0989	27,92559	226,0054	-77,46106	142,8273	3,961198	22,8031	29,55774	32,17849
02-02-2021	9:07:00	-0,03863832	308,8002	-116,6234	27,92084	225,9977	-82,87793	142,8094	3,962094	22,80062	29,54942	32,17086
02-02-2021	9:08:00	-0,1013886	308,7758	-137,3818	27,91609	225,9901	-83,83569	142,7916	3,96299	22,79814	29,54144	32,16323
02-02-2021	9:09:00	-0,1641388	308,7514	-148,3053	27,91134	225,9824	-81,05707	142,7737	3,963885	22,79566	29,53346	32,15559
02-02-2021	9:10:00	-0,226889	308,7271	-146,7846	27,90659	225,9748	-75,50069	142,7559	3,964781	22,79318	29,52548	32,14796
02-02-2021	9:11:00	-0,2896393	308,7027	-150,8621	27,90184	225,9671	-83,13862	142,738	3,965676	22,7907	29,51749	32,14033
02-02-2021	9:12:00	-0,3523895	308,6783	-183,7469	27,89709	225,9595	-77,23593	142,7202	3,966572	22,78822	29,50951	32,1327
02-02-2021	9:13:00	-0,4151398	308,6539	-169,6878	27,89235	225,9518	-66,03444	142,7023	3,967467	22,78574	29,50153	32,12507
02-02-2021	9:14:00	-0,47789	308,6295	-159,7729	27,8876	225,9442	-58,53024	142,6845	3,968363	22,7834	29,49355	32,11744
02-02-2021	9:15:00	-0,5406402	308,6052	-138,2675	27,88285	225,9365	-72,99897	142,6666	3,969259	22,7824	29,48557	32,1098
02-02-2021	9:16:00	-0,6033905	308,5808	-129,4686	27,8781	225,9289	-68,65556	142,6488	3,970154	22,78134	29,47758	32,10217
02-02-2021	9:17:00	-0,6661407	308,5564	-119,846	27,87335	225,9212	-68,46629	142,6309	3,97105	22,78029	29,4696	32,09454
02-02-2021	9:18:00	-0,728891	308,5321	-99,75586	27,8686	225,9136	-68,84293	142,6131	3,971945	22,77923	29,46162	32,08691
02-02-2021	9:19:00	-0,7916412	308,5077	-97,32166	27,86385	225,9059	-68,39603	142,5952	3,972841	22,77818	29,45364	32,07928
02-02-2021	9:20:00	-0,8543915	308,4833	-84,96124	27,8591	225,8982	-65,93551	142,5774	3,973736	22,77712	29,44565	32,07164
02-02-2021	9:21:00	-0,9171417	308,459	-62,27417	27,85435	225,8906	-55,64133	142,5595	3,974632	22,77607	29,43767	32,06401
02-02-2021	9:22:00	-0,9351304	308,4346	-40,37762	27,84961	225,8829	-77,31195	142,5417	3,975527	22,77502	29,42969	32,05638
02-02-2021	9:23:00	-0,9316229	308,4102	-28,02753	27,84486	225,8753	-65,78701	142,5238	3,976423	22,77396	29,42171	32,04875
02-02-2021	9:24:00	-0,9281154	308,3858	-14,93921	27,84011	225,8676	-80,77599	142,506	3,977319	22,77291	29,41372	32,04112
02-02-2021	9:25:00	-0,9246079	308,3615	-27,31763	27,83536	225,86	-73,69633	142,4881	3,978214	22,77185	29,40574	32,03349
02-02-2021	9:26:00	-0,9211003	308,3371	-47,94791	27,83061	225,8523	-68,76752	142,4703	3,97911	22,7708	29,39776	32,02585
02-02-2021	9:27:00	-0,9175928	308,3127	-50,43329	27,82586	225,8447	-66,31309	142,4524	3,980005	22,76974	29,38978	32,01822
02-02-2021	9:28:00	-0,9140853	308,2883	-66,12006	27,82111	225,837	-68,06594	142,4346	3,980901	22,76869	29,3818	32,01059
02-02-2021	9:29:00	-0,9105777	308,2639	-76,26764	27,81636	225,8294	-69,55931	142,4167	3,981796	22,76764	29,37381	32,00296
02-02-2021	9:30:00	-0,9070702	308,2396	-102,34	27,81161	225,8217	-65,52477	142,3989	3,982692	22,76658	29,36583	32,00533
02-02-2021	9:31:00	-0,9035627	308,2152	-100,5701	27,80686	225,8141	-71,61778	142,381	3,983588	22,76553	29,35785	31,99769
02-02-2021	9:32:00	-0,9000552	308,1908	-122,6509	27,80211	225,8064	-72,32797	142,3632	3,984483	22,76447	29,34987	31,99006
02-02-2021	9:33:00	-0,8965476	308,1665	-124,9304	27,79737	225,7987	-77,63488	142,3453	3,985379	22,76342	29,34188	31,97243
02-02-2021	9:34:00	-0,8930401	308,1421	-151,3326	27,79262	225,7911	-74,41998	142,3275	3,986274	22,76236	29,3339	31,9648
02-02-2021	9:35:00	-0,8895326	308,1177	-164,7129	27,78787	225,7834	-90,55199	142,3096	3,98717	22,76131	29,32592	31,95717
02-02-2021	9:36:00	-0,886025	308,0934	-172,512	27,78312	225,7758	-86,36088	142,2918	3,988065	22,76025	29,31794	31,94954
02-02-2021	9:37:00	-0,8825175	308,069	-143,5596	27,77837	225,7681	-88,08772	142,2739	3,988961	22,7592	29,30996	31,9419
02-02-2021	9:38:00	-0,87901	308,0446	-129,4814	27,77362	225,7605	-91,8916	142,2561	3,989856	22,75815	29,30198	31,93427
02-02-2021	9:39:00	-0,8755025	308,0202	-124,9069	27,76887	225,7528	-88,8576	142,2382	3,989234	22,75709	29,29399	31,92664
02-02-2021	9:40:00	-0,8719949	307,9958	-112,7853	27,76412	225,7452	-87,32914	142,2204	3,979423	22,75604	29,28601	31,91901
02-02-2021	9:41:00	-0,8684874	307,9715	-104,1207	27,75937	225,7375	-95,1439	142,2025	3,969611	22,75498	29,27803	31,91138
02-02-2021	9:42:00	-0,8649799	307,9471	-92,49518	27,75462	225,7299	-98,51355	142,1847	3,9598	22,75393	29,27005	31,90374
02-02-2021	9:43:00	-0,8614723	307,9227	-53,03186	27,74987	225,7222	-95,36314	142,1668	3,949988	22,75287	29,26206	31,89611
02-02-2021	9:44:00	-0,7171903	307,8983	-71,92545	27,74513	225,7146	-96,95583	142,149	3,940177	22,75182	29,25408	31,88848
02-02-2021	9:45:00	-0,3635409	307,874	-50,94153	27,74038	225,7069	-99,5293	142,1311	3,930366	22,75076	29,2461	31,88085
02-02-2021	9:46:00	-0,00989145	307,8496	-48,21896	27,73563	225,6992	-99,5293	142,1133	3,920554	22,74971	29,23812	31,87322
02-02-2021	9:47:00	0,343758	307,8252	-35,34445	27,73088	225,6916	-99,5293	142,0954	3,910743	22,74866	29,23013	31,86559
02-02-2021	9:48:00	0,6974074	307,8009	-8,9823	27,72613	225,6839	-94,34007	142,0776	3,900931	22,7476	29,22215	31,85795
02-02-2021	9:49:00	1,051057	307,7765	-5,062469	27,72138	225,6763	-99,5293	142,0597	3,89112	22,74655	29,21417	31,85032
02-02-2021	9:50:00	1,404706	307,7521	-47,00757	27,71663	225,6686	-101,0937	142,0419	3,881308	22,74549	29,20619	31,84269
02-02-2021	9:51:00	1,758356	307,7278	-52,73306	27,71188	225,661	-95,87653	142,024	3,871497	22,74444	29,19821	31,83506
02-02-2021	9:52:00	2,112005	307,7034	-60,74779	27,70713	225,6533	-100,4706	142,0062	3,861685	22,74338	29,19022	31,82743
02-02-2021	9:53:00	2,465655	307,679	-39,05771	27,70238	225,6457	-100,9872	141,9883	3,851874	22,74233	29,18224	31,81979
02-02-2021	9:54:00	2,819304	307,6546	-58,99704	27,69764	225,638	-99,41456	141,9705	3,842062	22,74128	29,17426	31,81216
02-02-2021	9:55:00	3,172953	307,6302	-68,63258	27,69289	225,6304	-96,85384	141,9526	3,832251	22,74022	29,16628	31,80453
02-02-2021	9:56:00	3,526603	307,6059	-65,40146	27,68814	225,6227	-97,358	141,9348	3,82244	22,73917	29,15829	31,7969
02-02-2021	9:57:00	3,880252	307,5815	-66,65263	27,68339	225,6151	-91,9722	141,9169	3,812628	22,73811	29,15031	31,78927
02-02-2021	9:58:00	4,233902	307,5571	-70,54142	27,67864	225,6074	-101,5033	141,8991	3,802817	22,73706	29,14233	31,78164
02-02-2021	9:59:00	4,587551	307,5327	-62,89085	27,67389	225,5997	-93,64554	141,8812	3,793005	22,736	29,13435	31,774
02-02-2021	10:00:00	4,941201	307,5084	-50,40305	27,66914	225,5921	-109,801	141,8634	3,783194	22,73495	29,12637	31,76637

Datos DCS 02-02-2021

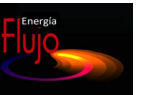
325MW



Summary table with columns: ENT COMPRES TERMOC 1A, ENT COMPRES TERMOC 1B, ENT COMPRES TERMOC 2A, PRESION ENTRADA COMPRESOR 96, FACTOR DE POTENCIA CALCULADO, WATT MAXIMO GEN SELECCIONADO, MEDC CARGA GEN TUR (1/2), CORRIENTE EXCIT GEN EX2K, VOLTAJE EXCIT GEN EX2K, EXCITACION CORRIENTE, EXCITACION VOLTAJE, FLUJO COMBUSTIBLE, PRESION DE ENTRADA A TURBINA GAS. Includes rows for PROMEDIO, DESV EST, %DESV EST, DATOS, and DURACIÓN.

Main data table with columns: Fecha, Hora, and various sensor/parameter values corresponding to the summary table above, covering time from 10:30:00 to 11:30:00.

Datos DCS 02-02-2021
325MW



	PRESION DE ENTRADA A FILTROS	TEMPERATURA COMBUSTIBLE	PRES VAPOR VIVO (1/2)	TEMPERATURA VAPOR AP	PRESION VAPOR AP -VOTO 1/2	FLUJO DE VAPOR AP	PRESION ARRIBA PALETAS AP	TEMP SUPERFICIE TUR AP (2/3)	PRESION CONDENSADOR	PRESION CONDENSADOR	PRESION CONDENSADOR	PRES VAP RECAL FRIO	TEMP VAPOR RECALENTADO FRIO	PRESION DE VAPOR IP
	1ASGZ_PT_015(bar)	1ATRE_FT_G(*C)	10GMA_PTX_010(bar)	10VVP TT_012(*C)	1AFSR_PTX_003(bar)	1AFSR_FTV_005(t/h)	10GMA_PT_011(bar)	10GMA_TTX_011(*C)	10CVI_PIT_001A(mbar-A)	10CVI_PIT_001B(mbar-A)	10CVI_PIT_001C(mbar-A)	10GMA_PT_021(bar)	10VVP TT_021(*C)	1AFRH_PT_004A(bar)
	bar	*C	bar	*C	bar	t/h	bar	*C	mbar-A	mbar-A	mbar-A	bar	*C	bar
PROMEDIO	31,5	38,3	86,5	566,0	88,0	240,4	83,6	533,6	64,5	53,5	46,3	25,7	398,1	25,6
DESV EST	0,0032	0,2218	0,1759	0,1066	0,2104	6,6517	2,3147	0,0079	0,0000	0,0000	0,0000	0,0154	0,0000	0,0468
%DESV EST	0,0101%	0,5789%	0,2034%	0,0188%	0,2389%	2,7666%	2,7688%	0,0015%	0,0000%	0,0000%	0,0000%	0,0599%	0,0000%	0,1828%
DATOS	61	61	61	61	61	61	61	61	61	61	61	61	61	61
DURACIÓN	1:00:00													

Fecha	Hora														
02-02-2021	10:30:00	31,44856	38,01203	86,40096	566,1393	88,39962	245,5768	85,56207	533,64	64,45313	53,45313	46,32031	25,64172	398,125	25,66406
02-02-2021	10:31:00	31,44874	38,02438	86,41035	566,1128	88,38777	246,2943	85,61398	533,64	64,45313	53,45313	46,32031	25,64259	398,125	25,66143
02-02-2021	10:32:00	31,44893	38,02984	86,41975	566,0862	88,37592	245,8035	85,62302	533,64	64,45313	53,45313	46,32031	25,64346	398,125	25,65879
02-02-2021	10:33:00	31,44911	38,03531	86,42915	566,0596	88,36407	245,7544	85,66043	533,64	64,45313	53,45313	46,32031	25,64432	398,125	25,65616
02-02-2021	10:34:00	31,44928	38,04077	86,43854	566,0331	88,35223	245,7661	85,52063	533,64	64,45313	53,45313	46,32031	25,64519	398,125	25,65352
02-02-2021	10:35:00	31,44946	38,04623	86,44794	566,0065	88,34037	245,7422	85,37638	533,64	64,45313	53,45313	46,32031	25,64606	398,125	25,65089
02-02-2021	10:36:00	31,44964	38,05169	86,45805	565,9799	88,32852	245,5965	85,60706	533,64	64,45313	53,45313	46,32031	25,64692	398,125	25,64826
02-02-2021	10:37:00	31,44982	38,05716	86,47138	565,9533	88,31667	245,4518	85,61893	533,64	64,45313	53,45313	46,32031	25,64779	398,125	25,64562
02-02-2021	10:38:00	31,45	38,06262	86,48471	565,9268	88,30482	246,0229	85,57346	533,64	64,45313	53,45313	46,32031	25,64865	398,125	25,64299
02-02-2021	10:39:00	31,45018	38,06808	86,49804	565,9002	88,29298	246,6264	85,46261	533,64	64,45313	53,45313	46,32031	25,64952	398,125	25,64035
02-02-2021	10:40:00	31,45036	38,07355	86,51137	565,8736	88,28113	246,058	85,37854	533,64	64,45313	53,45313	46,32031	25,65039	398,125	25,63772
02-02-2021	10:41:00	31,45054	38,07901	86,5247	565,847	88,26927	245,3164	85,43449	533,64	64,45313	53,45313	46,32031	25,65125	398,125	25,63509
02-02-2021	10:42:00	31,45072	38,08447	86,53802	565,8204	88,25742	246,4863	85,44775	533,64	64,45313	53,45313	46,32031	25,65212	398,125	25,63245
02-02-2021	10:43:00	31,4509	38,08994	86,55135	565,7939	88,24557	246,0085	85,6476	533,64	64,45313	53,45313	46,32031	25,65299	398,125	25,62982
02-02-2021	10:44:00	31,45108	38,0954	86,56468	565,7685	88,23373	245,9734	85,42124	533,64	64,45313	53,45313	46,32031	25,65385	398,125	25,62718
02-02-2021	10:45:00	31,45126	38,10086	86,57801	565,8024	88,22188	246,3906	85,69337	533,64	64,45313	53,45313	46,32031	25,65472	398,125	25,62455
02-02-2021	10:46:00	31,45144	38,10633	86,59134	565,8163	88,21002	246,5959	85,49315	533,64	64,45313	53,45313	46,32031	25,65559	398,125	25,62192
02-02-2021	10:47:00	31,45162	38,11179	86,60467	565,8301	88,19817	246,8714	85,83166	533,64	64,45313	53,45313	46,32031	25,65645	398,125	25,61928
02-02-2021	10:48:00	31,4518	38,11726	86,618	565,844	88,18633	246,2844	85,58803	533,64	64,45313	53,45313	46,32031	25,65732	398,125	25,61665
02-02-2021	10:49:00	31,45198	38,12272	86,63132	565,8579	88,17448	246,5	85,70019	533,64	64,45313	53,45313	46,32031	25,65819	398,125	25,61401
02-02-2021	10:50:00	31,45216	38,12818	86,64465	565,8718	88,16263	246,8594	85,85683	533,64	64,45313	53,45313	46,32031	25,65905	398,125	25,61138
02-02-2021	10:51:00	31,45234	38,13364	86,65798	565,8856	88,15078	246,5699	85,62566	533,64	64,45313	53,45313	46,32031	25,65992	398,125	25,60874
02-02-2021	10:52:00	31,45252	38,13911	86,67131	565,8995	88,13892	246,3693	85,75266	533,64	64,45313	53,45313	46,32031	25,66079	398,125	25,60611
02-02-2021	10:53:00	31,4527	38,14457	86,68464	565,9134	88,12708	246,9421	85,84221	533,64	64,45313	53,45313	46,32031	25,66165	398,125	25,60348
02-02-2021	10:54:00	31,45288	38,15004	86,698	565,9272	88,11523	246,3918	85,62538	533,64	64,45313	53,45313	46,32031	25,66252	398,125	25,60084
02-02-2021	10:55:00	31,45306	38,15550	86,7113	565,9411	88,10338	247,0154	85,65463	533,64	64,45313	53,45313	46,32031	25,66338	398,125	25,59821
02-02-2021	10:56:00	31,45324	38,15996	86,72422	565,955	88,09153	246,4981	85,67001	533,64	64,45313	53,45313	46,32031	25,66425	398,125	25,59557
02-02-2021	10:57:00	31,45341	38,16543	86,7371	565,9689	88,07967	247,1797	85,67189	533,64	64,45313	53,45313	46,32031	25,66512	398,125	25,59294
02-02-2021	10:58:00	31,45359	38,17089	86,75002	565,9827	88,06783	246,1694	85,61063	533,64	64,45313	53,45313	46,32031	25,66598	398,125	25,59031
02-02-2021	10:59:00	31,45378	38,17636	86,76293	565,9966	88,05598	246,5767	85,78176	533,64	64,45313	53,45313	46,32031	25,66685	398,125	25,58767
02-02-2021	11:00:00	31,45396	38,18183	86,77584	566,0105	88,04413	247,3669	85,99797	533,64	64,45313	53,45313	46,32031	25,66772	398,125	25,58504
02-02-2021	11:01:00	31,45414	38,18729	86,78875	566,0244	88,03228	247,0956	85,89803	533,64	64,45313	53,45313	46,32031	25,66858	398,125	25,58241
02-02-2021	11:02:00	31,45431	38,19276	86,80166	566,0382	88,02042	248,9752	85,20077	533,64	64,45313	53,45313	46,32031	25,66945	398,125	25,57977
02-02-2021	11:03:00	31,45449	38,19822	86,81457	566,0521	88,00858	242,8093	84,5852	533,64	64,45313	53,45313	46,32031	25,67031	398,125	25,57714
02-02-2021	11:04:00	31,45467	38,20369	86,82748	566,066	87,99673	240,7733	83,85917	533,64	64,45313	53,45313	46,32031	25,67118	398,125	25,57451
02-02-2021	11:05:00	31,45485	38,20915	86,84039	566,0798	87,98488	237,8811	83,02888	533,64	64,45313	53,45313	46,32031	25,67205	398,125	25,57187
02-02-2021	11:06:00	31,45503	38,21462	86,8533	566,0937	87,97303	235,9619	82,16069	533,64	64,45313	53,45313	46,32031	25,67291	398,125	25,56923
02-02-2021	11:07:00	31,45521	38,22008	86,86624	566,1075	87,96118	234,5433	81,40889	533,64	64,45313	53,45313	46,32031	25,67378	398,125	25,5666
02-02-2021	11:08:00	31,45539	38,22555	86,87915	566,1213	87,94933	232,8732	80,90145	533,64	64,45313	53,45313	46,32031	25,67465	398,125	25,56396
02-02-2021	11:09:00	31,45557	38,23101	86,89206	566,1353	87,93748	232,3103	80,79383	533,64	64,45313	53,45313	46,32031	25,67551	398,125	25,56133
02-02-2021	11:10:00	31,45575	38,23647	86,90497	566,1492	87,92563	232,2121	80,88347	533,64	64,45313	53,45313	46,32031	25,67638	398,125	25,55869
02-02-2021	11:11:00	31,45593	38,24194	86,91788	566,1632	87,91378	231,6304	80,57085	533,64	64,45313	53,45313	46,32031	25,67725	398,125	25,55606
02-02-2021	11:12:00	31,45611	38,24740	86,93079	566,1771	87,90193	231,5225	80,34835	533,64	64,45313	53,45313	46,32031	25,67811	398,125	25,55343
02-02-2021	11:13:00	31,45629	38,25287	86,9437	566,191	87,89008	231,5758	80,78883	533,64	64,45313	53,45313	46,32031	25,67898	398,125	25,55079
02-02-2021	11:14:00	31,45647	38,25833	86,95661	566,2049	87,87823	232,3753	80,9334	533,64	64,45313	53,45313	46,32031	25,67985	398,125	25,54816
02-02-2021	11:15:00	31,45665	38,26379	86,96952	566,2188	87,86638	232,2024	80,73244	533,64	64,45313	53,45313	46,32031	25,68071	398,125	25,54552
02-02-2021	11:16:00	31,45683	38,26925	86,98243	566,2327	87,85453	232,7464	80,73522	533,64	64,45313	53,45313	46,32031	25,68158	398,125	25,54289
02-02-2021	11:17:00	31,45701	38,27471	86,99534	566,2466	87,84268	232,5104	80,84552	533,64	64,45313	53,45313	46,32031	25,68244	398,125	25,54026
02-02-2021	11:18:00	31,45719	38,28017	87,00825	566,2605	87,83083	232,701	80,84446	533,64	64,45313	53,45313	46,32031	25,68331	398,125	25,53762
02-02-2021	11:19:00	31,45737	38,28563	87,02116	566,2744	87,81898	232,7583	80,89491	533,64	64,45313	53,45313	46,32031	25,68418	398,125	25,53499
02-02-2021	11:20:00	31,45755	38,29109	87,03407	566,2883	87,80713	233,0222	80,96242	533,64	64,45313	53,45313	46,32031	25,68504	398,125	25,532

Datos DCS 02-02-2021

325MW

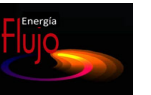


	PRESION DE VAPOR IP	TEMP DE VAPOR SOB CAL IP	FLUJO VAPOR TOTAL BYPASS IP	TEMP DE VAPOR IP	TEMP DE VAPOR IP	TEMP DE VAPOR IP	PRES VAP REGENERADO CAL (1/2)	TEMP VAPOR MP ENTRADA TURBINA	TEMP DE VAPOR BP -VOTO 1/2	TEMP DE VAPOR BP	TEMP DE VAPOR BP	PRESION VAPOR BP	PRESION VAPOR BP	PRESION VAPOR BP -VOTO 1/2	FLUJO DE VAPOR BP
	1AFRH_PT_004B(bar)	1AFRH TT_008(°C)	10GMP_UN_861(t/h)	1AFRH TT_005A(°C)	1AFRH TT_005B(°C)	1AFRH TT_005C(°C)	10GMA_PTX_030(bar)	10VVP TT_031(°C)	1AFBL_TTX_002(°C)	1AFBL TT_002A(°C)	1AFBL TT_002B(°C)	1AFBL_PT_003A(bar)	1AFBL_PT_003B(bar)	1AFBL_PTX_003(bar)	1AFBL_FTV_004(t/h)
	bar	°C	t/h	°C	°C	°C	bar	°C	°C	°C	°C	bar	bar	bar	t/h
PROMEDIO	24,8	295,5	284,2	566,8	567,3	561,5	24,2	558,6	295,6	296,0	295,6	3,1	3,5	3,5	45,8
DESV EST	0,0651	0,6835	7,9372	0,4847	0,4687	0,2073	0,0477	0,1976	0,4830	0,5007	0,3845	0,0010	0,0037	0,0000	1,9796
%DESV EST	0,2629%	0,2313%	2,7926%	0,0855%	0,0826%	0,0369%	0,1969%	0,0354%	0,1634%	0,1692%	0,1301%	0,0336%	0,1084%	0,0000%	4,3245%
DATOS	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
DURACIÓN	1:00:00														

Fecha	Hora	1AFRH_PT_004B(bar)	1AFRH TT_008(°C)	10GMP_UN_861(t/h)	1AFRH TT_005A(°C)	1AFRH TT_005B(°C)	1AFRH TT_005C(°C)	10GMA_PTX_030(bar)	10VVP TT_031(°C)	1AFBL_TTX_002(°C)	1AFBL TT_002A(°C)	1AFBL TT_002B(°C)	1AFBL_PT_003A(bar)	1AFBL_PT_003B(bar)	1AFBL_PTX_003(bar)	1AFBL_FTV_004(t/h)
02-02-2021	10:30:00	24,88507	296,6706	290,4449	565,981	566,5128	561,8563	24,20901	558,9441	296,4439	296,8401	296,253	3,095572	3,471949	3,478907	47,50355
02-02-2021	10:31:00	24,8814	296,632	290,6992	566,0083	566,5392	561,8446	24,20092	558,933	296,4167	296,8119	296,2313	3,095514	3,46976	3,478907	47,58175
02-02-2021	10:32:00	24,87773	296,5936	291,0617	566,0356	566,5656	561,8329	24,19283	558,9218	296,3895	296,7837	296,2097	3,095455	3,467572	3,478907	47,45532
02-02-2021	10:33:00	24,87406	296,5551	290,5627	566,0629	566,592	561,8213	24,18474	558,9107	296,3623	296,7555	296,188	3,095397	3,465383	3,478907	47,59527
02-02-2021	10:34:00	24,8704	296,5166	290,1578	566,0902	566,6184	561,8096	24,18518	558,8996	296,3351	296,7272	296,1664	3,095338	3,463194	3,478907	47,41023
02-02-2021	10:35:00	24,86673	296,4781	290,3971	566,1176	566,6448	561,7979	24,18952	558,8884	296,3079	296,699	296,1447	3,09528	3,461005	3,478907	47,65004
02-02-2021	10:36:00	24,86306	296,4395	289,7507	566,1448	566,6712	561,7863	24,19387	558,8773	296,2806	296,6708	296,123	3,095221	3,458817	3,478907	47,17786
02-02-2021	10:37:00	24,85939	296,4011	290,4902	566,1721	566,6976	561,7745	24,19821	558,8662	296,2534	296,6426	296,1014	3,095163	3,456628	3,478907	47,84386
02-02-2021	10:38:00	24,85572	296,3625	290,8014	566,1995	566,7241	561,7629	24,20256	558,855	296,2262	296,6144	296,0797	3,095104	3,454688	3,478907	47,94694
02-02-2021	10:39:00	24,85205	296,3241	290,233	566,2267	566,7504	561,7512	24,20699	558,8439	296,199	296,5862	296,0581	3,095046	3,452647	3,478907	47,34671
02-02-2021	10:40:00	24,84838	296,2856	290,3342	566,2541	566,7769	561,7395	24,21125	558,8328	296,1718	296,558	296,0364	3,094987	3,450606	3,478907	47,5412
02-02-2021	10:41:00	24,84472	296,2471	290,4962	566,2814	566,8032	561,7278	24,21559	558,8217	296,1446	296,5298	296,0147	3,094929	3,448688	3,478907	47,74531
02-02-2021	10:42:00	24,84105	296,2086	290,657	566,3087	566,8297	561,7162	24,21994	558,8105	296,1174	296,5016	295,9931	3,09487	3,446817	3,478907	47,48706
02-02-2021	10:43:00	24,83738	296,1701	290,6441	566,336	566,856	561,7045	24,22429	558,7994	296,0902	296,4734	295,9714	3,094812	3,445888	3,478907	47,27819
02-02-2021	10:44:00	24,83371	296,1316	290,7715	566,3633	566,8824	561,6928	24,22863	558,7883	296,063	296,4452	295,9498	3,094753	3,444817	3,478907	47,52562
02-02-2021	10:45:00	24,83004	296,0931	291,4107	566,3906	566,9088	561,6812	24,23298	558,7772	296,0358	296,417	295,9281	3,094695	3,443888	3,478907	47,54433
02-02-2021	10:46:00	24,82637	296,0546	290,9446	566,4179	566,9352	561,6694	24,23732	558,7661	296,0086	296,3888	295,9065	3,094636	3,442817	3,478907	47,33284
02-02-2021	10:47:00	24,8227	296,0161	291,0915	566,4452	566,9616	561,6578	24,24166	558,7549	295,9814	296,3606	295,8848	3,094578	3,441888	3,478907	47,18351
02-02-2021	10:48:00	24,81903	295,9776	291,5714	566,4725	566,9888	561,6461	24,24601	558,7438	295,9542	296,3324	295,8631	3,094519	3,440917	3,478907	47,51377
02-02-2021	10:49:00	24,81536	295,9391	291,2469	566,4998	567,0144	561,6344	24,25036	558,7327	295,927	296,3042	295,8415	3,094461	3,439946	3,478907	47,41849
02-02-2021	10:50:00	24,8117	295,9006	291,8899	566,5271	567,0408	561,6227	24,2547	558,7216	295,8997	296,276	295,8198	3,094402	3,438975	3,478907	47,10829
02-02-2021	10:51:00	24,80803	295,8621	292,1966	566,5544	567,0672	561,6111	24,25905	558,7104	295,8726	296,2478	295,7982	3,094344	3,437904	3,478907	47,32993
02-02-2021	10:52:00	24,80436	295,8236	291,6934	566,5817	567,0936	561,5994	24,26339	558,6993	295,8454	296,2195	295,7765	3,094285	3,436933	3,478907	47,37924
02-02-2021	10:53:00	24,80069	295,7851	292,2183	566,609	567,1201	561,5877	24,26774	558,6882	295,8181	296,1913	295,7549	3,094227	3,435962	3,478907	47,37924
02-02-2021	10:54:00	24,79702	295,7466	291,8895	566,6363	567,1464	561,576	24,27208	558,677	295,791	296,1631	295,7332	3,094168	3,434991	3,478907	47,37924
02-02-2021	10:55:00	24,79335	295,7081	292,3283	566,6636	567,1729	561,5643	24,27643	558,6659	295,7637	296,1349	295,7115	3,09411	3,434020	3,478907	47,54971
02-02-2021	10:56:00	24,78968	295,6696	291,4488	566,6909	567,1992	561,5527	24,28077	558,6548	295,7365	296,1067	295,6899	3,094051	3,433051	3,478907	47,85695
02-02-2021	10:57:00	24,78602	295,6311	291,7711	566,7183	567,2256	561,541	24,28448	558,6436	295,7093	296,0785	295,6682	3,093992	3,432080	3,478907	47,35631
02-02-2021	10:58:00	24,78235	295,5926	291,3055	566,7455	567,252	561,5293	24,2822	558,6325	295,6821	296,0503	295,6465	3,093934	3,431111	3,478907	47,26842
02-02-2021	10:59:00	24,77868	295,5541	291,8705	566,7728	567,2784	561,5176	24,27991	558,6214	295,6549	296,0221	295,6249	3,093875	3,430142	3,478907	48,05341
02-02-2021	11:00:00	24,77501	295,5156	291,96	566,8002	567,3048	561,5059	24,27763	558,6102	295,6277	296,0039	295,6032	3,093817	3,429173	3,478907	47,57836
02-02-2021	11:01:00	24,77134	295,4771	291,6181	566,8275	567,3312	561,4943	24,27535	558,5991	295,6005	295,9657	295,5816	3,093759	3,428204	3,478907	47,29166
02-02-2021	11:02:00	24,76767	295,4386	290,4225	566,8547	567,3576	561,4826	24,27307	558,588	295,5733	295,9375	295,5599	3,0937	3,427235	3,478907	47,11934
02-02-2021	11:03:00	24,764	295,4001	288,067	566,8821	567,384	561,4709	24,27078	558,5768	295,5461	295,9093	295,5383	3,093642	3,426266	3,478907	47,03148
02-02-2021	11:04:00	24,76033	295,3616	286,231	566,9094	567,4104	561,4592	24,2685	558,5657	295,5189	295,8811	295,5166	3,093583	3,425297	3,478907	46,05873
02-02-2021	11:05:00	24,75667	295,3231	283,0442	566,9366	567,4368	561,4476	24,26622	558,5546	295,4917	295,8529	295,495	3,093524	3,424328	3,478907	45,12483
02-02-2021	11:06:00	24,753	295,2846	279,507	566,964	567,4632	561,4359	24,26393	558,5435	295,4645	295,8247	295,4733	3,093466	3,423359	3,478907	44,81631
02-02-2021	11:07:00	24,74933	295,2461	277,2578	566,9913	567,4896	561,4242	24,26165	558,5323	295,4373	295,7965	295,4516	3,093407	3,422390	3,478907	44,84266
02-02-2021	11:08:00	24,74566	295,2076	275,9656	567,0186	567,516	561,4125	24,25937	558,5212	295,4101	295,7683	295,43	3,093349	3,421421	3,478907	44,20821
02-02-2021	11:09:00	24,74199	295,1691	274,6394	567,0459	567,5424	561,4008	24,25708	558,5101	295,3828	295,7401	295,4083	3,093291	3,420452	3,478907	43,91817
02-02-2021	11:10:00	24,73832	295,1306	274,3829	567,0732	567,5688	561,3892	24,2548	558,499	295,3557	295,7119	295,3867	3,093232	3,419483	3,478907	44,26798
02-02-2021	11:11:00	24,73465	295,0921	272,8996	567,1005	567,5952	561,3775	24,25252	558,4879	295,3284	295,6837	295,365	3,093174	3,418514	3,478907	43,27371
02-02-2021	11:12:00	24,73099	295,0536	273,7749	567,1278	567,6216	561,3658	24,25024	558,4767	295,3012	295,6555	295,3434	3,093115	3,417545	3,478907	43,41552
02-02-2021	11:13:00	24,72732	295,0151	273,9627	567,1551	567,648	561,3541	24,24795	558,4656	295,274	295,6273	295,3217	3,093056	3,416576	3,478907	43,06326
02-02-2021	11:14:00	24,72365	294,9766	274,5244	567,1824	567,6744	561,3425	24,24567	558,4545	295,2468	295,599	295,3	3,092998	3,415607	3,478907	43,46485
02-02-2021	11:15:00	24,71998	294,9381	274,0445	567,2097	567,7008	561,3307	24,24339	558,4434	295,2196	295,5708	295,2784	3,092939	3,414638	3,478907	43,35226
02-02-2021	11:16:00	24,716														

Datos DCS 02-02-2021

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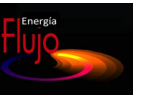


	PRES VAPOR BP (1/2)	TEMPERATURA VAPOR BP	TEMP ESCAPE TUR BP	TEMP VAP SELLO TUR VAPOR	PRES SIST VAP SELLO TUR VAP	TEMP EN EL POZO DEL CONDENSADOR	PRESION DESCARGA BBA-COND	TEMP DESCARGA BBA-COND	FLUJO CORRECTO DESCGA BBA-COND	PRESION CONDENSADOR	PRESION CONDENSADOR	PRESION CONDENSADOR	PRESION CONDENSADOR -VOTO 2/3
	10GMA_PTX_040(bar)	10VVP_TT_040(°C)	10GMA_TT_041(°C)	10CET_TT_001(°C)	10CET_PT_001(mbar)	10CEX_TT_002(°C)	10CEX_PIT_001(bar)	10CEX_TT_003(°C)	10CEX_FTV_080(t/h)	10CVI_PIT_001(mbar-A)	10CVI_PIT_0018(mbar-A)	10CVI_PIT_001C(mbar-A)	10CVI_PTX_001(mbar-A)
	bar	°C	°C	°C	mbar	°C	bar	°C	t/h	mbar-A	mbar-A	mbar-A	mbar-A
PROMEDIO	3,2	296,7	37,6	200,1	29,9	37,4	21,1	37,1	340,4	64,5	53,5	46,3	56,5
DESV EST	0,0059	0,5671	0,1033	0,0344	0,2652	0,1136	0,0283	0,0978	9,2958	0,0000	0,0000	0,0000	0,0000
%DESV EST	0,1829%	0,1911%	0,2750%	0,0172%	0,8875%	0,3041%	0,1341%	0,2640%	2,7305%	0,0000%	0,0000%	0,0000%	0,0000%
DATOS	61	61	61	61	61	61	61	61	61	61	61	61	61
DURACIÓN	1:00:00												

Fecha	Hora	PRES VAPOR BP (1/2)	TEMPERATURA VAPOR BP	TEMP ESCAPE TUR BP	TEMP VAP SELLO TUR VAPOR	PRES SIST VAP SELLO TUR VAP	TEMP EN EL POZO DEL CONDENSADOR	PRESION DESCARGA BBA-COND	TEMP DESCARGA BBA-COND	FLUJO CORRECTO DESCGA BBA-COND	PRESION CONDENSADOR	PRESION CONDENSADOR	PRESION CONDENSADOR	PRESION CONDENSADOR -VOTO 2/3
02-02-2021	10:30:00	3,190613	297,6625	37,69586	200,0687	30,08237	37,57438	21,06024	37,21478	349,1563	64,45313	53,45313	46,32031	56,50391
02-02-2021	10:31:00	3,190531	297,6305	37,69243	200,0735	30,09163	37,56718	21,06183	37,20934	347,5293	64,45313	53,45313	46,32031	56,50391
02-02-2021	10:32:00	3,19045	297,5986	37,689	200,0783	29,88368	37,55999	21,06343	37,20391	345,1947	64,45313	53,45313	46,32031	56,50391
02-02-2021	10:33:00	3,190369	297,5667	37,68558	200,0832	29,91159	37,5528	21,06502	37,19847	348,4267	64,45313	53,45313	46,32031	56,50391
02-02-2021	10:34:00	3,190288	297,5347	37,68215	200,088	29,93828	37,54561	21,06662	37,19304	350,725	64,45313	53,45313	46,32031	56,50391
02-02-2021	10:35:00	3,190207	297,5027	37,67872	200,0928	29,92893	37,53841	21,06821	37,1876	348,9558	64,45313	53,45313	46,32031	56,50391
02-02-2021	10:36:00	3,190125	297,4708	37,67529	200,0977	29,93982	37,53122	21,0698	37,18217	349,9351	64,45313	53,45313	46,32031	56,50391
02-02-2021	10:37:00	3,190044	297,4389	37,67187	200,1025	29,89792	37,52403	21,0714	37,17673	349,1981	64,45313	53,45313	46,32031	56,50391
02-02-2021	10:38:00	3,190333	297,4069	37,66844	200,1073	30,0616	37,51684	21,07299	37,1713	349,6816	64,45313	53,45313	46,32031	56,50391
02-02-2021	10:39:00	3,191055	297,375	37,66501	200,1122	29,9399	37,50965	21,07458	37,16587	345,8737	64,45313	53,45313	46,32031	56,50391
02-02-2021	10:40:00	3,191778	297,343	37,66159	200,117	29,35388	37,50246	21,07618	37,16043	347,577	64,45313	53,45313	46,32031	56,50391
02-02-2021	10:41:00	3,1925	297,3111	37,65816	200,1191	29,97099	37,49526	21,07777	37,15499	348,2751	64,45313	53,45313	46,32031	56,50391
02-02-2021	10:42:00	3,193223	297,2791	37,65473	200,1167	30,04802	37,48807	21,07937	37,14956	346,4056	64,45313	53,45313	46,32031	56,50391
02-02-2021	10:43:00	3,193945	297,2472	37,65131	200,1143	30,30713	37,48088	21,08096	37,14413	346,4957	64,45313	53,45313	46,32031	56,50391
02-02-2021	10:44:00	3,194668	297,2152	37,64788	200,112	30,36888	37,47369	21,08256	37,13869	348,7347	64,45313	53,45313	46,32031	56,50391
02-02-2021	10:45:00	3,19539	297,1833	37,64445	200,1096	30,05186	37,4665	21,08415	37,13326	348,1627	64,45313	53,45313	46,32031	56,50391
02-02-2021	10:46:00	3,196113	297,1513	37,64103	200,1072	29,89614	37,4593	21,08574	37,12782	346,9558	64,45313	53,45313	46,32031	56,50391
02-02-2021	10:47:00	3,196836	297,1194	37,6376	200,1048	30,36592	37,45211	21,08734	37,12239	347,5975	64,45313	53,45313	46,32031	56,50391
02-02-2021	10:48:00	3,197558	297,0875	37,63417	200,1024	30,25225	37,44492	21,08893	37,11695	347,1884	64,45313	53,45313	46,32031	56,50391
02-02-2021	10:49:00	3,198281	297,0555	37,63074	200,1001	30,17335	37,43773	21,09053	37,11152	347,9744	64,45313	53,45313	46,32031	56,50391
02-02-2021	10:50:00	3,199003	297,0236	37,62732	200,0977	30,09888	37,43053	21,09212	37,10608	348,5886	64,45313	53,45313	46,32031	56,50391
02-02-2021	10:51:00	3,199726	296,9916	37,62389	200,0953	30,22189	37,42334	21,09372	37,10065	350,197	64,45313	53,45313	46,32031	56,50391
02-02-2021	10:52:00	3,200448	296,9597	37,62046	200,0929	29,84632	37,41615	21,09531	37,09521	350,2553	64,45313	53,45313	46,32031	56,50391
02-02-2021	10:53:00	3,201171	296,9277	37,61703	200,0905	29,964	37,40896	21,0969	37,08978	348,4977	64,45313	53,45313	46,32031	56,50391
02-02-2021	10:54:00	3,201893	296,8958	37,61361	200,0882	29,82774	37,40176	21,0985	37,08434	350,5493	64,45313	53,45313	46,32031	56,50391
02-02-2021	10:55:00	3,202616	296,8638	37,61018	200,0858	29,51538	37,39457	21,10009	37,07891	348,795	64,45313	53,45313	46,32031	56,50391
02-02-2021	10:56:00	3,203338	296,8319	37,60675	200,0834	29,60568	37,38738	21,10168	37,07347	350,1963	64,45313	53,45313	46,32031	56,50391
02-02-2021	10:57:00	3,204061	296,8	37,60333	200,081	29,51736	37,38019	21,10328	37,06804	348,2484	64,45313	53,45313	46,32031	56,50391
02-02-2021	10:58:00	3,204783	296,768	37,5999	200,0786	29,95177	37,373	21,10487	37,06261	349,1426	64,45313	53,45313	46,32031	56,50391
02-02-2021	10:59:00	3,205506	296,7361	37,59647	200,0762	29,86062	37,36581	21,10647	37,05717	350,9062	64,45313	53,45313	46,32031	56,50391
02-02-2021	11:00:00	3,206228	296,7041	37,59305	200,0739	29,63017	37,35878	21,10806	37,05173	346,317	64,45313	53,45313	46,32031	56,50391
02-02-2021	11:01:00	3,206951	296,6722	37,58962	200,0715	29,61785	37,35319	21,10966	37,04628	349,3899	64,45313	53,45313	46,32031	56,50391
02-02-2021	11:02:00	3,207674	296,6402	37,58619	200,0691	29,4496	37,3476	21,11125	37,04069	349,2812	64,45313	53,45313	46,32031	56,50391
02-02-2021	11:03:00	3,207846	296,6083	37,58276	200,0667	29,49494	37,34201	21,11284	37,0351	344,1598	64,45313	53,45313	46,32031	56,50391
02-02-2021	11:04:00	3,207566	296,5763	37,57934	200,0643	29,12318	37,33641	21,11444	37,02951	338,1078	64,45313	53,45313	46,32031	56,50391
02-02-2021	11:05:00	3,207286	296,5444	37,57591	200,062	29,50714	37,33082	21,11603	37,02391	333,3714	64,45313	53,45313	46,32031	56,50391
02-02-2021	11:06:00	3,207005	296,5125	37,57248	200,0596	29,55705	37,32523	21,11763	37,01832	334,1092	64,45313	53,45313	46,32031	56,50391
02-02-2021	11:07:00	3,206725	296,4805	37,56906	200,0572	29,86385	37,31964	21,11922	37,01273	329,8426	64,45313	53,45313	46,32031	56,50391
02-02-2021	11:08:00	3,206444	296,4485	37,56563	200,0548	29,57925	37,31404	21,12082	37,00714	330,8721	64,45313	53,45313	46,32031	56,50391
02-02-2021	11:09:00	3,206164	296,4166	37,5622	200,0524	29,51394	37,30845	21,12241	37,00154	335,3587	64,45313	53,45313	46,32031	56,50391
02-02-2021	11:10:00	3,205883	296,3847	37,55879	200,0501	29,87315	37,30286	21,124	36,99595	337,6974	64,45313	53,45313	46,32031	56,50391
02-02-2021	11:11:00	3,205603	296,3527	37,54462	200,0477	29,79596	37,29727	21,1256	36,99036	334,4294	64,45313	53,45313	46,32031	56,50391
02-02-2021	11:12:00	3,205322	296,3208	37,53328	200,0453	29,74131	37,29168	21,12719	36,98477	333,0234	64,45313	53,45313	46,32031	56,50391
02-02-2021	11:13:00	3,205042	296,2888	37,52194	200,0429	29,92543	37,28608	21,12879	36,97918	329,8189	64,45313	53,45313	46,32031	56,50391
02-02-2021	11:14:00	3,204762	296,2569	37,5106	200,0405	30,28772	37,28049	21,13038	36,97358	331,6184	64,45313	53,45313	46,32031	56,50391
02-02-2021	11:15:00	3,204481	296,2249	37,49927	200,0382	30,0059	37,2749	21,13197	36,96799	326,9144	64,45313	53,45313	46,32031	56,50391
02-02-2021	11:16:00	3,204201	296,193	37,48793	200,0358	29,96574	37,26931	21,13357	36,9624	326,531	64,45313	53,45313	46,32031	56,50391
02-02-2021	11:17:00	3,20392	296,161	37,47659	200,0334	29,89777	37,26371	21,13516	36,95681	328,5587	64,45313	53,45313	46,32031	56,50391
02-02-2021	11:18:00	3,20364	296,1291	37,46525	200,031	30,10592	37,25812	21,13675	36,95122	328,0966	64,45313	53,45313	46,32031	56,50391
02-02-2021	11:19:00	3,203359	296,0972	37,45391	200,0287	29,97687	37,25253	21,13835	36,94563	328,9019	64,45313	53,45313	46,32031	56,50391
02-02-2021	11:20:00	3,203079	296,0652	37,44258	200,0263	30,0507	37,24694	21,13994	36,94003	328,0589	64,45313	53,45313	46,32031	56,50391
02-02-2021	11:21:00	3,202798	296,0333	37,43124	200,0239	29,734	37,24134	21,14154	36,93444	328,4791	64,45313	53,45313	46,32031	56,50391
02-02-2021	11:22:00	3,202518	296,0013	37,4199	200,0215	30,02731	37,23575	21,14313	36,92885	327,833	64,45313	53,45313	46,32031	56,50391

Datos DCS 02-02-2021

325MW



	FLUJO AGUA ADIC NOR COND	AGUA DE ALIM AP PRES DE DESCARGA	TEMP DE AGUA ALIM AP	FLUJO AGUA DE ALIM AP	FLUJO AGUA ATEMP AP	PRESION AGUA DE ALIM IP	TEMP AGUA DE ALIM IP	FLUJO AGUA DE ALIM IP	FLUJO AGUA ATEMP IP	FLUJO AGUA ATEMPERAMIENTO AP	FLUJO DE AGUA IP ATEMPERAMIENTO	FLUJO AGUA ATEMPERAMIENTO BP	FLUJO MASICO COMB LIQUIDO
	10CEX_FT_051(t/h)	1AAPH_PIT_001(bar)	1AFSR TT_001(°C)	1AFSR_FTV_001(t/h)	1AFSR_FTV_002(t/h)	1AFRH_PT_001(bar)	1AFRH TT_001(°C)	1AFRH_FTV_001(t/h)	1AFRH_FTV_004(t/h)	10GHP_FT_001(t/h)	10GMP_FT_001(t/h)	10GBP_FT_001(t/h)	1ATRE_FQ1M1(kg/s)
	t/h	bar	°C	t/h	t/h	bar	°C	t/h	t/h	t/h	t/h	t/h	kg/s
PROMEDIO	10,3	155,7	123,5	234,0	2,6	83,2	121,0	43,2	3,4	0,3	0,6	0,0	13,0
DESV EST	0,2946	1,2959	0,0919	7,3962	0,7841	0,7906	0,1170	1,7305	0,5602	0,1300	0,0673	0,0000	0,1381
%DESV EST	2,8711%	0,8325%	0,0744%	3,1610%	30,6073%	0,9505%	0,0967%	4,0091%	16,2882%	51,9121%	10,9535%	0,0000%	1,0596%
DATOS	61	61	61	61	61	61	61	61	61	61	61	14	61
DURACIÓN	1:00:00												

Fecha	Hora	FLUJO AGUA ADIC NOR COND	AGUA DE ALIM AP PRES DE DESCARGA	TEMP DE AGUA ALIM AP	FLUJO AGUA DE ALIM AP	FLUJO AGUA ATEMP AP	PRESION AGUA DE ALIM IP	TEMP AGUA DE ALIM IP	FLUJO AGUA DE ALIM IP	FLUJO AGUA ATEMP IP	FLUJO AGUA ATEMPERAMIENTO AP	FLUJO DE AGUA IP ATEMPERAMIENTO	FLUJO AGUA ATEMPERAMIENTO BP	FLUJO MASICO COMB LIQUIDO
02-02-2021	10:30:00	9,951818	154,7188	123,3935	240,192	1,804943	82,46719	120,7768	44,34438	2,855992	0,08076951	0,6328126	0,00234375	13,07571
02-02-2021	10:31:00	10,48526	154,8961	123,3986	239,228	1,833886	82,7303	120,7834	44,58221	3,000733	0,2235346	0,6328126	0,00234375	13,07496
02-02-2021	10:32:00	9,923721	154,9219	123,4038	239,1792	1,913659	82,76662	120,79	44,87499	3,000733	0,1716601	0,6328126	0,00234375	13,07422
02-02-2021	10:33:00	9,914997	154,9219	123,409	239,3858	1,836302	82,6922	120,7966	45,25248	2,773903	0,4818325	0,6328126	0,00234375	13,07348
02-02-2021	10:34:00	9,941604	154,9219	123,4142	240,6592	1,886286	82,6922	120,8032	45,65083	2,736635	0,2772656	0,6328126	0,00234375	13,07273
02-02-2021	10:35:00	9,969681	154,9219	123,4193	239,632	1,920155	82,90073	120,8098	45,7038	2,66716	0,2772656	0,6328126	0,00234375	13,07199
02-02-2021	10:36:00	10,47879	154,9219	123,4245	240,3111	1,905186	82,91719	120,8164	45,96847	2,929212	0,2772656	0,6328126	0,00234375	13,07125
02-02-2021	10:37:00	10,46787	154,6719	123,4297	240,2788	1,911598	82,41648	120,8229	45,64492	2,934422	0,2229435	0,6328126	0,00234375	13,07051
02-02-2021	10:38:00	10,45694	155,1719	123,4349	240,5112	1,837431	83,00645	120,8295	46,47875	2,934422	0,3493545	0,6328126	0,00234375	13,06976
02-02-2021	10:39:00	9,892795	155,1719	123,44	239,8637	1,88822	82,54225	120,8361	45,20706	2,856212	0,2125555	0,6328126	0,00234375	13,06902
02-02-2021	10:40:00	9,863976	154,5488	123,4452	239,8163	1,774033	82,45672	120,8427	45,49076	2,719104	0,1228216	0,6328126	0,00234375	13,06828
02-02-2021	10:41:00	9,872844	154,5	123,4504	240,724	1,85233	82,66519	120,8493	44,51909	2,719104	0,4938596	0,6328126	0,00234375	13,06753
02-02-2021	10:42:00	10,53842	154,5	123,4556	240,5456	1,854586	82,6922	120,8559	44,54031	2,719104	0,4172548	0,6328126	0,00234375	13,06679
02-02-2021	10:43:00	10,52231	154,2873	123,4607	239,9387	1,83723	82,57323	120,8625	44,25769	2,719104	0,4436859	0,6328126	0,00234375	13,06605
02-02-2021	10:44:00	10,50619	154,25	123,4659	240,9035	1,83988	82,35967	120,8691	44,01447	2,808865	0,3934183	0,6328126	0,00234375	13,0653
02-02-2021	10:45:00	10,49007	154,25	123,4711	241,4148	1,93085	82,18125	120,8756	44,23272	2,996362	0,3431507	0,6328126	0,00234375	13,06456
02-02-2021	10:46:00	9,924057	154,25	123,4762	240,7122	1,960734	82,18125	120,8822	44,03011	3,037191	0,2903214	0,6328126	0,00234375	13,06382
02-02-2021	10:47:00	10,47103	154,7185	123,4814	239,6329	2,021296	82,39316	120,8888	44,13904	3,14676	0,2279422	0,6328126	0,00234375	13,06307
02-02-2021	10:48:00	10,50198	155,2969	123,4866	240,1734	2,027299	82,99219	120,8954	43,72151	3,283534	0,165563	0,6328126	0,00234375	13,06233
02-02-2021	10:49:00	10,53294	155,2969	123,4918	240,2076	2,056151	82,6922	120,902	44,01432	3,307715	0,1410937	0,6328126	0,00234375	13,06159
02-02-2021	10:50:00	10,5639	154,9584	123,4969	240,05	2,115721	82,5338	120,9086	44,19803	3,380565	0,1410937	0,6328126	0,00234375	13,06084
02-02-2021	10:51:00	9,898219	154,8229	123,5021	240,7535	2,119865	82,18125	120,9152	44,29784	3,787691	0,1713947	0,6328126	0,00234375	13,06321
02-02-2021	10:52:00	9,903947	154,1953	123,5073	241,5971	2,104871	82,1975	120,9218	44,4494	3,787691	0,204001	0,6328126	0,00234375	13,06763
02-02-2021	10:53:00	10,49338	154,5357	123,5125	240,6457	2,263125	82,2633	120,9284	44,50115	3,774874	0,2366073	0,6328126	0,00234375	13,07206
02-02-2021	10:54:00	10,49617	154,3531	123,5176	241,42	2,005971	82,21407	120,9349	44,40392	3,640208	0,2692135	0,6328126	0,00234375	13,07648
02-02-2021	10:55:00	10,49897	154,0703	123,5228	241,6305	2,017504	82,21407	120,9415	44,33796	3,640208	0,3472972	0,6328126	0,00234375	13,08091
02-02-2021	10:56:00	10,50176	154,5698	123,528	240,4932	1,992148	82,60876	120,9481	44,48793	3,212233	0,06271262	0,6328126	0,00234375	13,08534
02-02-2021	10:57:00	10,50455	154,8438	123,5332	237,6408	1,972329	82,68314	120,9547	43,93862	3,172606	0,09351139	0,6328126	0,00234375	13,08976
02-02-2021	10:58:00	9,819501	154,7794	123,5383	241,0133	1,873134	82,40625	120,9613	44,18391	3,064895	0,1243102	0,6328126	0,00234375	13,09419
02-02-2021	10:59:00	9,895223	154,3203	123,5435	241,1039	1,804127	82,40625	120,9679	43,85973	3,046083	0,1551089	0,6328126	0,00234375	13,09861
02-02-2021	11:00:00	10,46077	154,3203	123,5487	239,3974	1,727537	82,40625	120,9745	43,31114	3,046083	0,1808867	0,6328126	0,00234375	13,10304
02-02-2021	11:01:00	10,48826	154,337	123,5539	240,3926	1,837355	82,43091	120,9811	43,35344	3,046083	0,2378615	0,6328126	0,00234375	13,10746
02-02-2021	11:02:00	10,51575	154,1679	123,559	240,7142	1,844832	82,39678	120,9876	44,02546	3,046083	0,3438209	0,6328126	0,00234375	13,11189
02-02-2021	11:03:00	10,54323	154,3203	123,5642	239,201	1,9381	82,60784	120,9942	43,24585	3,046083	0,5025996	0,6328126	0,00234375	13,11631
02-02-2021	11:04:00	10,57071	154,3203	123,5694	234,1053	2,061819	83,15805	121,0008	43,71076	3,325638	0,1928808	0,6328126	0,00234375	13,12074
02-02-2021	11:05:00	9,882838	155,1826	123,5746	228,1141	2,322881	83,38126	121,0074	42,87353	3,604014	0,1207365	0,6328126	0,00234375	13,12516
02-02-2021	11:06:00	10,37338	156,5703	123,5797	228,9634	2,562259	83,67861	121,014	42,92574	3,211542	0,1269665	0,6328126	0,00234375	13,12959
02-02-2021	11:07:00	10,53018	156,5703	123,5849	225,356	3,064029	83,80313	121,0206	42,60886	3,120736	0,1922904	0,6328126	0,00234375	13,13401
02-02-2021	11:08:00	10,50167	157,0193	123,5901	227,2433	3,136522	83,80313	121,0272	42,57076	3,116223	0,1068874	0,6328126	0,00234375	13,13844
02-02-2021	11:09:00	9,826037	157,0703	123,5953	229,8816	3,07761	83,80313	121,0338	42,32447	2,925997	0,1461533	0,6328126	0,00234375	13,14286
02-02-2021	11:10:00	10,4429	156,5073	123,6004	231,233	3,210986	83,31419	121,0404	42,52943	3,3033	0,4505119	0,6328126	0,00234375	13,14729
02-02-2021	11:11:00	10,272	155,4688	123,6056	230,8873	3,209347	83,80736	121,0469	41,85674	3,411456	0,376177	0,6328126	0,00234375	13,15172
02-02-2021	11:12:00	9,882182	156,8888	123,6108	227,6883	3,231014	84,04608	121,0535	41,59395	3,744365	0,2889068	0,6328126	0,00234375	13,15614
02-02-2021	11:13:00	10,45445	157,3203	123,616	224,2743	3,347108	83,83631	121,0601	41,18887	3,858308	0,2009484	0,6328126	0,00234375	13,16057
02-02-2021	11:14:00	10,47256	157,3181	123,6211	225,2674	3,517793	84,17535	121,0667	41,3908	3,801746	0,1129899	0,6328126	0,00234375	13,16499
02-02-2021	11:15:00	9,849428	157,1484	123,6263	222,4803	3,54163	84,11364	121,0733	40,85054	3,995301	0,3082747	0,6328126	0,00234375	13,1765
02-02-2021	11:16:00	10,52383	157,2016	123,6315	223,2932	3,690694	83,83126	121,0799	40,72765	3,985346	0,4755157	0,6328126	0,00234375	13,10075
02-02-2021	11:17:00	10,51881	157,2436	123,6367	222,1194	3,699687	83,8875	121,0865	40,72776	4,268167	0,3664859	0,6328126	0,00234375	13,06384
02-02-2021	11:18:00	9,847226	157,245	123,6418	224,2103	3,733067	84,14935	121,0931	40,68787	4,011763	0,2574561	0,6328126	0,00234375	13,02694
02-02-2021	11:19:00	9,873253	157,2734	123,647	224,7192	3,667862	84,24623	121,0996	40,42785	4,356448	0,1484264	0,6328126	0,00234375	12,99003
02-02-2021	11:20:00	10,41462	157,2734	123,6522	226,032	3,650515	84,02814	121,1062	40,78982	4,31952	0,3152063	0,6328126	0,00234375	12,95312
02-02-2021	11:21:00	10,49601	157,2734	123,6574	225,647	3,643212	84,07862	121,1128	41,0278	4,133707	0,05358621	0,6328126	0,00234375	12,91622
02-02-2021	11:22:00	1												

Datos DCS 02-02-2021 325MW



	NIVEL DEL DOMO AP -VOTO 2/3	TEMP DEL DOMO AP	NIVEL DEL DOMO IP -VOTO 2/3	PRESION DEL DOMO IP -VOTO 1/2	TEMP DEL DOMO IP	NIVEL DEL DOMO BP -VOTO 2/3	TEMP DEL DOMO BP	PRESION DEL DOMO BP -VOTO 1/2	TEMP DESCARGA BBA-AENF	TEMPERATURA EXTERNA 1/2 COND 2	TEMPERATURA EXTERNA 1/2 COND 1
	1AFSR_LTX_001(mm)	1AFSR_TT_002(°C)	1AFRH_LTX_001(mm)	1AFRH_PTX_002(bar)	1AFRH_TT_002(°C)	1AFBL_LTX_001(mm)	1AFBL_TT_001(°C)	1AFBL_PTX_001(bar)	10CRF_TT_001(°C)	10CRF_TT_202(°C)	10CRF_TT_201(°C)
	mm	°C	mm	bar	°C	mm	°C	bar	°C	°C	°C
PROMEDIO	1,5	305,0	-103,3	26,0	223,7	-106,5	141,4	3,7	22,7	28,7	31,3
DESV EST	1,2708	0,7682	32,2488	0,0553	0,6118	8,0537	0,0790	0,0493	0,0154	0,0999	0,1013
%DESV EST	82,7591%	0,2518%	-31,2148%	0,2124%	0,2734%	-7,5621%	0,0559%	1,3306%	0,0678%	0,3483%	0,3230%
DATOS	61	61	61	61	61	61	61	61	61	61	61
DURACIÓN	1:00:00										

Fecha	Hora	NIVEL DEL DOMO AP	TEMP DEL DOMO AP	NIVEL DEL DOMO IP	PRESION DEL DOMO IP	TEMP DEL DOMO IP	NIVEL DEL DOMO BP	TEMP DEL DOMO BP	PRESION DEL DOMO BP	TEMP DESCARGA BBA-AENF	TEMPERATURA EXTERNA 1/2 COND 2	TEMPERATURA EXTERNA 1/2 COND 1
02-02-2021	10:30:00	-1,554579	306,3439	-102,4238	26,11299	224,7713	-96,50738	141,526	3,690167	22,70332	28,8869	31,53741
02-02-2021	10:31:00	-1,298498	306,3006	-121,1457	26,10988	224,7368	-99,63922	141,5216	3,688324	22,70226	28,87892	31,52978
02-02-2021	10:32:00	-1,042416	306,2574	-123,6443	26,10676	224,7024	-102,2652	141,5171	3,686482	22,70121	28,87094	31,52215
02-02-2021	10:33:00	-0,7863343	306,2141	-126,3658	26,10365	224,6679	-102,7551	141,5127	3,684639	22,70015	28,86296	31,51452
02-02-2021	10:34:00	-0,5302528	306,1708	-139,9018	26,10054	224,6335	-96,03812	141,5082	3,682796	22,6991	28,85497	31,50689
02-02-2021	10:35:00	-0,2741711	306,1276	-142,0247	26,09742	224,599	-108,2704	141,5038	3,680954	22,69804	28,84699	31,49926
02-02-2021	10:36:00	-0,01808953	306,0843	-143,2466	26,09431	224,5645	-84,30886	141,4993	3,679111	22,69699	28,83901	31,49162
02-02-2021	10:37:00	0,2379921	306,041	-131,9011	26,0912	224,5301	-120,8874	141,4949	3,677269	22,69594	28,83103	31,48399
02-02-2021	10:38:00	0,4940737	305,9977	-122,5398	26,08808	224,4956	-109,8606	141,4904	3,675426	22,69488	28,82304	31,47636
02-02-2021	10:39:00	0,7501553	305,9545	-117,3778	26,08497	224,4612	-109,3312	141,486	3,673583	22,69383	28,81506	31,46873
02-02-2021	10:40:00	1,006237	305,9112	-113,2812	26,08185	224,4267	-113,8039	141,4815	3,671741	22,69277	28,80708	31,4611
02-02-2021	10:41:00	1,262319	305,8679	-101,1424	26,07874	224,3922	-112,4688	141,4771	3,669898	22,69172	28,79939	31,45346
02-02-2021	10:42:00	1,5184	305,8246	-100,3198	26,07563	224,3578	-109,5047	141,4726	3,668055	22,69066	28,79401	31,44583
02-02-2021	10:43:00	1,774482	305,7814	-101,6105	26,07251	224,3233	-112,185	141,4682	3,666213	22,68961	28,78862	31,43845
02-02-2021	10:44:00	2,030563	305,7381	-102,8279	26,0694	224,2888	-109,8322	141,4637	3,66437	22,68855	28,78324	31,43303
02-02-2021	10:45:00	1,750114	305,6948	-116,211	26,06629	224,2544	-110,4273	141,4593	3,662527	22,6875	28,77785	31,4276
02-02-2021	10:46:00	1,468382	305,6516	-122,7883	26,06317	224,2199	-109,6074	141,4548	3,660685	22,68645	28,77247	31,42218
02-02-2021	10:47:00	1,186651	305,6083	-134,3787	26,06006	224,1854	-108,5221	141,4504	3,658842	22,68539	28,76709	31,41676
02-02-2021	10:48:00	0,9049191	305,565	-137,6578	26,05694	224,151	-103,4409	141,4459	3,656999	22,68434	28,7617	31,41133
02-02-2021	10:49:00	0,6231875	305,5217	-117,3069	26,05383	224,1165	-103,9626	141,4415	3,655157	22,68328	28,75632	31,40591
02-02-2021	10:50:00	0,3414561	305,4785	-118,9842	26,05072	224,0821	-103,1831	141,437	3,653314	22,68223	28,75093	31,40049
02-02-2021	10:51:00	0,05972451	305,4352	-132,671	26,0476	224,0476	-103,778	141,4326	3,651471	22,68117	28,74555	31,39507
02-02-2021	10:52:00	-0,222007	305,3919	-116,3025	26,04449	224,0131	-108,1511	141,4281	3,649628	22,68012	28,74017	31,38964
02-02-2021	10:53:00	0,329717	305,3486	-111,2512	26,04138	223,9787	-103,3594	141,4237	3,647786	22,67907	28,73478	31,38422
02-02-2021	10:54:00	0,9197097	305,3054	-92,43488	26,03826	223,9442	-114,785	141,4192	3,646471	22,67801	28,7294	31,3788
02-02-2021	10:55:00	1,509702	305,2621	-75,3251	26,03515	223,9097	-106,9964	141,4147	3,651086	22,67696	28,72401	31,37337
02-02-2021	10:56:00	2,099695	305,2188	-81,26843	26,03203	223,8753	-112,0806	141,4103	3,6557	22,6759	28,71863	31,36795
02-02-2021	10:57:00	2,689688	305,1755	-53,81097	26,02892	223,8408	-102,6638	141,4059	3,660315	22,67485	28,71325	31,36253
02-02-2021	10:58:00	3,27968	305,1323	-39,89148	26,02581	223,8064	-102,9709	141,4014	3,66493	22,67379	28,70786	31,35711
02-02-2021	10:59:00	3,869673	305,089	-21,97296	26,02269	223,7719	-99,36382	141,397	3,669545	22,67274	28,70248	31,35168
02-02-2021	11:00:00	3,870545	305,0457	-14,2038	26,01958	223,7374	-107,9101	141,3925	3,67416	22,67168	28,69709	31,34626
02-02-2021	11:01:00	3,729362	305,0025	-22,20404	26,01647	223,703	-104,4353	141,3881	3,678774	22,67063	28,69171	31,34084
02-02-2021	11:02:00	3,588179	304,9592	-39,49896	26,01335	223,6685	-111,9512	141,3836	3,683389	22,66957	28,68633	31,33541
02-02-2021	11:03:00	3,446995	304,9159	-57,89264	26,01024	223,634	-110,4545	141,3792	3,688004	22,66852	28,68094	31,32999
02-02-2021	11:04:00	3,305812	304,8727	-79,42712	26,00712	223,5996	-116,9428	141,3747	3,692619	22,66747	28,67556	31,32457
02-02-2021	11:05:00	3,164629	304,8294	-80,62598	26,00401	223,5651	-110,637	141,3703	3,697233	22,66641	28,67017	31,31914
02-02-2021	11:06:00	3,023446	304,7861	-97,74591	26,0009	223,5307	-104,2769	141,3658	3,701848	22,66536	28,66479	31,31372
02-02-2021	11:07:00	2,882263	304,7428	-110,0488	25,99778	223,4962	-114,9161	141,3614	3,706463	22,6643	28,6594	31,3083
02-02-2021	11:08:00	2,74108	304,6996	-108,5819	25,99467	223,4617	-106,6866	141,3569	3,711078	22,66325	28,65402	31,30287
02-02-2021	11:09:00	2,599897	304,6563	-101,9349	25,99155	223,4273	-108,8916	141,3524	3,715693	22,6622	28,64864	31,29745
02-02-2021	11:10:00	2,458714	304,613	-97,52946	25,98844	223,3928	-117,7878	141,348	3,720307	22,66114	28,64325	31,29203
02-02-2021	11:11:00	2,31753	304,5697	-91,13864	25,98533	223,3584	-115,8848	141,3436	3,724922	22,66009	28,63787	31,2866
02-02-2021	11:12:00	2,176347	304,5265	-83,89874	25,98221	223,3239	-115,8848	141,3391	3,729537	22,65903	28,63248	31,28118
02-02-2021	11:13:00	2,035164	304,4832	-87,94078	25,9791	223,2894	-115,418	141,3347	3,734152	22,65798	28,6271	31,27576
02-02-2021	11:14:00	1,893981	304,4399	-82,63155	25,97599	223,255	-108,8456	141,3302	3,738766	22,65705	28,62172	31,27034
02-02-2021	11:15:00	1,752808	304,3966	-80,89761	25,97287	223,2205	-116,6094	141,3257	3,743381	22,65716	28,61633	31,26491
02-02-2021	11:16:00	1,611625	304,3534	-92,10959	25,96976	223,1861	-117,0028	141,3213	3,747996	22,65728	28,61095	31,25949
02-02-2021	11:17:00	1,470442	304,3101	-105,6552	25,96664	223,1516	-106,9106	141,3168	3,752611	22,6574	28,60556	31,25407
02-02-2021	11:18:00	1,329259	304,2668	-98,80576	25,96353	223,1171	-108,3408	141,3124	3,757226	22,65751	28,60018	31,24864
02-02-2021	11:19:00	1,188076	304,2235	-88,66797	25,96042	223,0827	-105,6367	141,308	3,76184	22,65763	28,5948	31,24322
02-02-2021	11:20:00	1,046893	304,1802	-124,8255	25,9573	223,0482	-113,3681	141,3035	3,766455	22,65775	28,58941	31,2378
02-02-2021	11:21:00	0,90571	304,137	-130,1259	25,95419	223,0137	-95,05927	141,2991	3,77107	22,65787	28,58403	31,23237
02-02-2021	11:22:00	0,764528	304,0937	-131,6507	25,95108	222,9793	-107,8935	141,2946	3,775685	22,65798	28,57864	31,22695
02-02-2021	11:23:00	0,623345	304,0504	-143,2556	25,94796	222,9448	-106,5328	141,2901	3,780299	22,6581	28,57326	31,22153
02-02-2021	11:24:00	0,482162	304,0072	-166,2946	25,94485	222,9104	-102,4596	141,2857	3,784914	22,65822	28,56788	31,2161
02-02-2021	11:25:00	0,340979	303,9639	-155,9296	25,94173	222,8759	-104,097	141,2813	3,789529	22,65833	28,56249	31,21068
02-02-2021	11:26:00	0,200796	303,9207	-135,1414	25,93862	222,8414	-92,09473	141,2768	3,794144	22,65845	28,55711	31,20526
02-02-2021	11:27:00	0,060613	303,8774	-131,9826	25,93551	222,807	-102,0288	141,2724	3,798758	22,65857	28,55172	31,19983
02-02-2021	11:28:00	0,02043	303,8341	-107,6281	25,93239	222,7725	-87,04394	141,2679	3,803373	22,65868	28,54634	31,19441
02-02-2021	11:29:00	0,08025	303,7908	-107,8311	25,92928	222,738	-95,86972	141,2634	3,807988	22,6588	28,54096	31,18899
02-02-2021	11:30:00	0,14007	303,7476	-83,95355	25,92617	222,7036	-80,71194	141,259	3,806629	22,65892	28,53557	31,18357

Datos DCS 02-02-2021 290MW



	ENT COMPRES TERMOC 1A	ENT COMPRES TERMOC 1B	ENT COMPRES TERMOC 2A	PRESION ENTRADA COMPRESOR 96	FACTOR DE POTENCIA CALCULADO	WATT MAXIMO GEN SELECCIONADO	MEDC CARGA GEN TUR (1/2)	CORRIENTE EXCIT GEN EX2K	VOLTAJE EXCIT GEN EX2K	EXCITACION CORRIENTE	EXCITACION VOLTAJE	FLUJO COMBUSTIBLE	PRESION DE ENTRADA A TURBINA GAS
	1ATRE_CTIF1A(°C)	1ATRE_CTIF1B(°C)	1ATRE_CTIF2A(°C)	1ATRE_AFPCS(mm.H2O)	1ATRE_DP()	1ATRE_DWATT(MW)	10GGE_SNX_001(MW)	1ATRE_EX2K_FLD_A(A)	1ATRE_EX2K_FLD_V(V)	10GEX_II_001(A)	10GEX_EI_001(V)	1ATRE_FCG(kg/s)	1ASGZ_PT_019(bar)
	°C	°C	°C	mm.H2O		MW	MW	A	V	A	V	kg/s	bar
PROMEDIO	17,6	17,9	17,8	36,2		0,9	182,8	112,3	1113,9		326,0		31,5
DESVEST	0,4584	0,2539	0,2617	2,9940		0,0074	0,5934	3,3438	40,6467		14,1781		0,0045
%DESVEST	2,6027%	1,4158%	1,4712%	8,2771%		0,7946%	0,3246%	2,9784%	3,6491%		1,9509%		0,0142%
DATOS	61	61	61	61		61	61	61	61		61		61
DURACIÓN	1:00:00	PROM-PROM	17,8									0	

Fecha	Hora	ENT COMPRES TERMOC 1A	ENT COMPRES TERMOC 1B	ENT COMPRES TERMOC 2A	PRESION ENTRADA COMPRESOR 96	FACTOR DE POTENCIA CALCULADO	WATT MAXIMO GEN SELECCIONADO	MEDC CARGA GEN TUR (1/2)	CORRIENTE EXCIT GEN EX2K	VOLTAJE EXCIT GEN EX2K	EXCITACION CORRIENTE	EXCITACION VOLTAJE	FLUJO COMBUSTIBLE	PRESION DE ENTRADA A TURBINA GAS
02-02-2021	12:00:00	16,96807	18,063	17,61939	38,45062	0,9312546	182,9447	115,2879	1155,99	339,5913	839,2005	120,9232	0	31,45812
02-02-2021	12:01:00	16,91244	18,21165	17,56359	37,52938	0,9300706	182,8429	114,9165	1143,475	337,9955	835,1312	124,4666	0	31,45837
02-02-2021	12:02:00	17,04141	17,84611	17,49324	38,00341	0,9288866	182,741	114,9971	1140,315	337,6023	836,4647	125,2087	0	31,45863
02-02-2021	12:03:00	16,42185	18,08018	17,43769	39,4652	0,9327188	182,6264	115,4263	1139,931	338,6511	835,0525	125,4311	0	31,45888
02-02-2021	12:04:00	17,06227	17,75952	17,43859	40,20036	0,9372052	182,5083	115,1694	1146,498	334,3246	835,3231	126,0374	0	31,45913
02-02-2021	12:05:00	16,82196	17,56547	17,55485	39,11105	0,9415191	182,3755	115,0724	1142,779	333,0529	831,5309	126,7258	0	31,45938
02-02-2021	12:06:00	16,89112	17,93478	17,60267	37,84796	0,94227	182,1853	115,5219	1146,671	337,2012	836,2908	123,868	0	31,45963
02-02-2021	12:07:00	16,96028	18,30409	17,65049	39,18724	0,943021	181,9951	114,9164	1141,289	330,4048	835,3927	127,1903	0	31,45988
02-02-2021	12:08:00	17,6944	17,87706	17,6845	38,68289	0,943772	182,4611	115,474	1144,175	338,2958	831,7317	121,5572	0	31,46013
02-02-2021	12:09:00	17,49127	17,61334	17,64081	38,85921	0,944523	183,0326	115,3112	1139,734	334,0845	835,369	124,8565	0	31,46038
02-02-2021	12:10:00	17,42724	18,09422	17,68583	39,1005	0,945274	182,897	115,1908	1153,252	333,4071	842,5961	126,5822	0	31,46064
02-02-2021	12:11:00	17,27646	17,7752	17,75651	39,77238	0,946025	182,5235	115,6717	1154,207	340,9904	839,5157	127,7733	0	31,46089
02-02-2021	12:12:00	16,97115	17,59342	17,42341	38,58934	0,946776	182,7156	114,0257	1153,607	337,0765	840,756	125,6585	0	31,46114
02-02-2021	12:13:00	17,03325	17,61455	17,43313	38,61266	0,9475269	183,6451	114,7375	1150,275	341,501	842,0353	125,4703	0	31,46139
02-02-2021	12:14:00	17,04403	17,5166	17,40193	39,22636	0,9474389	184,0703	115,3697	1158,415	340,4817	841,351	124,6556	0	31,46164
02-02-2021	12:15:00	16,87235	17,37496	17,53407	39,9141	0,9454626	183,5876	115,3789	1155,793	342,0251	838,9435	126,363	0	31,46189
02-02-2021	12:16:00	17,39519	17,81427	17,44188	37,23726	0,9434863	183,3273	115,0814	1152,046	338,2591	839,2822	124,4813	0	31,46214
02-02-2021	12:17:00	17,25639	17,96236	17,31231	39,37416	0,9415101	182,9537	115,1917	1153,747	339,8374	839,8788	121,9419	0	31,46239
02-02-2021	12:18:00	16,91034	17,82882	17,66797	39,20184	0,9395338	182,6908	115,1101	1150,755	336,347	838,8853	123,8183	0	31,46264
02-02-2021	12:19:00	17,64349	17,78156	17,48243	38,90073	0,9375575	182,6369	115,5005	1145,023	337,2083	834,3222	123,27	0	31,4629
02-02-2021	12:20:00	17,8391	17,84188	17,59377	38,56282	0,9355813	182,5829	115,2126	1156,831	343,5991	840,6407	126,6989	0	31,46315
02-02-2021	12:21:00	17,65961	17,4434	17,57901	39,29375	0,937017	183,3005	115,0287	1161,042	341,4331	842,4849	123,7923	0	31,4634
02-02-2021	12:22:00	17,44485	17,95106	17,65945	37,8912	0,9368244	183,7035	115,305	1162,015	343,177	843,3828	123,6232	0	31,46365
02-02-2021	12:23:00	17,96294	18,08924	17,74426	40,52835	0,9366319	181,1681	115,4531	1161,028	344,6805	839,3532	124,4714	0	31,4639
02-02-2021	12:24:00	18,20957	18,23683	17,86097	38,98306	0,9364392	180,9717	115,6176	1157,783	342,8635	843,2408	126,0891	0	31,46415
02-02-2021	12:25:00	18,12311	18,52386	17,96129	38,52386	0,9362466	182,5501	115,0117	1151,008	335,5409	842,6284	127,1575	0	31,46441
02-02-2021	12:26:00	17,92122	18,13786	17,89739	38,52522	0,9360541	182,7365	115,4134	1157,457	337,8155	843,4875	123,6817	0	31,46465
02-02-2021	12:27:00	17,71932	18,008	17,83348	39,16481	0,9358614	182,923	115,1871	1155,343	346,1582	840,8729	124,642	0	31,46491
02-02-2021	12:28:00	17,90963	17,97355	18,11999	38,97671	0,9356688	183,1094	115,2276	1142,696	336,1982	831,8141	126,3569	0	31,46516
02-02-2021	12:29:00	18,01667	17,93006	18,00869	39,34443	0,9354762	183,252	115,0544	1153,392	339,4782	842,6219	128,8566	0	31,46541
02-02-2021	12:30:00	17,72286	17,47966	17,94521	38,69393	0,9352836	183,3876	114,8634	1150,891	340,3363	838,2184	123,0953	0	31,46566
02-02-2021	12:31:00	17,92654	17,65356	17,98864	38,03375	0,935091	183,5433	115,4206	1143,06	337,0447	835,8263	126,3844	0	31,46591
02-02-2021	12:32:00	18,08344	17,82423	18,04205	36,75328	0,9348984	181,8411	114,7476	1130,662	331,4486	836,3716	124,5308	0	31,46616
02-02-2021	12:33:00	17,92088	17,89338	18,12186	35,65221	0,9347058	182,2493	113,7602	1109,336	326,8286	832,0757	125,6131	0	31,46641
02-02-2021	12:34:00	17,66511	17,96254	18,16198	33,90211	0,9345132	181,5828	113,1392	1083,937	317,4551	822,478	125,013	0	31,46667
02-02-2021	12:35:00	18,02961	18,03169	17,80029	33,02666	0,9336191	182,6002	111,2214	1076,296	313,3975	824,7178	122,7099	0	31,46692
02-02-2021	12:36:00	17,99982	18,04539	18,10621	32,25671	0,932406	183,2922	110,1036	1079,653	316,6842	819,8223	121,9236	0	31,46717
02-02-2021	12:37:00	18,24729	17,96618	17,88839	32,7851	0,9311929	183,993	109,1063	1070,511	311,8943	816,4048	120,3273	0	31,46742
02-02-2021	12:38:00	17,9785	17,74962	18,10936	33,08373	0,9299797	182,3882	108,7422	1077,168	312,9831	815,3297	119,8158	0	31,46767
02-02-2021	12:39:00	18,0444	18,09563	18,03593	32,91703	0,9287666	182,2357	108,4819	1080,075	308,8175	812,8162	122,1702	0	31,46792
02-02-2021	12:40:00	18,11104	18,02899	17,96251	32,91253	0,9275535	182,4295	108,2106	1075,781	311,6695	809,7999	121,0071	0	31,46817
02-02-2021	12:41:00	17,62254	18,3411	17,88447	33,52003	0,9263403	182,6233	107,9719	1080,655	315,3084	812,4953	121,4119	0	31,46842
02-02-2021	12:42:00	18,27703	18,14958	17,96096	33,17374	0,9251272	182,8899	108,0118	1084,599	316,6434	812,9086	120,1905	0	31,46868
02-02-2021	12:43:00	18,04952	18,16835	18,0668	33,65676	0,9245278	182,6714	108,1417	1077,076	312,3839	809,6663	123,1609	0	31,46893
02-02-2021	12:44:00	17,9504	18,18711	17,56351	33,82269	0,9240537	182,3097	108,0335	1069,867	310,5061	805,1017	118,5548	0	31,46918
02-02-2021	12:45:00	17,91516	18,24603	17,63808	33,15252	0,9235795	182,3457	107,971	1064,764	310,5342	803,6868	121,437	0	31,46943
02-02-2021	12:46:00	18,18742	18,33582	18,03464	33,44904	0,9231053	182,609	107,9214	1058,905	307,2883	799,0129	121,6168	0	31,46968
02-02-2021	12:47:00	17,85281	18,0272	17,65669	33,33294	0,9226311	182,9582	107,9058	1059,461	310,9629	800,4148	119,8027	0	31,46993
02-02-2021	12:48:00	17,46775	17,86787	17,69519	32,89413	0,9225996	182,3837	108,4546	1060,24	310,4153	798,9405	118,5383	0	31,47018
02-02-2021	12:49:00	17,04568	18,04057	17,33052	32,50977	0,924059	182,9674	108,3603	1061,366	308,489	802,2489	120,5554	0	31,47043
02-02-2021	12:50:00	17,22386	18,07624	17,47285	32,37253	0,9255183	183,7653	108,2796	1057,694	303,116	799,6476	116,1136	0	31,47069
02-02-2021	12:51:00	17,53053	17,64627	17,61518	32,73494	0,9269776	183,1451	108,4424	1063,293	305,925	802,8389	119,1798	0	31,47094
02-02-2021	12:52:00	17,38832	17,70474	17,92654	32,95473	0,9280304	182,5249	108,605	1060,469	308,6828	800,9478	119,9205	0	31,47119
02-02-2021	12:53:00	18,08933	17,70802	18,19777	32,83649	0,9269527	182,5792	108,145	1060,317	308,1922	802,9422	121,2894	0	31,47144
02-02-2021	12:54:00	17,73956	17,95534	18,11394	31,89202	0,925875	183,3189	108,3315	1065,048	309,9789	801,4191	119,7316	0	31,47169
02-02-2021	12:55:00	17,71623	18,20266	17,97053										

Datos DCS 02-02-2021

290MW



	PRESION DE ENTRADA A FILTROS	TEMPERATURA COMBUSTIBLE	PRES VAPOR VIVO (1/2)	TEMPERATURA VAPOR AP	PRESION VAPOR AP -VOTO 1/2	FLUJO DE VAPOR AP	PRESION ARRIBA PALETAS AP	TEMP SUPERFICIE TUR AP (2/3)	PRESION CONDENSADOR	PRESION CONDENSADOR	PRESION CONDENSADOR	PRES VAP RECAL FRIO	TEMP VAPOR RECALENTADO FRIO	PRESION DE VAPOR IP
	1ASGZ_PT_015(bar)	1ATRE_FTG(°C)	10GMA_PTX_010(bar)	10VVP_TT_012(°C)	1AFSR_PTX_003(bar)	1AFSR_FTV_005(t/h)	10GMA_PT_011(bar)	10GMA_TTX_011(°C)	10CVI_PIT_001A(mbar-A)	10CVI_PIT_001B(mbar-A)	10CVI_PIT_001C(mbar-A)	10GMA_PT_021(bar)	10VVP_TT_021(°C)	1AFRH_PT_004A(bar)
	bar	°C	bar	°C	bar	t/h	bar	°C	mbar-A	mbar-A	mbar-A	bar	°C	bar
PROMEDIO	31,4	38,3	81,7	566,5	83,0	227,4	79,1	534,0	62,1	51,0	43,8	24,3	398,0	24,2
DESV EST	0,0046	0,1478	0,1417	0,1398	0,1463	5,9746	2,0072	0,1462	0,0000	0,0000	0,0000	0,0305	0,0960	0,0584
%DESV EST	0,0147%	0,3853%	0,1735%	0,0247%	0,1762%	2,6269%	2,5392%	0,0274%	0,0000%	0,0000%	0,0000%	0,1255%	0,0241%	0,2410%
DATOS	61	61	61	61	61	61	61	61	61	61	61	61	61	61
DURACIÓN	1:00:00													

Fecha	Hora	1ASGZ_PT_015(bar)	1ATRE_FTG(°C)	10GMA_PTX_010(bar)	10VVP_TT_012(°C)	1AFSR_PTX_003(bar)	1AFSR_FTV_005(t/h)	10GMA_PT_011(bar)	10GMA_TTX_011(°C)	10CVI_PIT_001A(mbar-A)	10CVI_PIT_001B(mbar-A)	10CVI_PIT_001C(mbar-A)	10GMA_PT_021(bar)	10VVP_TT_021(°C)	1AFRH_PT_004A(bar)
02-02-2021	12:00:00	31,45237	38,1609	81,82284	566,5209	83,29306	232,1387	80,77522	534,0065	62,13281	51,00391	43,82813	24,32643	398,125	24,34717
02-02-2021	12:01:00	31,45211	38,14119	81,8457	566,5469	83,28482	232,9646	80,6807	534,0172	62,13281	51,00391	43,82813	24,32471	398,125	24,34388
02-02-2021	12:02:00	31,45185	38,12149	81,86856	566,5729	83,27657	232,7466	80,79149	534,028	62,13281	51,00391	43,82813	24,32299	398,125	24,34058
02-02-2021	12:03:00	31,45159	38,10178	81,89142	566,5989	83,26833	232,9463	80,93988	534,0386	62,13281	51,00391	43,82813	24,32128	398,125	24,33729
02-02-2021	12:04:00	31,45133	38,08207	81,90579	566,6249	83,26009	232,2074	80,57388	534,0494	62,13281	51,00391	43,82813	24,31956	398,125	24,334
02-02-2021	12:05:00	31,45107	38,06236	81,88434	566,651	83,25185	232,1451	80,94328	534,06	62,13281	51,00391	43,82813	24,31785	398,125	24,33071
02-02-2021	12:06:00	31,45081	38,04811	81,86288	566,677	83,24361	232,2878	80,80061	534,0619	62,13281	51,00391	43,82813	24,31613	398,125	24,32742
02-02-2021	12:07:00	31,45055	38,07002	81,84144	566,6936	83,23537	232,4518	80,73176	534,0637	62,13281	51,00391	43,82813	24,31441	398,125	24,32413
02-02-2021	12:08:00	31,45029	38,09193	81,81998	566,6879	83,22713	232,5724	81,09733	534,0656	62,13281	51,00391	43,82813	24,3127	398,125	24,32084
02-02-2021	12:09:00	31,45003	38,11385	81,79853	566,6821	83,21888	232,8272	80,62788	534,0674	62,13281	51,00391	43,82813	24,31098	398,125	24,31754
02-02-2021	12:10:00	31,44977	38,13576	81,77708	566,6764	83,21064	232,5997	80,73887	534,0692	62,13281	51,00391	43,82813	24,30927	398,125	24,31425
02-02-2021	12:11:00	31,44951	38,15767	81,75562	566,6707	83,2024	232,6195	80,6647	534,071	62,13281	51,00391	43,82813	24,30755	398,125	24,31096
02-02-2021	12:12:00	31,44925	38,17958	81,73418	566,6649	83,19415	232,8746	80,49654	534,0729	62,13281	51,00391	43,82813	24,30584	398,125	24,30767
02-02-2021	12:13:00	31,44899	38,20149	81,71272	566,6592	83,18591	232,576	80,93691	534,0747	62,13281	51,00391	43,82813	24,30412	398,125	24,30438
02-02-2021	12:14:00	31,44873	38,2234	81,69127	566,6534	83,17767	232,9051	80,79018	534,0765	62,13281	51,00391	43,82813	24,3024	398,125	24,30109
02-02-2021	12:15:00	31,44847	38,24532	81,66982	566,6477	83,16943	232,7315	80,90083	534,0784	62,13281	51,00391	43,82813	24,30069	398,125	24,2978
02-02-2021	12:16:00	31,44821	38,26723	81,64836	566,642	83,16119	232,8695	80,80802	534,0802	62,13281	51,00391	43,82813	24,29897	398,125	24,29451
02-02-2021	12:17:00	31,44795	38,28913	81,62691	566,6362	83,15295	232,6116	80,76009	534,082	62,13281	51,00391	43,82813	24,29726	398,125	24,29122
02-02-2021	12:18:00	31,44769	38,31105	81,60546	566,6305	83,14471	232,91	80,89174	534,0839	62,13281	51,00391	43,82813	24,29554	398,125	24,28792
02-02-2021	12:19:00	31,44743	38,33296	81,58401	566,6248	83,13646	232,6792	80,74052	534,0857	62,13281	51,00391	43,82813	24,29383	398,125	24,28463
02-02-2021	12:20:00	31,44717	38,35487	81,56255	566,619	83,12822	232,428	80,69418	534,0876	62,13281	51,00391	43,82813	24,29211	398,125	24,28134
02-02-2021	12:21:00	31,44691	38,37678	81,5411	566,6133	83,11998	233,4314	81,01606	534,0894	62,13281	51,00391	43,82813	24,29039	398,125	24,27805
02-02-2021	12:22:00	31,44665	38,39869	81,51965	566,6075	83,11174	232,4842	80,92663	534,0912	62,13281	51,00391	43,82813	24,28868	398,125	24,27476
02-02-2021	12:23:00	31,44639	38,4206	81,4982	566,6018	83,10349	233,4633	80,86516	534,0931	62,13281	51,00391	43,82813	24,28696	398,125	24,27147
02-02-2021	12:24:00	31,44613	38,44252	81,47675	566,5961	83,09525	232,9847	80,77875	534,0949	62,13281	51,00391	43,82813	24,28525	398,125	24,26818
02-02-2021	12:25:00	31,44587	38,46443	81,45529	566,5903	83,08701	232,4964	80,86414	534,0967	62,13281	51,00391	43,82813	24,28353	398,125	24,26488
02-02-2021	12:26:00	31,44561	38,48634	81,43384	566,5846	83,07877	232,8481	81,05714	534,0986	62,13281	51,00391	43,82813	24,28181	398,125	24,26159
02-02-2021	12:27:00	31,44535	38,50825	81,41239	566,5788	83,07053	232,52	80,70171	534,1004	62,13281	51,00391	43,82813	24,2801	398,125	24,2583
02-02-2021	12:28:00	31,44509	38,53016	81,42944	566,5731	83,06229	232,9444	80,82962	534,1022	62,13281	51,00391	43,82813	24,27838	398,1242	24,25501
02-02-2021	12:29:00	31,44483	38,55207	81,44699	566,5673	83,05405	233,3715	80,91409	534,1041	62,13281	51,00391	43,82813	24,27667	398,1153	24,25172
02-02-2021	12:30:00	31,44457	38,5627	81,46455	566,5616	83,0458	232,5942	80,95985	534,1059	62,13281	51,00391	43,82813	24,27495	398,1064	24,24843
02-02-2021	12:31:00	31,44431	38,55163	81,48211	566,5558	83,03756	232,1644	80,88093	534,1077	62,13281	51,00391	43,82813	24,27324	398,0974	24,24514
02-02-2021	12:32:00	31,44405	38,54057	81,49967	566,5501	83,02932	231,9249	80,5772	534,1096	62,13281	51,00391	43,82813	24,27152	398,0885	24,24185
02-02-2021	12:33:00	31,44379	38,5295	81,51723	566,5444	83,02107	229,7457	80,02357	534,1115	62,13281	51,00391	43,82813	24,2698	398,0795	24,23856
02-02-2021	12:34:00	31,44353	38,51844	81,53479	566,5386	83,01283	228,5067	78,90666	534,1133	62,13281	51,00391	43,82813	24,26809	398,0706	24,23526
02-02-2021	12:35:00	31,44327	38,50737	81,55235	566,5329	83,00459	225,0991	78,22024	534,1151	62,13281	51,00391	43,82813	24,26637	398,0616	24,23197
02-02-2021	12:36:00	31,44301	38,49631	81,56991	566,5271	82,99635	221,6298	77,36253	534,1169	62,13281	51,00391	43,82813	24,26466	398,0527	24,22868
02-02-2021	12:37:00	31,44275	38,48524	81,58746	566,5214	82,98811	220,9731	76,97908	534,1188	62,13281	51,00391	43,82813	24,26294	398,0438	24,22539
02-02-2021	12:38:00	31,44249	38,47417	81,60503	566,4963	82,97987	220,7124	76,56664	534,1128	62,13281	51,00391	43,82813	24,26122	398,0348	24,2221
02-02-2021	12:39:00	31,44223	38,46311	81,62258	566,4805	82,97163	219,6854	76,49425	534,0897	62,13281	51,00391	43,82813	24,25951	398,0259	24,21881
02-02-2021	12:40:00	31,44197	38,45205	81,64014	566,4706	82,96338	219,9757	76,47056	534,0665	62,13281	51,00391	43,82813	24,25779	398,0169	24,21552
02-02-2021	12:41:00	31,44171	38,44098	81,6577	566,4577	82,95514	219,6461	76,57629	534,0434	62,13281	51,00391	43,82813	24,25608	398,008	24,21222
02-02-2021	12:42:00	31,44145	38,42992	81,67526	566,4448	82,9469	219,4063	76,64559	534,0203	62,13281	51,00391	43,82813	24,25436	397,9991	24,20893
02-02-2021	12:43:00	31,44119	38,41885	81,69282	566,4319	82,93866	219,8217	76,57217	533,9971	62,13281	51,00391	43,82813	24,25265	397,9901	24,20564
02-02-2021	12:44:00	31,44093	38,40778	81,71038	566,4191	82,93041	219,912	76,54705	533,9739	62,13281	51,00391	43,82813	24,25093	397,9812	24,20235
02-02-2021	12:45:00	31,44067	38,39672	81,72794	566,4062	82,92217	220,4396	76,68892	533,9508	62,13281	51,00391	43,82813	24,24921	397,9723	24,19906
02-02-2021	12:46:00	31,44041	38,38565	81,7455	566,3933	82,91393	220,3526	76,60001	533,9277	62,13281	51,00391	43,82813	24,2475	397,9633	24,19577
02-02-2021	12:47:00	31,44015	38,37459	81,76305	566,3804	82,90569	220,5881	76,85981	533,9045	62,13281	51,00391	43,82813	24,24578	397,9544	24,19248
02-02-2021	12:48:00	31,43989	38,36353	81,78062	566,3676	82,89745	220,6523	76,47021	533,8814	62,13281	51,00391	43,82813	24,24407	397,9454	24,18919
02-02-2021	12:49:00	31,43963	38,35246	81,79817	566,3547	82,8892									

Datos DCS 02-02-2021 290MW

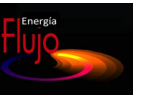


	PRESION DE VAPOR IP	TEMP DE VAPOR SOB CAL IP	FLUJO VAPOR TOTAL BYPASS IP	TEMP DE VAPOR IP	TEMP DE VAPOR IP	TEMP DE VAPOR IP	TEMP DE VAPOR IP	PRES VAP REGENERADO CAL (1/2)	TEMP VAPOR MP ENTRADA TURBINA	TEMP DE VAPOR BP -VOTO 1/2	TEMP DE VAPOR BP	TEMP DE VAPOR BP	PRESION VAPOR BP	PRESION VAPOR BP	PRESION VAPOR BP -VOTO 1/2	FLUJO DE VAPOR BP
	1AFRH_PT_004B(bar)	1AFRH TT_008(°C)	10GMP_UN_861(t/h)	1AFRH TT_005A(°C)	1AFRH TT_005B(°C)	1AFRH TT_005C(°C)	10GMA_PT_X_030(bar)		10VVP TT_031(°C)	1AFBL_TTX_002(°C)	1AFBL TT_002A(°C)	1AFBL TT_002B(°C)	1AFBL_PT_003A(bar)	1AFBL_PT_003B(bar)	1AFBL_PT_X_003(bar)	1AFBL_FTV_004(t/h)
	bar	°C	t/h	°C	°C	°C	bar		°C	°C	°C	°C	bar	bar	bar	t/h
PROMEDIO	23,4	292,1	269,2	567,4	567,9	559,7		23,0	557,3	293,2	293,5	293,3	3,1	3,5	3,5	41,2
DESV EST	0,0718	0,6732	6,6666	0,9281	0,9079	0,7440		0,0921	0,4042	0,4937	0,5024	0,7223	0,0061	0,0024	0,0002	2,5893
%DESV EST	0,3075%	0,2305%	2,4761%	0,1636%	0,1599%	0,1329%		0,4000%	0,0725%	0,1684%	0,1712%	0,2463%	0,1976%	0,0686%	0,0062%	6,2843%
DATOS	61	61	61	61	61	61		61	61	61	61	61	61	61	61	61
DURACIÓN	1:00:00															

Fecha	Hora															
02-02-2021	12:00:00	23,48133	293,2183	274,8279	568,4384	568,8888	560,8052	23,05167	557,9426	293,9954	294,3016	294,3038	3,090307	3,454688	3,478907	43,5457
02-02-2021	12:01:00	23,47728	293,1804	275,7542	568,4657	568,9152	560,7936	23,05133	557,9315	293,9681	294,2734	294,2821	3,090248	3,454688	3,478907	43,36383
02-02-2021	12:02:00	23,47324	293,1424	275,3586	568,493	568,9416	560,7819	23,05098	557,9203	293,9409	294,2452	294,2604	3,090189	3,454688	3,478907	43,50495
02-02-2021	12:03:00	23,46919	293,1045	275,3286	568,5203	568,968	560,7702	23,05064	557,9092	293,9137	294,217	294,2388	3,090131	3,454688	3,478907	43,26233
02-02-2021	12:04:00	23,46515	293,0666	274,9508	568,5476	568,9944	560,7585	23,05349	557,8894	293,8865	294,1888	294,2171	3,090072	3,454688	3,478907	43,39006
02-02-2021	12:05:00	23,4611	293,0287	274,0329	568,575	569,0208	560,7468	23,05675	557,8665	293,8593	294,1606	294,1955	3,090014	3,454688	3,478907	43,54281
02-02-2021	12:06:00	23,45705	292,9908	274,8734	568,6022	569,0472	560,7352	23,06001	557,8436	293,8321	294,1324	294,1738	3,089955	3,454688	3,478907	43,26212
02-02-2021	12:07:00	23,45301	292,9528	274,2862	568,6295	569,0736	560,7235	23,06327	557,8207	293,8049	294,1042	294,1522	3,089897	3,454688	3,478907	43,48066
02-02-2021	12:08:00	23,44896	292,9149	275,7848	568,6569	569,1	560,7089	23,06653	557,7979	293,7777	294,076	294,1305	3,089811	3,454688	3,478907	43,49675
02-02-2021	12:09:00	23,44491	292,877	274,5777	568,6764	569,1264	560,6655	23,0698	557,775	293,7505	294,0478	294,1088	3,089453	3,454688	3,478907	43,51181
02-02-2021	12:10:00	23,44087	292,8391	275,1818	568,6193	569,1452	560,6219	23,07306	557,752	293,7233	294,0196	294,0872	3,089096	3,454688	3,478921	43,19156
02-02-2021	12:11:00	23,43682	292,8011	274,6228	568,5623	569,0884	560,5785	23,07632	557,7291	293,6961	293,9914	294,0655	3,088738	3,454688	3,478934	43,70626
02-02-2021	12:12:00	23,43278	292,7632	275,3966	568,5052	569,0316	560,535	23,07958	557,7062	293,6689	293,9632	294,0439	3,088381	3,454688	3,478947	43,61675
02-02-2021	12:13:00	23,42873	292,7253	275,0858	568,4482	568,9748	560,4916	23,08284	557,6833	293,6417	293,9349	294,0222	3,088023	3,454688	3,47896	43,46984
02-02-2021	12:14:00	23,42468	292,6874	275,3199	568,918	568,918	560,4481	23,0861	557,6605	293,6145	293,9066	294,0005	3,087665	3,454688	3,478973	43,41831
02-02-2021	12:15:00	23,42064	292,6494	274,7266	568,334	568,8612	560,4046	23,08937	557,6376	293,5873	293,8783	293,9789	3,087308	3,454688	3,478986	43,3797
02-02-2021	12:16:00	23,41659	292,6115	274,615	568,8044	569,3611	560,3611	23,09263	557,6147	293,56	293,85	293,9572	3,08695	3,454688	3,478999	43,8281
02-02-2021	12:17:00	23,41255	292,5736	274,6826	568,2199	568,7476	560,3177	23,09589	557,5918	293,532	293,8217	293,9335	3,086592	3,454688	3,479012	43,46635
02-02-2021	12:18:00	23,4085	292,5357	274,8583	568,1628	568,6908	560,2742	23,09915	557,5688	293,5041	293,7934	293,8884	3,086235	3,454688	3,479025	43,38494
02-02-2021	12:19:00	23,40445	292,4978	275,2467	568,1058	568,634	560,2307	23,10241	557,546	293,4762	293,765	293,8433	3,085877	3,454688	3,479038	43,44239
02-02-2021	12:20:00	23,40041	292,4598	274,5082	568,0487	568,5772	560,1873	23,10567	557,5231	293,4482	293,7367	293,7982	3,08552	3,454688	3,479051	43,554
02-02-2021	12:21:00	23,39636	292,4219	275,1601	567,9916	568,5204	560,1438	23,10893	557,5002	293,4203	293,7084	293,7531	3,085162	3,454688	3,479064	43,59859
02-02-2021	12:22:00	23,39232	292,384	274,8843	567,9346	568,4636	560,1003	23,1122	557,4773	293,3923	293,6801	293,708	3,084804	3,454688	3,479077	43,38055
02-02-2021	12:23:00	23,38827	292,3461	275,9768	567,8775	568,4068	560,0569	23,11546	557,4544	293,3644	293,6518	293,6629	3,084447	3,454688	3,47909	43,47218
02-02-2021	12:24:00	23,38422	292,3081	275,2448	567,8204	568,35	560,0134	23,11872	557,4315	293,3365	293,6235	293,6179	3,084089	3,454688	3,479103	43,54794
02-02-2021	12:25:00	23,38018	292,2702	274,7571	568,2932	568,2932	560,0000	23,12198	557,4086	293,3085	293,5952	293,5728	3,083732	3,454688	3,479116	43,58167
02-02-2021	12:26:00	23,37613	292,2323	275,8455	567,7063	568,2364	560,0000	23,12524	557,3857	293,2806	293,5668	293,5276	3,083374	3,454688	3,479129	43,13474
02-02-2021	12:27:00	23,37209	292,1944	274,2774	567,6492	568,1796	560,0000	23,11474	557,3628	293,2526	293,5385	293,4826	3,083016	3,454688	3,479142	43,32448
02-02-2021	12:28:00	23,36804	292,1565	275,5337	567,5922	568,1227	560,0000	23,10707	557,3399	293,2247	293,5102	293,4375	3,082659	3,454688	3,479155	43,53833
02-02-2021	12:29:00	23,36399	292,1185	274,871	567,5351	568,066	560,0000	23,09939	557,317	293,1967	293,4819	293,3924	3,082301	3,454688	3,479168	43,52744
02-02-2021	12:30:00	23,35995	292,0806	275,2859	567,478	568,0092	560,0000	23,09172	557,2941	293,1688	293,4536	293,3473	3,081944	3,454688	3,479181	43,62948
02-02-2021	12:31:00	23,3559	292,0427	275,3668	567,421	567,9524	560,0000	23,08404	557,2712	293,1408	293,4253	293,3022	3,081586	3,454688	3,479194	43,32741
02-02-2021	12:32:00	23,35186	292,0048	274,7962	567,3639	567,8956	560,0000	23,07637	557,2484	293,1129	293,3969	293,2571	3,081228	3,454688	3,479207	43,18981
02-02-2021	12:33:00	23,34781	291,9669	272,1208	567,3068	567,8387	560,0000	23,06869	557,2254	293,085	293,3686	293,212	3,080871	3,454688	3,47922	42,22203
02-02-2021	12:34:00	23,34376	291,9289	270,5929	567,2498	567,782	560,0000	23,06102	557,2025	293,057	293,3403	293,1669	3,080513	3,454688	3,479233	41,51903
02-02-2021	12:35:00	23,33972	291,891	267,631	567,1927	567,7252	560,0000	23,05334	557,1796	293,0291	293,312	293,1219	3,080155	3,454688	3,479246	41,24567
02-02-2021	12:36:00	23,33567	291,8531	265,0774	567,1356	567,6683	560,0000	23,04567	557,1567	293,0011	293,2837	293,0768	3,079798	3,454688	3,479259	39,25632
02-02-2021	12:37:00	23,33162	291,8152	263,697	567,0786	567,6116	560,0000	23,03799	557,1339	292,9732	293,2554	293,0317	3,07944	3,454688	3,479272	39,01659
02-02-2021	12:38:00	23,32758	291,7773	261,2533	567,0215	567,5547	560,0000	23,03032	557,111	292,9453	293,2271	292,9866	3,079083	3,454688	3,479285	38,45653
02-02-2021	12:39:00	23,32353	291,7393	261,3524	566,9644	567,4979	560,0000	23,02264	557,0881	292,9173	293,1987	292,9415	3,078725	3,454688	3,479298	38,55909
02-02-2021	12:40:00	23,31949	291,7014	260,7003	566,9073	567,4412	560,0000	23,01497	557,0651	292,8894	293,1704	292,8964	3,078367	3,455379	3,479311	38,50129
02-02-2021	12:41:00	23,31544	291,6635	260,1885	566,8503	567,3843	560,0000	23,00729	557,0422	292,8614	293,1421	292,8513	3,07801	3,45573	3,479324	38,34333
02-02-2021	12:42:00	23,3114	291,6255	260,1158	566,7932	567,3275	560,0000	22,99962	557,0193	292,8335	293,1138	292,8062	3,077652	3,456082	3,479337	38,05399
02-02-2021	12:43:00	23,30735	291,5876	260,1848	566,7361	567,2708	560,0000	22,99194	556,9965	292,8055	293,0855	292,7611	3,077295	3,456433	3,47935	38,15102
02-02-2021	12:44:00	23,3033	291,5497	260,4374	566,6791	567,2139	560,0000	22,98427	556,9736	292,7776	293,0572	292,716	3,076937	3,456784	3,479363	37,89005
02-02-2021	12:45:00	23,29926	291,5118	260,7497	566,622	567,1572	560,0000	22,97659	556,9507	292,7497	293,0288	292,6709	3,076579	3,457136	3,479376	38,01658
02-02-2021	12:46:00	23,29521	291,4739	261,9723	566,565	567,1003	560,0000	22,96892	556,9278	292,721						

Datos DCS 02-02-2021

290MW

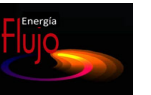


	PRES VAPOR BP 1(1/2)	TEMPERATURA VAPOR BP	TEMP ESCAPE TUR BP	TEMP VAP SELLO TUR VAPOR	PRES SIST VAP SELLO TUR VAP	TEMP EN EL POZO DEL CONDENSADOR	PRESION DESCARGA BBA-COND	TEMP DESCARGA BBA-COND	FLUJO CORRECTO DESCGA BBA-COND	PRESION CONDENSADOR	PRESION CONDENSADOR	PRESION CONDENSADOR	PRESION CONDENSADOR -VOTO 2/3
	10GMA_PTX_040(bar)	10VVP_TT_040(°C)	10GMA_TT_041(°C)	10CET_TT_001(°C)	10CET_PT_001(mbar)	10CEX_TT_002(°C)	10CEX_PIT_001(bar)	10CEX_TT_003(°C)	10CEX_FTV_080(t/h)	10CVI_PIT_001(mbar-A)	10CVI_PIT_0018(mbar-A)	10CVI_PIT_001C(mbar-A)	10CVI_PTX_001(mbar-A)
	bar	°C	°C	°C	mbar	°C	bar	°C	t/h	mbar-A	mbar-A	mbar-A	mbar-A
PROMEDIO	3,2	294,0	36,9	199,5	30,0	36,9	21,2	36,5	319,0	62,1	51,0	43,8	54,2
DESV EST	0,0040	0,4107	0,0589	0,3809	0,2075	0,0993	0,0046	0,0993	8,6111	0,0000	0,0000	0,0000	0,0000
%DESV EST	0,1243%	0,1397%	0,1599%	0,1909%	0,6912%	0,2694%	0,0217%	0,2716%	2,6997%	0,0000%	0,0000%	0,0000%	0,0000%
DATOS	61	61	61	61	61	61	61	61	61	61	61	61	61
DURACIÓN	1:00:00												

Fecha	Hora	PRES VAPOR BP 1(1/2)	TEMPERATURA VAPOR BP	TEMP ESCAPE TUR BP	TEMP VAP SELLO TUR VAPOR	PRES SIST VAP SELLO TUR VAP	TEMP EN EL POZO DEL CONDENSADOR	PRESION DESCARGA BBA-COND	TEMP DESCARGA BBA-COND	FLUJO CORRECTO DESCGA BBA-COND	PRESION CONDENSADOR	PRESION CONDENSADOR	PRESION CONDENSADOR	PRESION CONDENSADOR -VOTO 2/3
02-02-2021	12:00:00	3,198256	294,7874	36,98906	200,0171	30,07907	37,02325	21,17692	36,71634	326,868	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:01:00	3,198776	294,7555	36,97772	200,0042	29,97891	37,01765	21,17666	36,71075	326,3917	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:02:00	3,199295	294,7235	36,96638	199,9914	29,95548	37,01206	21,17644	36,70516	324,249	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:03:00	3,199815	294,6916	36,95504	199,9785	29,93639	37,00647	21,17614	36,69957	325,3514	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:04:00	3,200334	294,6596	36,94371	199,9657	29,91963	37,00088	21,17588	36,69397	326,5004	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:05:00	3,200854	294,6277	36,93237	199,9528	29,84412	36,99529	21,17562	36,68838	326,7561	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:06:00	3,201374	294,5957	36,92103	199,94	30,02038	36,98969	21,17536	36,68279	326,2439	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:07:00	3,201893	294,5638	36,91126	199,9271	30,22039	36,9841	21,1751	36,6772	326,4373	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:08:00	3,202413	294,5318	36,91425	199,9143	30,07918	36,97851	21,17484	36,6716	327,3629	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:09:00	3,202932	294,4999	36,91124	199,9014	29,83925	36,97292	21,17458	36,66601	327,3496	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:10:00	3,203452	294,468	36,90822	199,8886	29,67423	36,96732	21,17432	36,66042	328,0384	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:11:00	3,203971	294,436	36,90521	199,8757	30,01235	36,96173	21,17406	36,65483	326,4363	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:12:00	3,204491	294,4041	36,9022	199,8629	29,89324	36,95614	21,1738	36,64923	324,6578	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:13:00	3,20501	294,373	36,89919	199,8501	30,23888	36,95055	21,17354	36,64364	325,3477	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:14:00	3,20553	294,3512	36,89617	199,8372	29,90923	36,94495	21,17328	36,63805	330,0432	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:15:00	3,206049	294,3293	36,89316	199,8244	29,87368	36,93936	21,17303	36,63246	325,0429	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:16:00	3,206569	294,3075	36,89015	199,8115	29,85129	36,93377	21,17277	36,62687	327,8309	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:17:00	3,207088	294,2857	36,88713	199,7986	30,33521	36,92818	21,17251	36,62127	326,2471	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:18:00	3,207608	294,2638	36,88412	199,7858	30,02278	36,92258	21,17225	36,61568	325,0799	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:19:00	3,20799	294,242	36,88111	199,7729	29,93153	36,91699	21,17199	36,61009	328,5674	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:20:00	3,20795	294,2202	36,8781	199,7601	30,41768	36,9114	21,17173	36,6045	326,4052	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:21:00	3,20791	294,1983	36,87508	199,7473	30,03099	36,90581	21,17147	36,5989	325,9861	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:22:00	3,20787	294,1765	36,87207	199,7344	29,8397	36,90022	21,17121	36,59331	324,9838	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:23:00	3,20783	294,1547	36,86906	199,7216	29,9597	36,89462	21,17095	36,58772	324,3486	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:24:00	3,20779	294,1328	36,86605	199,7087	30,09296	36,88903	21,17069	36,58213	327,2813	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:25:00	3,207749	294,111	36,86303	199,6959	30,23283	36,88344	21,17043	36,57653	322,9885	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:26:00	3,207709	294,0891	36,86002	199,683	29,90338	36,87785	21,17017	36,57094	325,2041	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:27:00	3,207669	294,0673	36,85701	199,6702	29,89326	36,87225	21,16991	36,56535	325,8184	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:28:00	3,207629	294,0455	36,854	199,6573	30,08895	36,86666	21,16965	36,55976	325,763	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:29:00	3,207589	294,0236	36,85099	199,6445	30,11707	36,86107	21,1694	36,55416	327,7132	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:30:00	3,207549	294,0018	36,84797	199,6316	29,98537	36,85548	21,16914	36,54857	326,6652	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:31:00	3,207509	293,9799	36,84496	199,6188	29,91367	36,84988	21,16888	36,54298	326,0922	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:32:00	3,207468	293,9581	36,84195	199,6059	29,74695	36,84429	21,16862	36,53739	325,353	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:33:00	3,207428	293,9363	36,83894	199,5832	29,53171	36,8387	21,16836	36,5318	324,9086	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:34:00	3,207388	293,9144	36,83592	199,5518	29,73633	36,83311	21,1681	36,52621	320,277	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:35:00	3,207348	293,8926	36,83291	199,5206	29,52435	36,82752	21,16784	36,52061	307,8827	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:36:00	3,207308	293,8708	36,8299	199,4892	29,96127	36,82193	21,16758	36,51502	302,6713	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:37:00	3,207268	293,8489	36,82689	199,4579	29,8811	36,81633	21,16732	36,50943	304,4693	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:38:00	3,207227	293,8271	36,82387	199,4266	29,92039	36,81074	21,16706	36,50384	309,6676	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:39:00	3,207187	293,8052	36,82086	199,3953	30,04825	36,80515	21,1668	36,49825	311,7032	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:40:00	3,207147	293,7834	36,81785	199,364	29,63921	36,79956	21,16654	36,49265	317,3551	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:41:00	3,207107	293,7616	36,81483	199,3327	29,8602	36,79396	21,16628	36,48706	315,0248	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:42:00	3,207067	293,7397	36,81182	199,3014	29,78822	36,78837	21,16602	36,48147	314,4961	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:43:00	3,207027	293,7179	36,80881	199,2701	30,24281	36,78278	21,16576	36,47588	307,2406	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:44:00	3,206987	293,6961	36,8058	199,2388	30,21062	36,77719	21,1655	36,47028	310,0131	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:45:00	3,206947	293,6742	36,80278	199,2075	30,09634	36,7716	21,16525	36,46469	303,6191	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:46:00	3,206907	293,6524	36,79977	199,1762	30,26822	36,766	21,16499	36,4591	311,2499	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:47:00	3,206867	293,6306	36,79676	199,1449	30,3801	36,76041	21,16473	36,45351	306,5256	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:48:00	3,206827	293,6087	36,79375	199,1136	30,49229	36,75482	21,16447	36,44791	308,9855	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:49:00	3,206787	293,5869	36,79073	199,0823	30,18919	36,74923	21,16421	36,44232	307,802	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:50:00	3,206747	293,565	36,78772	199,051	30,24175	36,74363	21,16395	36,43673	308,4087	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:51:00	3,206707	293,5432	36,78471	199,0197	29,96177	36,73804	21,16369	36,43114	309,5831	62,13281	51,00391	43,82813	54,22656
02-02-2021	12:52:00	3,206667	293,5214	36,7817	198,9884	30,16249	36,73245	21,16343	36,42554	307,5831	62,13281	51,00391	43,82813	

Datos DCS 02-02-2021

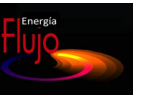
290MW



	FLUJO AGUA ADIC NOR COND	AGUA DE ALIM AP PRES DE DESCARGA	TEMP DE AGUA ALIM AP	FLUJO AGUA DE ALIM AP	FLUJO AGUA ATEMP AP	PRESION AGUA DE ALIM IP	TEMP AGUA DE ALIM IP	FLUJO AGUA DE ALIM IP	FLUJO AGUA ATEMP IP	FLUJO AGUA ATEMPERAMIENTO AP	FLUJO DE AGUA IP ATEMPERAMIENTO	FLUJO AGUA ATEMPERAMIENTO BP	FLUJO MASICO COMB LIQUIDO
	10CEX_FIT_051(t/h)	1AAPH_PIT_001(bar)	1AFSR_TT_001(°C)	1AFSR_FTV_001(t/h)	1AFSR_FTV_002(t/h)	1AFRH_PT_001(bar)	1AFRH_TT_001(°C)	1AFRH_FTV_001(t/h)	1AFRH_FTV_004(t/h)	10GHP_FT_001(t/h)	10GMP_FT_001(t/h)	10GBP_FT_001(t/h)	1ATRE_FQUM1(kg/s)
	t/h	bar	°C	t/h	t/h	bar	°C	t/h	t/h	t/h	t/h	t/h	kg/s
PROMEDIO	10,3	158,3	123,9	218,9	4,3	84,9	121,4	38,9	5,0	0,3	#DIV/0!	0,0	11,8
DESDEV EST	0,2853	1,1191	0,0693	6,4789	0,7851	0,7491	0,0316	1,9257	0,8777	0,0974	#DIV/0!	0,0000	0,0823
%DESDEV EST	2,7615%	0,7070%	0,0559%	2,9592%	18,1567%	0,8823%	0,0260%	4,9541%	17,6664%	34,6123%	#DIV/0!	0,0000%	0,6961%
DATOS	61	61	61	61	61	61	61	61	61	61	0	61	61
DURACIÓN	1:00:00												

Fecha	Hora	FLUJO AGUA ADIC NOR COND	AGUA DE ALIM AP PRES DE DESCARGA	TEMP DE AGUA ALIM AP	FLUJO AGUA DE ALIM AP	FLUJO AGUA ATEMP AP	PRESION AGUA DE ALIM IP	TEMP AGUA DE ALIM IP	FLUJO AGUA DE ALIM IP	FLUJO AGUA ATEMP IP	FLUJO AGUA ATEMPERAMIENTO AP	FLUJO DE AGUA IP ATEMPERAMIENTO	FLUJO AGUA ATEMPERAMIENTO BP	FLUJO MASICO COMB LIQUIDO
02-02-2021	12:00:00	10,01942	157,677	123,8323	225,5883	3,494743	84,61078	121,3698	40,23504	4,161164	0,2658135	0	0,00234375	11,83655
02-02-2021	12:01:00	10,58624	158,4322	123,8362	224,9061	3,601768	84,54227	121,3764	40,09098	4,476035	0,1934394	0	0,00234375	11,8297
02-02-2021	12:02:00	9,998243	156,912	123,8401	222,6996	3,604164	84,34219	121,3829	40,00489	4,132581	0,1210653	0	0,00234375	11,82285
02-02-2021	12:03:00	9,97779	157,75	123,844	222,2287	3,686706	84,35461	121,3895	39,9567	4,132581	0,4207175	0	0,00234375	11,816
02-02-2021	12:04:00	10,52189	157,75	123,8479	225,4473	3,702722	84,41537	121,3961	40,06635	4,407014	0,1140187	0	0,00234375	11,80915
02-02-2021	12:05:00	9,936474	157,0575	123,8518	226,0764	3,752871	84,50191	121,4027	40,35619	4,14285	0,05454159	0	0,00234375	11,8023
02-02-2021	12:06:00	10,00443	156,9453	123,8557	224,1694	3,756271	84,10313	121,4093	40,40393	4,273255	0,2974488	0	0,00234375	11,79545
02-02-2021	12:07:00	10,62361	156,9453	123,8596	224,3655	3,677711	84,16618	121,4159	40,563	4,260719	0,3099587	0	0,00234375	11,79651
02-02-2021	12:08:00	9,970457	157,5615	123,8635	224,3015	3,682404	84,64642	121,4217	40,70194	4,234417	0,3224686	0	0,00234375	11,79824
02-02-2021	12:09:00	10,01662	157,0418	123,8674	226,1131	3,621155	84,17303	121,4196	40,88847	4,385854	0,3349785	0	0,00234375	11,79996
02-02-2021	12:10:00	10,06278	156,9453	123,8713	223,5004	3,62782	84,19221	121,4175	41,37206	4,219448	0,3474884	0	0,00234375	11,80168
02-02-2021	12:11:00	10,58757	157,2005	123,8752	222,9806	3,694295	83,97401	121,4154	41,35124	4,476473	0,3599983	0	0,00234375	11,80341
02-02-2021	12:12:00	10,23349	157,0234	123,8791	222,2392	3,667936	84,10313	121,4134	42,00766	4,219471	0,3725082	0	0,00234375	11,80513
02-02-2021	12:13:00	10,60714	157,5346	123,883	224,6975	3,7277	84,44805	121,4113	41,33601	4,228024	0,3850181	0	0,00234375	11,80686
02-02-2021	12:14:00	10,62715	157,7323	123,8869	225,9908	3,711982	84,41499	121,4092	41,19259	4,535564	0,397528	0	0,00234375	11,80858
02-02-2021	12:15:00	9,984908	157,0234	123,8908	223,9325	3,72583	83,68125	121,4071	40,94017	4,196087	0,2879271	0	0,00234375	11,8103
02-02-2021	12:16:00	9,904731	157,5278	123,8947	224,263	3,733952	84,07525	121,405	40,91388	4,274915	0,3318574	0	0,00234375	11,81203
02-02-2021	12:17:00	10,02915	157,6719	123,8986	224,5359	3,790207	84,38907	121,403	40,56445	4,335299	0,3664411	0	0,00234375	11,81375
02-02-2021	12:18:00	10,53135	157,4903	123,9025	224,8528	3,745852	84,42235	121,4009	40,36837	4,194833	0,3683797	0	0,00234375	11,81548
02-02-2021	12:19:00	10,55912	157,625	123,9064	225,3549	3,696267	84,53906	121,3988	40,33897	4,386874	0,2406829	0	0,00234375	11,8172
02-02-2021	12:20:00	10,53288	157,625	123,9103	225,8737	3,668648	84,17062	121,3967	39,89133	4,164031	0,2208638	0	0,00234375	11,81893
02-02-2021	12:21:00	9,99482	157,625	123,9142	224,4378	3,603161	84,02814	121,3946	40,17824	4,565469	0,2010448	0	0,00234375	11,82065
02-02-2021	12:22:00	9,973268	157,625	123,9182	224,8172	3,59322	84,41163	121,3926	40,17726	4,167819	0,1812257	0	0,00234375	11,82237
02-02-2021	12:23:00	10,52777	157,625	123,9221	224,0479	3,556895	84,39406	121,3905	40,16787	4,308646	0,1871254	0	0,00234375	11,8241
02-02-2021	12:24:00	10,54101	157,625	123,926	223,8333	3,557167	84,13126	121,3884	40,313	4,11971	0,2531598	0	0,00234375	11,82582
02-02-2021	12:25:00	10,55424	157,625	123,9299	225,5385	3,678757	84,13126	121,3863	40,32061	4,128246	0,2790694	0	0,00234375	11,82755
02-02-2021	12:26:00	9,991422	157,4875	123,9338	223,1399	3,717549	84,12862	121,3842	40,48245	4,339272	0,2819102	0	0,00234375	11,82927
02-02-2021	12:27:00	10,5061	157,0703	123,9377	222,8411	3,855139	84,45754	121,3822	40,41965	4,09496	0,284751	0	0,00234375	11,83099
02-02-2021	12:28:00	10,5229	157,1276	123,9416	223,4089	3,799021	84,39182	121,3801	40,36892	4,4386	0,2875918	0	0,00234375	11,83272
02-02-2021	12:29:00	10,5397	157,1953	123,9455	225,7999	3,784694	84,24955	121,378	40,17031	4,190876	0,2904326	0	0,00234375	11,83444
02-02-2021	12:30:00	10,5565	157,1953	123,9494	224,7966	3,82399	84,18718	121,3759	40,17027	4,299654	0,2932734	0	0,00234375	11,83636
02-02-2021	12:31:00	10,57331	157,2752	123,9533	224,3725	3,795317	84,55646	121,3738	39,71294	4,412304	0,2310022	0	0,00234375	11,83959
02-02-2021	12:32:00	9,975455	157,4453	123,9572	225,0429	3,75272	84,40172	121,3717	39,61938	4,412304	0,1581093	0	0,00234375	11,84281
02-02-2021	12:33:00	9,95875	157,4453	123,9611	223,8585	3,725311	84,23907	121,3697	39,41647	4,412304	0,618027	0	0,00234375	11,84603
02-02-2021	12:34:00	10,52909	158,1522	123,965	218,4829	3,805663	84,70338	121,3676	38,94538	4,412304	0,1628054	0	0,00234375	11,84926
02-02-2021	12:35:00	10,58681	159,0492	123,9689	213,8597	4,013068	85,2469	121,3655	38,35872	4,46594	0,09899202	0	0,00234375	11,85248
02-02-2021	12:36:00	10,52152	160,4769	123,9728	207,1103	4,178617	86,01918	121,3634	38,14267	4,686691	0,2560008	0	0,00234375	11,8557
02-02-2021	12:37:00	9,990882	159,707	123,9767	208,1982	4,390103	85,91319	121,3614	38,07287	5,068166	0,3516408	0	0,00234375	11,85892
02-02-2021	12:38:00	10,59704	158,9026	123,9806	211,2797	4,632528	85,36488	121,3593	37,86913	5,055195	0,1907115	0	0,00234375	11,86215
02-02-2021	12:39:00	10,60766	159,1262	123,9845	214,1763	4,768062	85,32711	121,3572	38,01059	5,297288	0,4278901	0	0,00234375	11,86537
02-02-2021	12:40:00	10,61828	158,3164	123,9884	217,9622	4,983292	85,33374	121,3551	37,91295	5,322175	0,1501182	0	0,00234375	11,86859
02-02-2021	12:41:00	9,945245	158,3964	123,9923	216,6807	5,133312	85,05085	121,353	37,40261	5,719258	0,2943386	0	0,00234375	11,87181
02-02-2021	12:42:00	10,53864	158,6719	123,9962	214,6184	5,084799	85,411	121,3509	37,5276	5,712538	0,2029296	0	0,00234375	11,87504
02-02-2021	12:43:00	10,52416	159,0366	124,0001	212,6583	5,205084	85,50676	121,3489	36,97384	5,72623	0,3991243	0	0,00234375	11,87826
02-02-2021	12:44:00	10,36963	159,1919	124,004	211,3807	5,191306	85,59807	121,3468	36,85377	5,991744	0,4042647	0	0,00234375	11,88148
02-02-2021	12:45:00	9,926301	160,1052	124,0079	209,0774	5,181892	85,85525	121,3447	36,51863	5,994987	0,3430859	0	0,00234375	11,8847
02-02-2021	12:46:00	10,5725	160,0157	124,0118	211,5585	5,311263	85,84903	121,3426	36,40083	6,017418	0,3347455	0	0,00234375	11,88793
02-02-2021	12:47:00	10,59552	159,5098	124,0157	210,2138	5,249891	86,21291	121,3405	36,60884	6,02052	0,3399072	0	0,00234375	11,89115
02-02-2021	12:48:00	9,991086	160,5451	124,0196	210,7256	5,278347	86,25819	121,3385	35,65549	6,224024	0,345069	0	0,00234375	11,89437
02-02-2021	12:49:00	10,60403	160,625	124,0235	211,4091	5,294053	86,03081	121,3364	35,95668	6,224024	0,3155247	0	0,00234375	11,89759
02-02-2021	12:50:00	10,59818	159,5675	124,0274	211,2807	5,506753	85,56157	121,3343	36,07114	6,225527	0,2765499	0	0,00234375	11,90082
02-02-2021	12:51:00	9,976996	159,3766	124,0313	210,8831	5,576826	85,82355	121,3322	36,33458	6,265944	0,2375751	0	0,00234375	11,90404
02-02-2021	12:52:00	10,47795	159,4975	124,0352	211,4855	5,520802	85,77676	121,3301	36,50927	6,265944	0,1986004	0	0,00234375	11,90726
02-02-2021	12:53:00	10,53467	159,3645	124,0391	211,6902	5,490909	85,76682	121,3281	36,6702	6,265944	0,1596256	0	0,00234375	11,91048
02-02-2021	12:54:00	10,59138	159,3961	124,043	210,7486	5								

Datos DCS 02-02-2021 290MW



	NIVEL DEL DOMO AP -VOTO 2/3	TEMP DEL DOMO AP	NIVEL DEL DOMO IP -VOTO 2/3	PRESION DEL DOMO IP -VOTO 1/2	TEMP DEL DOMO IP	NIVEL DEL DOMO BP -VOTO 2/3	TEMP DEL DOMO BP	PRESION DEL DOMO BP -VOTO 1/2	TEMP DESCARGA BBA-AENF	TEMPERATURA EXTERNA 1/2 COND 2	TEMPERATURA EXTERNA 1/2 COND 1
	1AFSR_LTX_001(mm)	1AFSR_TT_002(°C)	1AFRH_LTX_001(mm)	1AFRH_PTX_002(bar)	1AFRH_TT_002(°C)	1AFBL_LTX_001(mm)	1AFBL_TT_001(°C)	1AFBL_PTX_001(bar)	10CRF_TT_001(°C)	10CRF_TT_202(°C)	10CRF_TT_201(°C)
	mm	°C	mm	bar	°C	mm	°C	bar	°C	°C	°C
PROMEDIO	0,3	301,2	-98,0	24,5	221,0	-109,6	141,1	3,7	22,7	28,2	30,9
DESV EST	1,4998	0,7575	34,1982	0,0696	0,4665	19,4292	0,0197	0,0528	0,0021	0,0960	0,1004
%DESV EST	449,4047%	0,2515%	-34,8873%	0,2835%	0,2110%	-17,7345%	0,0140%	1,4447%	0,0092%	0,3403%	0,3252%
DATOS	61	61	61	61	61	61	61	61	61	61	61
DURACIÓN	1:00:00										

Fecha	Hora	NIVEL DEL DOMO AP	TEMP DEL DOMO AP	NIVEL DEL DOMO IP	PRESION DEL DOMO IP	TEMP DEL DOMO IP	NIVEL DEL DOMO BP	TEMP DEL DOMO BP	PRESION DEL DOMO BP	TEMP DESCARGA BBA-AENF	TEMPERATURA EXTERNA 1/2 COND 2	TEMPERATURA EXTERNA 1/2 COND 1
02-02-2021	12:00:00	0,2342636	302,4636	-59,94688	24,66701	221,8368	-77,37695	141,1255	3,738785	22,66243	28,37405	31,02087
02-02-2021	12:01:00	0,2266124	302,4209	-62,66049	24,66309	221,8105	-79,21318	141,121	3,736524	22,66255	28,36867	31,01545
02-02-2021	12:02:00	0,2189612	302,3782	-59,51041	24,65917	221,7843	-83,79492	141,1166	3,734262	22,66266	28,36328	31,01003
02-02-2021	12:03:00	0,21131	302,3356	-73,12198	24,65525	221,758	-88,95468	141,1121	3,732001	22,66278	28,3579	31,0046
02-02-2021	12:04:00	0,2036589	302,2929	-89,47937	24,65133	221,7317	-73,73248	141,1077	3,729739	22,6629	28,35251	30,99918
02-02-2021	12:05:00	0,1960077	302,2502	-86,26733	24,64741	221,7054	-98,55335	141,1032	3,727478	22,66301	28,34713	30,99376
02-02-2021	12:06:00	0,1883565	302,2076	-107,3606	24,64349	221,6792	-85,81186	141,0988	3,725216	22,66313	28,34175	30,98833
02-02-2021	12:07:00	0,1807054	302,1649	-125,5505	24,63957	221,6529	-91,64198	141,0943	3,722955	22,66325	28,33636	30,98291
02-02-2021	12:08:00	0,1730542	302,1222	-135,7958	24,63565	221,6266	-93,51006	141,0899	3,720693	22,66336	28,33098	30,97749
02-02-2021	12:09:00	0,165403	302,0796	-120,7725	24,63173	221,6003	-96,85368	141,0854	3,71799	22,66348	28,32559	30,97207
02-02-2021	12:10:00	0,1577518	302,0369	-146,6872	24,62781	221,5741	-92,85409	141,081	3,71482	22,6636	28,32021	30,96664
02-02-2021	12:11:00	0,1501007	301,9942	-151,9809	24,62389	221,5478	-88,59268	141,0765	3,71165	22,66372	28,31483	30,96122
02-02-2021	12:12:00	0,1424495	301,9515	-157,742	24,61997	221,5215	-94,49281	141,0721	3,70848	22,66383	28,30944	30,9558
02-02-2021	12:13:00	0,1347983	301,9089	-187,8094	24,61605	221,4952	-87,49104	141,0676	3,70531	22,66395	28,30406	30,95037
02-02-2021	12:14:00	0,1271472	301,8662	-138,8043	24,61213	221,4689	-100,7086	141,0632	3,70214	22,66407	28,29867	30,94495
02-02-2021	12:15:00	0,119496	301,8235	-129,3441	24,60821	221,4427	-94,52138	141,0587	3,69897	22,66418	28,29329	30,93953
02-02-2021	12:16:00	0,1118448	301,7809	-115,055	24,60429	221,4164	-97,56911	141,0542	3,6958	22,6643	28,28791	30,9341
02-02-2021	12:17:00	0,1041937	301,7382	-108,4011	24,60037	221,3901	-92,94792	141,0547	3,69263	22,66442	28,28252	30,92868
02-02-2021	12:18:00	0,09654248	301,6955	-102,5476	24,59645	221,3638	-97,04492	141,0547	3,68946	22,66454	28,27714	30,92326
02-02-2021	12:19:00	0,08889131	301,6529	-98,47903	24,59253	221,3376	-97,04492	141,0547	3,68629	22,66465	28,27175	30,91784
02-02-2021	12:20:00	0,08124014	301,6102	-113,9971	24,58861	221,3113	-96,01738	141,0547	3,68312	22,66477	28,26637	30,91241
02-02-2021	12:21:00	-0,03336969	301,5675	-118,959	24,58469	221,285	-92,89259	141,0547	3,67995	22,66489	28,26099	30,90699
02-02-2021	12:22:00	-0,2245201	301,5248	-122,3821	24,58077	221,2587	-99,33864	141,0547	3,67678	22,665	28,2556	30,90157
02-02-2021	12:23:00	-0,4156706	301,4822	-129,6939	24,57685	221,2325	-97,47344	141,0547	3,673609	22,66512	28,25022	30,89614
02-02-2021	12:24:00	-0,6068211	301,4395	-132,8704	24,57293	221,2062	-95,8926	141,0547	3,670439	22,66524	28,24483	30,89072
02-02-2021	12:25:00	-0,7979715	301,3969	-123,5368	24,56901	221,1799	-97,50063	141,0547	3,667269	22,66536	28,23945	30,8853
02-02-2021	12:26:00	-0,9891219	301,3542	-146,3659	24,56509	221,1537	-99,65308	141,0547	3,664099	22,66547	28,23407	30,87987
02-02-2021	12:27:00	-1,180272	301,3115	-135,4396	24,56116	221,1274	-91,43865	141,0547	3,660929	22,66559	28,22868	30,87445
02-02-2021	12:28:00	-1,371423	301,2688	-115,7065	24,55725	221,1011	-109,6131	141,0547	3,657759	22,66571	28,2233	30,86903
02-02-2021	12:29:00	-1,562573	301,2262	-101,8476	24,55333	221,0748	-101,8954	141,0547	3,654589	22,66582	28,21791	30,86361
02-02-2021	12:30:00	-1,753724	301,1835	-90,21149	24,5494	221,0486	-98,39063	141,0547	3,651419	22,66594	28,21253	30,85818
02-02-2021	12:31:00	-1,944874	301,1408	-79,72546	24,54548	221,0223	-97,01459	141,0547	3,648249	22,66606	28,20715	30,85276
02-02-2021	12:32:00	-2,079933	301,0981	-81,91101	24,54156	220,996	-100,7638	141,0547	3,645079	22,66617	28,20176	30,84734
02-02-2021	12:33:00	-1,868753	301,0555	-71,5993	24,53764	220,9697	-108,8437	141,0547	3,641909	22,66629	28,19638	30,84191
02-02-2021	12:34:00	-1,657573	301,0128	-53,95453	24,53372	220,9435	-116,0034	141,0547	3,638739	22,66641	28,19099	30,83649
02-02-2021	12:35:00	-1,446393	300,9702	-62,96652	24,5298	220,9172	-119,1835	141,0547	3,635569	22,66652	28,18561	30,83107
02-02-2021	12:36:00	-1,235213	300,9275	-71,78804	24,52588	220,8909	-129,8477	141,0547	3,632399	22,66664	28,18023	30,82564
02-02-2021	12:37:00	-1,024033	300,8848	-80,11792	24,52196	220,8646	-146,0471	141,0547	3,629229	22,66676	28,17484	30,82022
02-02-2021	12:38:00	-0,812853	300,8421	-120,4203	24,51804	220,8383	-128,4368	141,0547	3,626059	22,66688	28,16946	30,8148
02-02-2021	12:39:00	-0,6016729	300,7995	-140,3234	24,51412	220,8121	-138,5197	141,0547	3,622889	22,66699	28,16407	30,80937
02-02-2021	12:40:00	-0,3904929	300,7568	-131,6168	24,5102	220,7858	-133,244	141,0547	3,619718	22,66711	28,15869	30,80395
02-02-2021	12:41:00	-0,1793129	300,7141	-116,3786	24,50628	220,7595	-141,293	141,0547	3,616548	22,66723	28,15331	30,79853
02-02-2021	12:42:00	0,03404042	300,6715	-109,0009	24,50236	220,7332	-137,7276	141,0547	3,613378	22,66735	28,14782	30,7931
02-02-2021	12:43:00	0,2596229	300,6288	-101,7618	24,49844	220,707	-133,8841	141,0547	3,610208	22,66746	28,14244	30,78768
02-02-2021	12:44:00	0,4852054	300,5861	-87,20111	24,49452	220,6807	-139,1418	141,0547	3,607038	22,66758	28,13685	30,78116
02-02-2021	12:45:00	0,7107878	300,5435	-80,62695	24,4906	220,6544	-136,4162	141,0547	3,603868	22,6677	28,13137	30,7746
02-02-2021	12:46:00	0,9363703	300,5008	-63,65344	24,48668	220,6281	-142,665	141,0547	3,600698	22,66781	28,12588	30,76804
02-02-2021	12:47:00	1,161953	300,4581	-57,4826	24,48276	220,6019	-137,1292	141,0547	3,597528	22,66793	28,1204	30,76148
02-02-2021	12:48:00	1,387535	300,4154	-41,7261	24,47884	220,5756	-126,4705	141,0547	3,594358	22,66805	28,11491	30,75492
02-02-2021	12:49:00	1,613118	300,3728	-73,41422	24,47492	220,5493	-130,2822	141,0547	3,591188	22,66816	28,10942	30,74837
02-02-2021	12:50:00	1,8387	300,3301	-82,47105	24,471	220,5231	-131,5156	141,0547	3,588018	22,66828	28,10394	30,74181
02-02-2021	12:51:00	2,064283	300,2874	-91,59225	24,46708	220,4968	-127,3711	141,0547	3,584848	22,6684	28,09845	30,73525
02-02-2021	12:52:00	2,289865	300,2448	-93,85548	24,46316	220,4705	-125,6991	141,0547	3,581678	22,66851	28,09297	30,72869
02-02-2021	12:53:00	2,515448	300,2021	-97,61129	24,45924	220,4442	-127,0727	141,0547	3,578508	22,66863	28,08748	30,72213
02-02-2021	12:54:00	2,74103	300,1594	-99,74423	24,45532	220,418	-129,4794	141,0547	3,575338	22,66875	28,082	30,71557
02-02-2021	12:55:00	2,966613	300,1168	-88,24974	24,4514	220,3917	-124,5288	141,0547	3,572168	22,66887	28,07651	30,70901
02-02-2021	12:56:00	3,192195	300,0741	-76,80338	24,44748	220,3654	-121,9613	141,0547	3,56901	22,66898	28,07103	30,70245
02-02-2021	12:57:00	3,417778	300,0314	-48,35774	24,44356	220,3391	-115,6514	141,0547	3,578799	22,6691	28,06554	30,69589
02-02-2021	12:58:00	3,64336	299,9887	-35,57999	24,43964	220,3129	-120,476	141,0547	3,577287	22,66922	28,06006	30,68933
02-02-2021	12:59:00	3,868942	299,9461	-29,79471	24,43572	220,2866	-115,992	141,0547	3,575775	22,66933	28,05457	30,68278
02-02-2021	13:00:00	4,094525	299,9034	-21,453	24,4318	220,2603	-107,4212	141,0547	3,574263	22,66945	28,04909	30,67622

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	ENT COMPRES TERMOC 1A	ENT COMPRES TERMOC 1B	ENT COMPRES TERMOC 2A	PRESION ENTRADA COMPRESOR 96	FACTOR DE POTENCIA CALCULADO	WATT MAXIMO GEN SELECCIONADO	MEDC CARGA GEN TUR (1/2)	CORRIENTE EXCIT GEN EX2K	VOLTAJE EXCIT GEN EX2K	EXCITACION CORRIENTE	EXCITACION VOLTAJE	FLUJO COMBUSTIBLE	PRESION DE ENTRADA A TURBINA GAS
	1ATRE_CTIF1A(°C)	1ATRE_CTIF1B(°C)	1ATRE_CTIF2A(°C)	1ATRE_AFPCS(mm.H2O)	1ATRE_DPFL	1ATRE_DWATT(MW)	10GGE_SNX_001(MW)	1ATRE_EX2K_FLD_A(A)	1ATRE_EX2K_FLD_V(V)	10GEX_H_001(A)	10GEX_EI_001(V)	1ATRE_FQG(kg/s)	1ASGZ_PT_019(bar)
	°C	°C	°C	mm.H2O		MW	MW	A	V	A	V	kg/s	bar
PROMEDIO	22,3	22,1	22,0	29,4	0,9	157,8	96,2	984,0	282,1	764,5	114,4	#DIV/0!	31,6
DESV EST	0,3653	0,3814	0,2647	2,0639	0,0034	0,5068	2,1009	35,7500	11,7281	10,9457	1,8377	#DIV/0!	0,0027
%DESV EST	1,6411%	1,7292%	1,2011%	7,0254%	0,3721%	0,3211%	2,1848%	3,6333%	4,1580%	1,4317%	1,6060%	#DIV/0!	0,0084%
DATOS	31	31	31	31	31	31	31	31	31	31	31	0	31
DURACIÓN	0:30:00	PROM-PROM	22,1										

Fecha	Hora	ENT COMPRES TERMOC 1A	ENT COMPRES TERMOC 1B	ENT COMPRES TERMOC 2A	PRESION ENTRADA COMPRESOR 96	FACTOR DE POTENCIA CALCULADO	WATT MAXIMO GEN SELECCIONADO	MEDC CARGA GEN TUR (1/2)	CORRIENTE EXCIT GEN EX2K	VOLTAJE EXCIT GEN EX2K	EXCITACION CORRIENTE	EXCITACION VOLTAJE	FLUJO COMBUSTIBLE	PRESION DE ENTRADA A TURBINA GAS
02-02-2021	15:30:00	21,52059	21,41765	21,93371	31,18197	0,9248266	158,0359	97,92407	1013,266	289,7435	771,071	111,9268	0	31,54582
02-02-2021	15:31:00	21,75048	21,25643	21,81236	31,31828	0,9238765	157,7827	97,94286	1020,081	289,2356	775,4212	114,7001	0	31,54637
02-02-2021	15:32:00	21,7044	21,63279	21,68719	31,30713	0,9242926	157,778	97,82	1022,221	296,0972	775,4088	117,6437	0	31,54691
02-02-2021	15:33:00	21,85065	21,62094	21,60111	30,99646	0,9250836	157,8716	97,82	1024,631	296,3231	777,846	112,8995	0	31,54725
02-02-2021	15:34:00	22,14807	22,16084	22,05347	31,8816	0,9258747	157,9465	97,82	1025,73	294,1311	778,558	112,7759	0	31,54754
02-02-2021	15:35:00	22,75973	22,15602	22,01329	32,16299	0,9266657	158,0208	98,37993	1019,836	294,9027	773,9003	116,5582	0	31,54782
02-02-2021	15:36:00	22,40083	22,09209	21,65987	30,06612	0,9274567	158,0951	98,16171	1012,469	292,5569	772,4471	117,3612	0	31,54811
02-02-2021	15:37:00	21,76567	21,62735	22,23181	30,48723	0,9282477	158,1693	98,04	1009,966	292,8068	770,5096	115,9937	0	31,5484
02-02-2021	15:38:00	22,13599	22,14978	21,65931	31,6059	0,9290388	158,2436	97,91991	1011,613	291,5968	769,4556	113,812	0	31,54869
02-02-2021	15:39:00	22,11725	22,04402	22,16912	31,9771	0,9298298	158,3179	97,77341	1021,118	292,9417	777,7515	114,9237	0	31,54897
02-02-2021	15:40:00	22,01061	22,19936	21,95879	31,15716	0,9306208	158,3921	98,01166	1023	295,7771	774,603	116,245	0	31,54926
02-02-2021	15:41:00	22,08855	22,3516	22,1164	30,78408	0,9314118	158,4664	97,97897	1017,677	292,2746	773,0075	113,6029	0	31,54955
02-02-2021	15:42:00	22,12274	22,50384	22,29745	31,5551	0,9322029	158,5407	97,6981	1014,441	295,6929	771,6708	113,3779	0	31,54984
02-02-2021	15:43:00	22,38315	22,39979	22,16727	31,70674	0,9319634	158,4727	97,82313	1017,764	292,6775	773,9196	116,4942	0	31,55012
02-02-2021	15:44:00	22,82899	22,5971	22,32824	30,75103	0,9313294	158,3717	98,12179	1011,586	287,8235	769,39	113,6517	0	31,55041
02-02-2021	15:45:00	22,64671	22,30887	22,23266	30,99749	0,9306953	158,2707	97,89338	1001,084	286,2545	772,0253	116,8572	0	31,5507
02-02-2021	15:46:00	22,44457	22,20414	22,38305	28,91957	0,9300613	158,1696	97,42834	984,606	285,0768	769,832	116,3164	0	31,55099
02-02-2021	15:47:00	22,10389	21,91657	22,00703	29,18596	0,9294272	158,0686	97,05212	966,8149	277,4287	766,5558	113,4117	0	31,55127
02-02-2021	15:48:00	21,93565	22,23734	21,67213	26,98473	0,9287932	157,9675	95,46258	963,0163	274,9651	769,0518	115,9131	0	31,55156
02-02-2021	15:49:00	22,21764	21,9931	22,07483	27,19558	0,9281591	157,8665	94,591	935,7957	267,9244	750,8841	114,4723	0	31,55185
02-02-2021	15:50:00	22,42237	22,18607	22,05215	26,97429	0,9275251	157,7655	94,35455	941,6755	270,0171	753,7943	114,9615	0	31,55214
02-02-2021	15:51:00	22,31608	22,03803	22,13561	27,33673	0,9267985	157,6644	93,7532	945,0301	268,4543	750,3638	111,927	0	31,55242
02-02-2021	15:52:00	22,45724	21,96741	22,21908	27,26087	0,9260349	157,5634	93,24358	944,9181	271,2655	751,1242	111,04	0	31,55271
02-02-2021	15:53:00	22,38749	21,83322	22,03411	27,2006	0,9252713	157,4624	93,04517	943,6526	270,6564	750,5923	111,3033	0	31,553
02-02-2021	15:54:00	22,22174	21,70601	22,29781	27,45219	0,9245076	157,3613	93,25008	941,1676	265,3778	748,3077	112,2736	0	31,55328
02-02-2021	15:55:00	22,06379	21,37906	21,74053	27,00815	0,923744	157,2603	93,55267	941,2227	267,562	749,0951	114,813	0	31,55357
02-02-2021	15:56:00	22,07005	21,6545	21,60738	27,42681	0,9229804	157,1593	93,77074	942,4028	267,7804	750,8664	113,9548	0	31,55386
02-02-2021	15:57:00	22,56191	22,5596	22,03044	26,38268	0,9222167	157,0582	93,36089	942,9114	267,0204	750,4589	113,941	0	31,55415
02-02-2021	15:58:00	22,97132	22,4185	21,96521	27,55786	0,9214531	156,9572	93,24097	946,6088	270,9231	751,7779	113,0984	0	31,55443
02-02-2021	15:59:00	22,92198	22,82841	22,69988	26,96693	0,9206895	156,8562	93,44343	942,0908	268,9124	752,5092	114,0526	0	31,55472
02-02-2021	16:00:00	22,70481	22,32865	22,32575	26,92124	0,9199258	156,7551	94,25206	954,2678	269,6105	758,1401	116,8268	0	31,55501

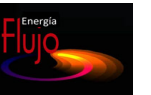
Datos DCS 02-02-2021 255MW



	PRESION DE ENTRADA A FILTROS	TEMPERATURA COMBUSTIBLE	PRES VAPOR VIVO (1/2)	TEMPERATURA VAPOR AP	PRESION VAPOR AP -VOTO 1/2	FLUJO DE VAPOR AP	PRESION ARRIBA PALETAS AP	TEMP SUPERFICIE TUR AP (2/3)	PRESION CONDENSADOR	PRESION CONDENSADOR	PRESION CONDENSADOR	PRES VAP RECAL FRIO	TEMP VAPOR RECALENTADO FRIO	PRESION DE VAPOR IP
	1ASGZ_PT_015(bar)	1ATRE_FTQ(°C)	10GMA_PTX_010(bar)	10VVP_TT_012(°C)	1AFSR_PTX_003(bar)	1AFSR_FTV_005(t/h)	10GMA_PT_011(bar)	10GMA_TTX_011(°C)	10CVI_PIT_001A(mbar-A)	10CVI_PIT_001B(mbar-A)	10CVI_PIT_001C(mbar-A)	10GMA_PT_021(bar)	10VVP_TT_021(°C)	1AFRH_PT_004A(bar)
	bar	°C	bar	°C	bar	t/h	bar	°C	mbar-A	mbar-A	mbar-A	bar	°C	bar
PROMEDIO	31,5	40,3	74,7	564,9	76,3	198,0	68,7	532,9	59,8	48,6	41,5	22,1	396,3	22,4
DESV EST	0,0025	0,0884	0,2621	0,1430	0,2743	3,8695	1,3327	0,1242	0,0000	0,0000	0,0000	0,1370	0,0842	0,1167
%DESV EST	0,0079%	0,2190%	0,3511%	0,0253%	0,3596%	1,9540%	1,9395%	0,0233%	0,0000%	0,0000%	0,0000%	0,6201%	0,0213%	0,5213%
DATOS	31	31	31	31	31	30	31	31	31	31	31	31	31	31
DURACIÓN	0:30:00													

Fecha	Hora	1ASGZ_PT_015(bar)	1ATRE_FTQ(°C)	10GMA_PTX_010(bar)	10VVP_TT_012(°C)	1AFSR_PTX_003(bar)	1AFSR_FTV_005(t/h)	10GMA_PT_011(bar)	10GMA_TTX_011(°C)	10CVI_PIT_001A(mbar-A)	10CVI_PIT_001B(mbar-A)	10CVI_PIT_001C(mbar-A)	10GMA_PT_021(bar)	10VVP_TT_021(°C)	1AFRH_PT_004A(bar)
02-02-2021	15:30:00	31,48452	40,13094	75,06548	564,8916	76,74441	201,2496	69,90842	533,0658	59,8125	48,64063	41,50781	22,31204	396,4768	22,5737
02-02-2021	15:31:00	31,485	40,16458	75,03948	564,9052	76,71423	201,1381	69,8257	533,098	59,8125	48,64063	41,50781	22,29697	396,4676	22,56087
02-02-2021	15:32:00	31,48547	40,19823	75,01348	564,9186	76,68407	201,1617	69,74	533,084	59,8125	48,64063	41,50781	22,28191	396,4583	22,54803
02-02-2021	15:33:00	31,48578	40,23187	74,98748	564,9322	76,65389	201,1617	69,74	533,0701	59,8125	48,64063	41,50781	22,26684	396,449	22,5352
02-02-2021	15:34:00	31,48605	40,26551	74,96147	564,9457	76,62373	201,1617	69,74	533,0562	59,8125	48,64063	41,50781	22,25178	396,4398	22,52237
02-02-2021	15:35:00	31,48632	40,29916	74,93547	564,9592	76,59355	201,942	69,89479	533,0423	59,8125	48,64063	41,50781	22,23672	396,4305	22,50953
02-02-2021	15:36:00	31,48659	40,33281	74,90947	564,9727	76,56339	202,0908	69,81973	533,0284	59,8125	48,64063	41,50781	22,22165	396,4212	22,4967
02-02-2021	15:37:00	31,48686	40,36645	74,88347	564,9863	76,53321	201,3656	70,0965	533,0145	59,8125	48,64063	41,50781	22,20659	396,412	22,48387
02-02-2021	15:38:00	31,48713	40,4001	74,85747	564,9998	76,50304	200,7908	69,82227	533,0006	59,8125	48,64063	41,50781	22,19152	396,4027	22,47104
02-02-2021	15:39:00	31,4874	40,43374	74,83146	565,0133	76,47287	201,196	70,0216	532,9867	59,8125	48,64063	41,50781	22,17646	396,3934	22,4582
02-02-2021	15:40:00	31,48767	40,46739	74,80546	565,0268	76,4427	201,2076	69,87628	532,9728	59,8125	48,64063	41,50781	22,1614	396,3842	22,44537
02-02-2021	15:41:00	31,48794	40,47045	74,77946	565,0403	76,41253	200,9916	69,91117	532,9589	59,8125	48,64063	41,50781	22,14633	396,3749	22,43254
02-02-2021	15:42:00	31,48821	40,45992	74,75346	565,0538	76,38235	201,4015	69,94923	532,9449	59,8125	48,64063	41,50781	22,13127	396,3657	22,4197
02-02-2021	15:43:00	31,48848	40,4494	74,72746	565,0674	76,35219	201,0572	70,01363	532,931	59,8125	48,64063	41,50781	22,11621	396,3564	22,40687
02-02-2021	15:44:00	31,48874	40,43887	74,70145	565,0809	76,32201	201,4282	69,90263	532,9171	59,8125	48,64063	41,50781	22,10114	396,3471	22,39404
02-02-2021	15:45:00	31,48902	40,42835	74,67545	565,0944	76,29185	200,7935	69,80451	532,9032	59,8125	48,64063	41,50781	22,08608	396,3379	22,38121
02-02-2021	15:46:00	31,48928	40,41782	74,64944	565,1079	76,26167	200,3467	69,31256	532,8893	59,8125	48,64063	41,50781	22,07101	396,3286	22,36837
02-02-2021	15:47:00	31,48955	40,4073	74,62344	565,1214	76,23151	198,1725	68,63242	532,8754	59,8125	48,64063	41,50781	22,05595	396,3193	22,35554
02-02-2021	15:48:00	31,48982	40,39677	74,59666	565,0941	76,20133	196,5086	68,49721	532,8615	59,8125	48,64063	41,50781	22,04088	396,3101	22,34271
02-02-2021	15:49:00	31,49009	40,38625	74,563	565,0521	76,17117	194,375	67,46684	532,8475	59,8125	48,64063	41,50781	22,02582	396,3008	22,32987
02-02-2021	15:50:00	31,49036	40,37572	74,52934	565,0101	76,14099	193,5738	67,0126	532,8336	59,8125	48,64063	41,50781	22,01076	396,2915	22,31704
02-02-2021	15:51:00	31,49063	40,3652	74,49567	564,9681	76,11082	192,1825	67,0491	532,8197	59,8125	48,64063	41,50781	21,99569	396,2823	22,30421
02-02-2021	15:52:00	31,4909	40,35468	74,46201	564,9261	76,08065	192,7111	66,6308	532,8058	59,8125	48,64063	41,50781	21,98063	396,273	22,29138
02-02-2021	15:53:00	31,49117	40,34415	74,42834	564,8842	76,05048	191,9637	66,80846	532,7919	59,8125	48,64063	41,50781	21,96556	396,2637	22,27854
02-02-2021	15:54:00	31,49144	40,33363	74,39468	564,8422	76,02031	192,8513	66,87283	532,778	59,8125	48,64063	41,50781	21,9505	396,2545	22,26571
02-02-2021	15:55:00	31,49171	40,3231	74,36102	564,8002	75,99014	193,0821	67,00065	532,764	59,8125	48,64063	41,50781	21,93544	396,2452	22,25288
02-02-2021	15:56:00	31,49198	40,31258	74,32736	564,7582	75,95997	192,6349	67,13784	532,7501	59,8125	48,64063	41,50781	21,92037	396,2359	22,24004
02-02-2021	15:57:00	31,49225	40,30205	74,29369	564,7162	75,92979	193,5342	67,3391	532,7362	59,8125	48,64063	41,50781	21,90531	396,2267	22,22721
02-02-2021	15:58:00	31,49252	40,29153	74,26003	564,6742	75,89963 194	194,7776	67,27966	532,7223	59,8125	48,64063	41,50781	21,89025	396,2174	22,21438
02-02-2021	15:59:00	31,49279	40,28101	74,22637	564,6322	75,86945	194,7776	67,4707	532,7084	59,8125	48,64063	41,50781	21,87518	396,2081	22,20155
02-02-2021	16:00:00	31,49306	40,27048	74,19271	564,5902	75,83929	194,2576	67,49617	532,6945	59,8125	48,64063	41,50781	21,86012	396,1989	22,18871

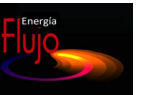
Datos DCS 02-02-2021 255MW



	PRESION DE VAPOR IP	TEMP DE VAPOR SOB CAL IP	FLUJO VAPOR TOTAL BYPASS IP	TEMP DE VAPOR IP	TEMP DE VAPOR IP	TEMP DE VAPOR IP	PRES VAP REGENERADO CAL (1/2)	TEMP VAPOR MP ENTRADA TURBINA	TEMP DE VAPOR BP -VOTO 1/2	TEMP DE VAPOR BP	TEMP DE VAPOR BP	PRESION VAPOR BP	PRESION VAPOR BP	PRESION VAPOR BP -VOTO 1/2	FLUJO DE VAPOR BP
	1AFRH_PT_004B(bar)	1AFRH_TT_008(°C)	10GMP_UN_861(t/h)	1AFRH_TT_005A(°C)	1AFRH_TT_005B(°C)	1AFRH_TT_005C(°C)	10GMA_PTX_030(bar)	10VVP_TT_031(°C)	1AFLB_TTX_002(°C)	1AFLB_TT_002A(°C)	1AFLB_TT_002B(°C)	1AFLB_PT_003A(bar)	1AFLB_PT_003B(bar)	1AFLB_PTX_003(bar)	1AFLB_FTV_004(t/h)
	bar	°C	t/h	°C	°C	°C	bar	°C	°C	°C	°C	bar	bar	bar	t/h
PROMEDIO	21,3	286,0	234,1	563,1	563,7	559,4	20,9	557,8	288,6	288,5	287,8	3,1	3,5	3,5	34,5
DESV EST	0,1042	0,0639	4,8246	0,6584	0,8736	0,3700	0,1251	0,0161	0,0542	0,0465	0,0000	0,0069	0,0057	0,0062	1,8908
%DESV EST	0,4889%	0,0223%	2,0611%	0,1169%	0,1550%	0,0661%	0,5987%	0,0029%	0,0188%	0,0161%	0,0000%	0,2198%	0,1604%	0,1751%	5,4833%
DATOS	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
DURACIÓN	0:30:00														

Fecha	Hora	PRESION DE VAPOR IP	TEMP DE VAPOR SOB CAL IP	FLUJO VAPOR TOTAL BYPASS IP	TEMP DE VAPOR IP	TEMP DE VAPOR IP	TEMP DE VAPOR IP	PRES VAP REGENERADO CAL (1/2)	TEMP VAPOR MP ENTRADA TURBINA	TEMP DE VAPOR BP -VOTO 1/2	TEMP DE VAPOR BP	TEMP DE VAPOR BP	PRESION VAPOR BP	PRESION VAPOR BP	PRESION VAPOR BP -VOTO 1/2	FLUJO DE VAPOR BP
02-02-2021	15:30:00	21,44986	286,1132	236,7928	564,8304	565,9998	560,2488	21,10724	557,8386	288,6416	288,5157	287,7969	3,108688	3,529287	3,535737	36,32715
02-02-2021	15:31:00	21,48526	286,1062	237,7339	564,5616	565,6801	560,1003	21,09239	557,8368	288,6414	288,5149	287,7969	3,109442	3,529911	3,53642	35,90991
02-02-2021	15:32:00	21,4765	286,0991	237,7266	564,2928	565,3603	559,9517	21,07755	557,835	288,6413	288,5141	287,7969	3,110196	3,530536	3,537102	36,06427
02-02-2021	15:33:00	21,46475	286,0921	238,5997	564,0239	565,0405	559,8031	21,0627	557,8333	288,6412	288,5133	287,7969	3,110951	3,53116	3,537785	36,07017
02-02-2021	15:34:00	21,453	286,0851	239,1504	563,7551	564,7208	559,6545	21,04785	557,8315	288,6411	288,5126	287,7969	3,111705	3,531785	3,538468	36,10318
02-02-2021	15:35:00	21,44126	286,0781	239,2861	563,4863	564,4009	559,5059	21,03301	557,8297	288,6409	288,5118	287,7969	3,11246	3,532409	3,539151	36,17498
02-02-2021	15:36:00	21,42951	286,071	237,9412	563,2174	564,0812	559,3573	21,01816	557,8279	288,6408	288,511	287,7969	3,113214	3,533033	3,539834	36,1077
02-02-2021	15:37:00	21,41776	286,064	238,1039	562,9486	563,7614	559,2087	21,00331	557,8262	288,6407	288,5102	287,7969	3,113968	3,533658	3,540517	36,05761
02-02-2021	15:38:00	21,40602	286,057	237,9055	562,6797	563,4417	559,0601	20,98846	557,8243	288,635	288,5095	287,7969	3,114723	3,534282	3,5412	36,34375
02-02-2021	15:39:00	21,39427	286,05	239,0512	563,1219	562,4109	558,9115	20,97362	557,8226	288,6281	288,5087	287,7969	3,115477	3,534907	3,541883	35,96015
02-02-2021	15:40:00	21,38253	286,0429	237,9976	562,223	562,8021	558,8635	20,95877	557,8208	288,6212	288,5079	287,7969	3,116231	3,535531	3,542565	35,90049
02-02-2021	15:41:00	21,37078	286,0359	237,0925	562,2888	562,7095	558,9144	20,94392	557,819	288,6143	288,5071	287,7969	3,116986	3,536156	3,543248	36,03543
02-02-2021	15:42:00	21,35903	286,0289	238,306	562,3546	562,7653	558,9652	20,92908	557,8173	288,6074	288,5063	287,7969	3,11774	3,53678	3,543931	36,31878
02-02-2021	15:43:00	21,34729	286,0219	238,0656	562,4205	562,821	559,0161	20,91423	557,8155	288,6005	288,5056	287,7969	3,118495	3,537405	3,544614	35,99468
02-02-2021	15:44:00	21,33554	286,0148	238,3682	562,4863	562,8768	559,0669	20,89938	557,8137	288,5936	288,5048	287,7969	3,119249	3,538029	3,545297	35,93728
02-02-2021	15:45:00	21,3238	286,0078	238,0246	562,5521	562,9325	559,1177	20,88454	557,812	288,5867	288,504	287,7969	3,120003	3,538653	3,545979	36,11665
02-02-2021	15:46:00	21,31205	286,0008	237,0586	562,618	562,9883	559,1686	20,86969	557,8102	288,5798	288,5032	287,7969	3,120758	3,539278	3,546662	35,72541
02-02-2021	15:47:00	21,3003	285,9938	234,8469	562,6838	563,044	559,2194	20,85484	557,8084	288,5729	288,5025	287,7969	3,121512	3,539902	3,547345	34,73993
02-02-2021	15:48:00	21,28856	285,9868	233,095	562,7496	563,0998	559,2703	20,83999	557,8066	288,566	288,5017	287,7969	3,122267	3,540527	3,548028	34,24605
02-02-2021	15:49:00	21,27681	285,9797	232,3691	562,8155	563,1555	559,3211	20,82515	557,8049	288,5591	288,5009	287,7969	3,123021	3,541151	3,548711	33,53654
02-02-2021	15:50:00	21,26506	285,9727	230,8216	562,8813	563,2113	559,372	20,8103	557,8031	288,5522	288,5002	287,7969	3,123775	3,541776	3,549394	32,88084
02-02-2021	15:51:00	21,25332	285,9657	227,9845	562,9471	563,267	559,4229	20,798	557,8013	288,5453	288,4884	287,7969	3,12453	3,5424	3,550077	32,65768
02-02-2021	15:52:00	21,24157	285,9586	227,0715	563,013	563,3228	559,4737	20,78769	557,7995	288,5384	288,4742	287,7969	3,125284	3,543025	3,55076	32,37741
02-02-2021	15:53:00	21,22982	285,9516	226,4098	563,0789	563,3785	559,5245	20,77738	557,7977	288,5315	288,4599	287,7969	3,126039	3,543649	3,551442	32,48399
02-02-2021	15:54:00	21,21808	285,9446	226,651	563,1447	563,4343	559,5754	20,76706	557,796	288,5246	288,4456	287,7969	3,126793	3,544274	3,552125	31,87885
02-02-2021	15:55:00	21,20633	285,9376	226,6812	563,2105	563,4901	559,6262	20,75675	557,7942	288,5177	288,4313	287,7969	3,127548	3,544898	3,552808	31,83725
02-02-2021	15:56:00	21,19459	285,9305	227,8111	563,2764	563,5458	559,6771	20,74644	557,7924	288,5108	288,417	287,7969	3,128302	3,545522	3,553491	31,86007
02-02-2021	15:57:00	21,18284	285,9235	228,7616	563,3422	563,6016	559,7279	20,73612	557,7906	288,5039	288,4027	287,7969	3,129056	3,546147	3,554174	31,74356
02-02-2021	15:58:00	21,17109	285,9165	228,8688	563,408	563,6573	559,7787	20,72581	557,7889	288,497	288,3885	287,7969	3,129811	3,546771	3,554857	31,74481
02-02-2021	15:59:00	21,15935	285,9095	228,7603	563,4739	563,7131	559,8296	20,71549	557,7871	288,4901	288,3742	287,7969	3,130565	3,547396	3,55554	31,91692
02-02-2021	16:00:00	21,1476	285,9025	228,9393	563,5397	563,7688	559,8804	20,70518	557,7853	288,4832	288,3599	287,7969	3,131319	3,54802	3,556222	31,92378

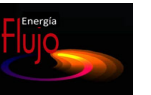
Datos DCS 02-02-2021 255MW



	PRES VAPOR BP (1/2)	TEMPERATURA VAPOR BP	TEMP ESCAPE TUR BP	TEMP VAP SELLO TUR VAPOR	PRES SIST VAP SELLO TUR VAP	TEMP EN EL POZO DEL CONDENSADOR	PRESION DESCARGA BBA-COND	TEMP DESCARGA BBA-COND	FLUJO CORRECTO DESCGA BBA-COND	PRESION CONDENSADOR	PRESION CONDENSADOR	PRESION CONDENSADOR	PRESION CONDENSADOR -VOTO 2/3
	10GMA_PTX_040(bar)	10VVP_TT_040(°C)	10GMA_TT_041(°C)	10CET_TT_001(°C)	10CET_PT_001(mbar)	10CEX_TT_002(°C)	10CEX_PIT_001(bar)	10CEX_TT_003(°C)	10CEX_FTV_080(t/h)	10CVI_PIT_001(mbar-A)	10CVI_PIT_0018(mbar-A)	10CVI_PIT_001C(mbar-A)	10CVI_PTX_001(mbar-A)
	bar	°C	°C	°C	mbar	°C	bar	°C	t/h	mbar-A	mbar-A	mbar-A	mbar-A
PROMEDIO	3,2	288,9	36,5	200,1	29,9	36,1	21,3	35,9	278,0	59,8	48,6	41,5	49,7
DESV EST	0,0044	0,0515	0,0078	0,4614	0,2449	0,0163	0,0052	0,0331	5,6421	0,0000	0,0000	0,0000	0,0000
%DESV EST	0,1373%	0,0178%	0,0214%	0,2306%	0,8186%	0,0450%	0,0242%	0,0923%	2,0293%	0,0000%	0,0000%	0,0000%	0,0000%
DATOS	31	31	31	31	31	31	31	31	31	31	31	31	31
DURACIÓN	0:30:00												

Fecha	Hora	PRES VAPOR BP (1/2)	TEMPERATURA VAPOR BP	TEMP ESCAPE TUR BP	TEMP VAP SELLO TUR VAPOR	PRES SIST VAP SELLO TUR VAP	TEMP EN EL POZO DEL CONDENSADOR	PRESION DESCARGA BBA-COND	TEMP DESCARGA BBA-COND	FLUJO CORRECTO DESCGA BBA-COND	PRESION CONDENSADOR	PRESION CONDENSADOR	PRESION CONDENSADOR	PRESION CONDENSADOR -VOTO 2/3
02-02-2021	15:30:00	3,194307	289,0088	36,53027	200,8398	29,95973	36,08864	21,27281	35,82792	284,3055	59,8125	48,64063	41,50781	49,71484
02-02-2021	15:31:00	3,193946	289,0032	36,53463	200,789	29,94875	36,09043	21,27338	35,83157	279,354	59,8125	48,64063	41,50781	49,71484
02-02-2021	15:32:00	3,193586	288,9975	36,53898	200,7383	29,8227	36,09222	21,27394	35,83521	280,3865	59,8125	48,64063	41,50781	49,71484
02-02-2021	15:33:00	3,193226	288,9919	36,54334	200,6876	30,22588	36,09401	21,27451	35,83885	283,7151	59,8125	48,64063	41,50781	49,71484
02-02-2021	15:34:00	3,192865	288,9862	36,5477	200,6368	30,16261	36,09579	21,27508	35,84249	283,0936	59,8125	48,64063	41,50781	49,71484
02-02-2021	15:35:00	3,192505	288,9805	36,55205	200,5861	30,10959	36,09758	21,27564	35,84614	285,8135	59,8125	48,64063	41,50781	49,71484
02-02-2021	15:36:00	3,192145	288,9749	36,55641	200,5353	29,85637	36,09937	21,27621	35,84978	282,6919	59,8125	48,64063	41,50781	49,71484
02-02-2021	15:37:00	3,191784	288,9692	36,55982	200,4846	30,01009	36,10116	21,27678	35,85342	281,5098	59,8125	48,64063	41,50781	49,71484
02-02-2021	15:38:00	3,191424	288,9636	36,55882	200,4338	29,96372	36,10295	21,27735	35,85707	283,703	59,8125	48,64063	41,50781	49,71484
02-02-2021	15:39:00	3,191064	288,9579	36,55781	200,3831	29,82711	36,10474	21,27791	35,86071	279,8044	59,8125	48,64063	41,50781	49,71484
02-02-2021	15:40:00	3,190703	288,9522	36,5568	200,3324	29,94004	36,10653	21,27848	35,86435	280,2711	59,8125	48,64063	41,50781	49,71484
02-02-2021	15:41:00	3,190343	288,9466	36,55579	200,2816	30,03556	36,10832	21,27905	35,86799	284,122	59,8125	48,64063	41,50781	49,71484
02-02-2021	15:42:00	3,189974	288,9409	36,55479	200,2309	30,17353	36,1101	21,27961	35,87164	278,9777	59,8125	48,64063	41,50781	49,71484
02-02-2021	15:43:00	3,189614	288,9352	36,55378	200,1801	30,13179	36,11189	21,28018	35,87528	283,0609	59,8125	48,64063	41,50781	49,71484
02-02-2021	15:44:00	3,189254	288,9296	36,55277	200,1294	29,96056	36,11368	21,28075	35,87892	284,3045	59,8125	48,64063	41,50781	49,71484
02-02-2021	15:45:00	3,188894	288,9239	36,55177	200,0786	29,76679	36,11547	21,28131	35,88256	281,1943	59,8125	48,64063	41,50781	49,71484
02-02-2021	15:46:00	3,188534	288,9182	36,55076	200,0279	29,60224	36,11726	21,28188	35,88621	284,2406	59,8125	48,64063	41,50781	49,71484
02-02-2021	15:47:00	3,188174	288,9126	36,54976	199,9772	29,40535	36,11905	21,28245	35,88985	277,7128	59,8125	48,64063	41,50781	49,71484
02-02-2021	15:48:00	3,187814	288,9069	36,54875	199,9264	29,41052	36,12084	21,28302	35,89349	272,3994	59,8125	48,64063	41,50781	49,71484
02-02-2021	15:49:00	3,187454	288,9012	36,54774	199,8757	29,49714	36,12263	21,28358	35,89713	269,7344	59,8125	48,64063	41,50781	49,71484
02-02-2021	15:50:00	3,187094	288,8956	36,54673	199,8249	29,57897	36,12442	21,28415	35,90078	271,773	59,8125	48,64063	41,50781	49,71484
02-02-2021	15:51:00	3,186734	288,8899	36,54573	199,7742	29,49595	36,12621	21,28472	35,90442	266,7392	59,8125	48,64063	41,50781	49,71484
02-02-2021	15:52:00	3,186374	288,8843	36,54472	199,7234	30,14586	36,12799	21,28528	35,90806	271,216	59,8125	48,64063	41,50781	49,71484
02-02-2021	15:53:00	3,186014	288,8786	36,54372	199,6727	30,05573	36,12978	21,28585	35,91171	278,0926	59,8125	48,64063	41,50781	49,71484
02-02-2021	15:54:00	3,185654	288,873	36,54271	199,6219	30,04638	36,13157	21,28642	35,91535	276,6921	59,8125	48,64063	41,50781	49,71484
02-02-2021	15:55:00	3,185294	288,8673	36,5417	199,5712	30,05003	36,13336	21,28699	35,91899	276,1092	59,8125	48,64063	41,50781	49,71484
02-02-2021	15:56:00	3,184934	288,8616	36,5407	199,5205	30,1145	36,13515	21,28755	35,92263	275,2737	59,8125	48,64063	41,50781	49,71484
02-02-2021	15:57:00	3,184574	288,856	36,53969	199,4697	30,02848	36,13694	21,28812	35,92627	271,0789	59,8125	48,64063	41,50781	49,71484
02-02-2021	15:58:00	3,184214	288,8503	36,53868	199,419	29,86344	36,13873	21,28869	35,92992	267,0166	59,8125	48,64063	41,50781	49,71484
02-02-2021	15:59:00	3,183854	288,8446	36,53767	199,3682	29,8289	36,14051	21,28925	35,93356	271,2896	59,8125	48,64063	41,50781	49,71484
02-02-2021	16:00:00	3,183494	288,839	36,53667	199,3175	30,32676	36,1423	21,28982	35,9372	273,2888	59,8125	48,64063	41,50781	49,71484

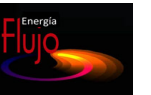
Datos DCS 02-02-2021 255MW



	FLUJO AGUA ADIC NOR COND	AGUA DE ALIM AP PRES DE DESCARGA	TEMP DE AGUA ALIM AP	FLUJO AGUA DE ALIM AP	FLUJO AGUA ATEMP AP	PRESION AGUA DE ALIM IP	TEMP AGUA DE ALIM IP	FLUJO AGUA DE ALIM IP	FLUJO AGUA ATEMP IP	FLUJO AGUA ATEMPERAMIENTO AP	FLUJO DE AGUA IP ATEMPERAMIENTO	FLUJO AGUA ATEMPERAMIENTO BP	FLUJO MASICO COMB LIQUIDO
	10CEX_FIT_051(t/h)	1AAPH_PIT_001(bar)	1AFSR_TT_001(°C)	1AFSR_FTV_001(t/h)	1AFSR_FTV_002(t/h)	1AFRH_PT_001(bar)	1AFRH_TT_001(°C)	1AFRH_FTV_001(t/h)	1AFRH_FTV_004(t/h)	10GHP_FT_001(t/h)	10GMP_FT_001(t/h)	10GBP_FT_001(t/h)	1ATRE_FQLM1(kg/s)
	t/h	bar	°C	t/h	t/h	bar	°C	t/h	t/h	t/h	t/h	t/h	kg/s
PROMEDIO	10,6	163,5	124,2	191,4	3,0	88,5	121,2	34,7	3,4	0,3	0,3	0,0	10,6
DESV EST	0,0081	0,6239	0,0309	4,4701	1,0742	0,3834	0,0095	0,9017	0,4642	0,1418	0,0603	0,0000	0,1105
%DESV EST	0,0762%	0,3815%	0,0249%	2,3353%	35,8649%	0,4333%	0,0078%	2,6002%	13,5823%	52,7818%	23,6360%	0,0000%	1,0474%
DATOS	31	31	31	31	31	31	31	31	31	31	31	31	31
DURACIÓN	0:30:00												

Fecha	Hora	FLUJO AGUA ADIC NOR COND	AGUA DE ALIM AP PRES DE DESCARGA	TEMP DE AGUA ALIM AP	FLUJO AGUA DE ALIM AP	FLUJO AGUA ATEMP AP	PRESION AGUA DE ALIM IP	TEMP AGUA DE ALIM IP	FLUJO AGUA DE ALIM IP	FLUJO AGUA ATEMP IP	FLUJO AGUA ATEMPERAMIENTO AP	FLUJO DE AGUA IP ATEMPERAMIENTO	FLUJO AGUA ATEMPERAMIENTO BP	FLUJO MASICO COMB LIQUIDO
02-02-2021	15:30:00	10,59679	163,6161	124,2729	194,7888	2,219146	88,47557	121,1562	35,20892	3,16727	0,285718	0,1875	0,00234375	10,56236
02-02-2021	15:31:00	10,59562	163,6786	124,2734	193,0205	2,244678	88,58111	121,1572	35,47106	2,977955	0,2190397	0,1875	0,00234375	10,57046
02-02-2021	15:32:00	10,59446	163,2682	124,2738	195,002	2,197214	88,3366	121,1583	34,66833	3,169938	0,1523615	0,1875	0,00234375	10,57856
02-02-2021	15:33:00	10,59329	162,8284	124,2743	195,603	2,114018	88,04601	121,1593	34,36694	3,302454	0,09227242	0,3837256	0,00234375	10,58666
02-02-2021	15:34:00	10,59212	163,07	124,2748	195,4086	2,04882	88,22559	121,1603	34,47784	3,361247	0,1765494	0,28125	0,00234375	10,59477
02-02-2021	15:35:00	10,59095	162,755	124,2753	197,8074	2,036873	88,0981	121,1614	35,04018	3,400588	0,2608263	0,28125	0,00234375	10,60287
02-02-2021	15:36:00	10,58979	162,897	124,2758	194,4931	2,01259	88,1255	121,1624	35,46696	3,448137	0,2936719	0,28125	0,00234375	10,61097
02-02-2021	15:37:00	10,58862	163,65	124,2763	194,1709	2,219614	88,11727	121,1635	35,55786	3,443014	0,2936719	0,28125	0,00234375	10,61907
02-02-2021	15:38:00	10,58745	163,3459	124,2768	195,2063	2,323087	88,325	121,1645	35,78737	3,098674	0,2936719	0,28125	0,00234375	10,62718
02-02-2021	15:39:00	10,58629	162,8207	124,2773	193,0417	2,282419	88,1475	121,1655	35,79746	3,098674	0,2936719	0,28125	0,00234375	10,63528
02-02-2021	15:40:00	10,58512	162,9254	124,2738	195,3621	2,295983	87,9574	121,1666	35,76975	3,098674	0,2936719	0,28125	0,00234375	10,64338
02-02-2021	15:41:00	10,58395	162,6374	124,2694	194,5264	2,149443	88,05571	121,1676	35,36735	3,098674	0,2936719	0,28125	0,00234375	10,65148
02-02-2021	15:42:00	10,58279	163,421	124,265	193,8797	2,255637	88,38525	121,1687	35,44921	3,143871	0,2936719	0,28125	0,00234375	10,65958
02-02-2021	15:43:00	10,58162	162,8375	124,2606	196,6603	2,243004	88,10439	121,1697	35,11661	3,333046	0,2936719	0,28125	0,00234375	10,66769
02-02-2021	15:44:00	10,58045	162,7023	124,2562	194,7802	2,128973	88,27472	121,1707	34,95845	3,333046	0,241285	0,28125	0,00234375	10,67579
02-02-2021	15:45:00	10,57928	163,1511	124,2518	195,0232	1,959778	88,22366	121,1718	35,06444	3,020915	0,1035337	0,28125	0,00234375	10,67469
02-02-2021	15:46:00	10,57812	163,0685	124,2474	196,0284	2,039251	88,15878	121,1728	35,2086	2,944335	0,4477521	0,28125	0,00234375	10,64966
02-02-2021	15:47:00	10,57695	163,7396	124,243	188,9906	2,389499	88,55444	121,1739	35,03663	2,886771	0,8224697	0,28125	0,00234375	10,62463
02-02-2021	15:48:00	10,57578	164,3015	124,2386	187,9877	2,95459	88,90468	121,1749	35,18723	3,112843	0,3058021	0,28125	0,00234375	10,59961
02-02-2021	15:49:00	10,57589	164,6778	124,2342	185,2755	3,180839	89,20187	121,1759	35,07642	3,51367	0,1383682	0,28125	0,00234375	10,57458
02-02-2021	15:50:00	10,57858	164,6328	124,2298	184,9776	3,09052	89,16383	121,177	35,02922	3,49956	0,3425493	0,28125	0,00234375	10,54956
02-02-2021	15:51:00	10,58127	164,5276	124,2254	183,6519	3,598374	89,10036	121,178	34,74815	3,20024	0,4003123	0,28125	0,00234375	10,52453
02-02-2021	15:52:00	10,58396	163,8124	124,2211	186,9743	3,99167	88,7679	121,1791	34,33407	2,913152	0,3805693	0,28125	0,00234375	10,49951
02-02-2021	15:53:00	10,58665	163,1802	124,2167	192,5662	4,138638	88,30907	121,1801	33,70638	3,538913	0,3448147	0,28125	0,00234375	10,47448
02-02-2021	15:54:00	10,58934	163,5095	124,2123	190,7515	4,397418	88,48332	121,1811	33,38586	3,32639	0,271884	0,28125	0,00234375	10,44945
02-02-2021	15:55:00	10,59203	163,861	124,2079	189,2664	4,561783	88,7376	121,1822	32,7034	4,013289	0,1989533	0,28125	0,00234375	10,42443
02-02-2021	15:56:00	10,59472	163,7933	124,2035	189,1506	4,645534	88,69725	121,1832	32,93755	3,94737	0,1260227	0,28125	0,00234375	10,3994
02-02-2021	15:57:00	10,59741	163,9506	124,1991	185,4083	4,862373	88,75503	121,1843	32,90912	4,211076	0,05309199	0,1289063	0,00234375	10,37438
02-02-2021	15:58:00	10,6001	164,7109	124,1947	184,7482	4,818749	89,19679	121,1853	33,5409	4,195563	0,2533781	0,1289063	0,00234375	10,34935
02-02-2021	15:59:00	10,60279	164,0088	124,1903	184,495	4,705682	89,09325	121,1863	33,61693	4,499099	0,300301	0,1289063	0,00234375	10,32432
02-02-2021	16:00:00	10,60548	164,0582	124,1859	184,855	4,622669	88,64905	121,1874	33,98211	4,640267	0,06106398	0,1289063	0,00234375	10,2993

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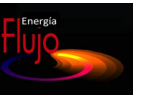


	NIVEL DEL DOMO AP -VOTO 2/3	TEMP DEL DOMO AP	NIVEL DEL DOMO IP -VOTO 2/3	PRESION DEL DOMO IP -VOTO 1/2	TEMP DEL DOMO IP	NIVEL DEL DOMO BP -VOTO 2/3	TEMP DEL DOMO BP	PRESION DEL DOMO BP -VOTO 1/2	TEMP DESCARGA BBA-AENF	TEMPERATURA EXTERNA 1/2 COND 2	TEMPERATURA EXTERNA 1/2 COND 1	
	1AFSR_LTX_001(mm)	1AFSR_TT_002(°C)	1AFRH_LTX_001(mm)	1AFRH_PTX_002(bar)	1AFRH_TT_002(°C)	1AFLB_LTX_001(mm)	1AFLB_TT_001(°C)	1AFLB_PTX_001(bar)	10CRF_TT_001(°C)	10CRF_TT_202(°C)	10CRF_TT_201(°C)	
	mm	°C	mm	bar	°C	mm	°C	bar	°C	°C	°C	
PROMEDIO		-2,5	294,2	-119,8	22,6	216,2	-112,4	140,6	3,5	22,6	27,7	30,3
DESV EST	1,9674	0,1370	22,5541	0,1171	0,0000	18,7189	0,0473	0,0110	0,0506	0,0307	0,0374	
%DESV EST	-79,4659%	0,0466%	-18,8238%	0,5182%	0,0000%	-16,6559%	0,0336%	0,3127%	0,2238%	0,1108%	0,1237%	
DATOS	31	31	31	31	31	31	31	31	31	31	31	
DURACIÓN	0:30:00											

Fecha	Hora	NIVEL DEL DOMO AP -VOTO 2/3	TEMP DEL DOMO AP	NIVEL DEL DOMO IP -VOTO 2/3	PRESION DEL DOMO IP -VOTO 1/2	TEMP DEL DOMO IP	NIVEL DEL DOMO BP -VOTO 2/3	TEMP DEL DOMO BP	PRESION DEL DOMO BP -VOTO 1/2	TEMP DESCARGA BBA-AENF	TEMPERATURA EXTERNA 1/2 COND 2	TEMPERATURA EXTERNA 1/2 COND 1
02-02-2021	15:30:00	-8,059827	294,3937	-110,945	22,54942	216,248	-93,243	140,67	3,490547	22,50407	27,65963	30,19313
02-02-2021	15:31:00	-6,971128	294,3786	-92,41064	22,56942	216,248	-93,84505	140,6648	3,49262	22,50963	27,66301	30,19724
02-02-2021	15:32:00	-5,882428	294,3636	-74,33667	22,58941	216,248	-97,3	140,6596	3,494694	22,51519	27,66638	30,20136
02-02-2021	15:33:00	-4,793729	294,3485	-85,88231	22,60941	216,248	-94,0944	140,6544	3,496767	22,52075	27,66976	30,20548
02-02-2021	15:34:00	-3,705029	294,3334	-97,30968	22,62941	216,248	-89,59368	140,6492	3,498841	22,52631	27,67313	30,2096
02-02-2021	15:35:00	-2,61633	294,3184	-121,0966	22,6494	216,248	-94,55903	140,644	3,500914	22,53187	27,67651	30,21371
02-02-2021	15:36:00	-1,527631	294,3033	-127,6749	22,6694	216,248	-100,3574	140,6388	3,502988	22,53744	27,67989	30,21783
02-02-2021	15:37:00	-0,4389312	294,2882	-135,2486	22,6894	216,248	-89,09371	140,6336	3,505061	22,543	27,68326	30,22195
02-02-2021	15:38:00	0,1626087	294,2732	-139,562	22,70939	216,248	-94,33281	140,6284	3,507134	22,54856	27,68664	30,22607
02-02-2021	15:39:00	-0,02548259	294,2581	-120,5793	22,72939	216,248	-95,5907	140,6232	3,509208	22,55412	27,69001	30,23018
02-02-2021	15:40:00	-0,2135739	294,243	-125,2408	22,74939	216,248	-98,68267	140,618	3,511281	22,55968	27,69339	30,2343
02-02-2021	15:41:00	-0,4016653	294,228	-106,8901	22,76938	216,248	-98,4822	140,6128	3,513355	22,56524	27,69676	30,23842
02-02-2021	15:42:00	-0,5897566	294,2129	-108,362	22,75744	216,248	-96,94141	140,6076	3,515428	22,5708	27,70014	30,24253
02-02-2021	15:43:00	-0,7778479	294,1978	-85,73618	22,73532	216,248	-100,9358	140,6024	3,517502	22,57636	27,70352	30,24665
02-02-2021	15:44:00	-0,9659393	294,1828	-98,75438	22,7132	216,248	-99,27051	140,5972	3,519575	22,58192	27,70689	30,25077
02-02-2021	15:45:00	-1,154031	294,1677	-82,80798	22,69107	216,248	-106,947	140,592	3,521648	22,58748	27,71027	30,25489
02-02-2021	15:46:00	-1,342122	294,1527	-122,3953	22,66895	216,248	-101,6026	140,5868	3,523722	22,59305	27,71364	30,259
02-02-2021	15:47:00	-1,530213	294,1376	-128,3011	22,64682	216,248	-110,5844	140,5816	3,525795	22,59861	27,71702	30,26312
02-02-2021	15:48:00	-1,718305	294,1225	-148,0838	22,6247	216,248	-115,5742	140,5764	3,527869	22,60417	27,7204	30,26724
02-02-2021	15:49:00	-1,906396	294,1075	-157,6111	22,60258	216,248	-130,0932	140,5712	3,528163	22,60973	27,72377	30,27136
02-02-2021	15:50:00	-2,094487	294,0924	-137,8768	22,58045	216,248	-128,9208	140,566	3,526674	22,61529	27,72715	30,27547
02-02-2021	15:51:00	-2,282578	294,0774	-129,3357	22,55833	216,248	-130,8017	140,5608	3,525186	22,62085	27,73052	30,27959
02-02-2021	15:52:00	-2,47067	294,0623	-109,8154	22,53621	216,248	-134,1298	140,5556	3,523697	22,62641	27,7339	30,28371
02-02-2021	15:53:00	-2,658761	294,0472	-124,4504	22,51408	216,248	-133,6456	140,5504	3,522209	22,63197	27,73728	30,28783
02-02-2021	15:54:00	-2,846853	294,0322	-105,8802	22,49196	216,248	-133,9415	140,5452	3,52072	22,63753	27,74065	30,29194
02-02-2021	15:55:00	-3,034944	294,0171	-121,7946	22,46983	216,248	-136,8283	140,54	3,519232	22,64309	27,74403	30,29606
02-02-2021	15:56:00	-3,223035	294,002	-126,7605	22,44771	216,248	-141,682	140,5348	3,517743	22,64865	27,7474	30,30018
02-02-2021	15:57:00	-3,411127	293,987	-145,6829	22,42559	216,248	-139,7241	140,5296	3,516255	22,65422	27,75078	30,3043
02-02-2021	15:58:00	-3,599218	293,9719	-130,0316	22,40346	216,248	-139,6423	140,5244	3,514766	22,65978	27,75416	30,30841
02-02-2021	15:59:00	-3,787309	293,9568	-149,0152	22,38134	216,248	-129,2036	140,5191	3,513278	22,66534	27,75753	30,31253
02-02-2021	16:00:00	-2,883564	293,9418	-164,462	22,35921	216,248	-134,3105	140,5139	3,511789	22,6709	27,76091	30,31665

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225MW

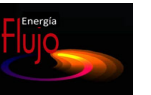


	ENT COMPRES TERMOC 1A	ENT COMPRES TERMOC 1B	ENT COMPRES TERMOC 2A	PRESION ENTRADA COMPRESOR 96	FACTOR DE POTENCIA CALCULADO	WATT MAXIMO GEN SELECCIONADO	MEDC CARGA GEN TUR (1/2)	CORRIENTE EXCIT GEN EX2K	VOLTAJE EXCIT GEN EX2K	EXCITACION CORRIENTE	EXCITACION VOLTAJE	FLUJO COMBUSTIBLE	PRESION DE ENTRADA A TURBINA GAS		
	1ATRE_CTIF1A(°C)	1ATRE_CTIF1B(°C)	1ATRE_CTIF2A(°C)	1ATRE_AFPCS(mm.H2O)	1ATRE_DPFL()	1ATRE_DWATT(MW)	10GGE_SNX_001(MW)	1ATRE_EX2K_FLD_A(A)	1ATRE_EX2K_FLD_V(V)	10GEX_II_001(A)	10GEX_EI_001(V)	1ATRE_FQG(kg/s)	1ASGZ_PT_019(bar)		
	°C	°C	°C	mm.H2O		MW	MW	A	V	A	V	kg/s	bar		
PROMEDIO	35,1	34,4	35,3	28,1		0,9	131,0	96,7	992,9		286,5	767,4	115,4	#DIV/0!	31,6
DESV EST	0,3583	0,3012	0,3589	1,8725		0,0060	0,7157	1,9471	30,2553		9,6868	9,4679	2,4678	#DIV/0!	0,0051
%DESV EST	1,0200%	0,8752%	1,0168%	6,6722%		0,6551%	0,5462%	2,0131%	3,0472%		1,2338%	2,1378%		#DIV/0!	0,0162%
DATOS	61	61	61	61		61	61	61	61		61	61	61	0	61
DURACIÓN	1:00:00	PROM-PROM		34,9											

Fecha	Hora	ENT COMPRES TERMOC 1A	ENT COMPRES TERMOC 1B	ENT COMPRES TERMOC 2A	PRESION ENTRADA COMPRESOR 96	FACTOR DE POTENCIA CALCULADO	WATT MAXIMO GEN SELECCIONADO	MEDC CARGA GEN TUR (1/2)	CORRIENTE EXCIT GEN EX2K	VOLTAJE EXCIT GEN EX2K	EXCITACION CORRIENTE	EXCITACION VOLTAJE	FLUJO COMBUSTIBLE	PRESION DE ENTRADA A TURBINA GAS
02-02-2021	16:30:00	35,17629	34,314	35,02069	30,9044	0,9015954	131,3992	98,88438	1025,043	294,1681	783,6071	118,4441	0	31,56363
02-02-2021	16:31:00	34,80544	34,17488	35,89571	29,26297	0,8992147	130,6815	98,90459	1025,923	293,1466	781,2827	115,7733	0	31,56392
02-02-2021	16:32:00	35,52182	34,62126	35,62076	30,44659	0,9001409	129,7672	99,00507	1010,303	292,6549	772,7551	118,4983	0	31,56421
02-02-2021	16:33:00	34,95919	34,60939	35,4481	31,93516	0,9008	132,6911	98,99123	1026,009	296,2007	782,999	118,396	0	31,56449
02-02-2021	16:34:00	34,84196	34,59938	35,43389	29,71852	0,9017916	131,7343	98,78754	1023,387	297,4923	779,9026	117,6147	0	31,56478
02-02-2021	16:35:00	34,71221	34,62017	35,48872	29,35778	0,902816	131,1096	98,37199	1028,144	294,9364	780,6771	121,0506	0	31,56507
02-02-2021	16:36:00	35,00508	34,64096	35,14851	29,36125	0,9036524	130,3647	98,43788	1028,923	297,8236	782,5603	118,7726	0	31,56536
02-02-2021	16:37:00	35,42719	34,66217	35,7134	30,86476	0,9125479	131,535	98,61752	1029,875	294,5465	785,3231	120,413	0	31,56564
02-02-2021	16:38:00	35,46279	34,615	35,52404	30,43385	0,9072512	130,7623	98,59717	1022,434	297,6073	774,1324	119,7785	0	31,56593
02-02-2021	16:39:00	35,49398	34,36537	35,65577	29,98036	0,9136253	130,6605	98,19847	1030,444	297,0995	781,7217	117,7617	0	31,56622
02-02-2021	16:40:00	35,56041	34,40921	35,37421	29,54143	0,9060001	130,7655	98,23963	1028,061	300,8804	782,3978	119,635	0	31,56651
02-02-2021	16:41:00	35,69271	34,55738	34,97927	30,07377	0,9061975	130,7452	97,98105	1025,733	293,5327	779,7786	117,9623	0	31,56679
02-02-2021	16:42:00	35,23363	34,70586	35,23117	28,9704	0,9084628	130,8249	98,16571	1027,005	299,4747	780,2266	116,6947	0	31,56708
02-02-2021	16:43:00	35,41833	34,85163	35,71272	29,30087	0,9051828	131,0186	98,38115	1014,368	293,3237	772,3327	112,7404	0	31,56737
02-02-2021	16:44:00	35,68061	34,83288	35,34266	29,19757	0,9021291	131,2898	98,01756	1017,655	294,6356	772,1253	117,7672	0	31,56766
02-02-2021	16:45:00	35,23405	34,2756	35,30733	29,47892	0,9023335	131,5813	98,21507	1015,969	294,6754	771,9719	118,3013	0	31,56794
02-02-2021	16:46:00	35,19197	34,78987	35,84602	29,15412	0,9019025	131,9709	98,19873	1018,173	296,2542	772,8481	115,4559	0	31,56823
02-02-2021	16:47:00	35,24337	34,5622	35,42131	28,26798	0,9014716	132,1442	98,3326	1018,33	297,4405	773,0163	116,0249	0	31,56852
02-02-2021	16:48:00	35,36586	34,35687	35,55435	29,19195	0,9048511	131,7132	97,88955	1014,397	293,7002	769,3813	115,318	0	31,56881
02-02-2021	16:49:00	35,18847	34,37646	35,02422	29,37125	0,908652	131,584	97,69846	1016,082	294,4307	773,1389	116,6677	0	31,56909
02-02-2021	16:50:00	35,30114	34,52696	35,00759	28,98369	0,9113739	131,6303	98,01064	1016,727	289,9762	773,239	117,3773	0	31,56938
02-02-2021	16:51:00	35,03247	33,87919	34,99369	29,27975	0,9150553	131,637	98,23047	1015,08	291,5895	771,3311	119,6899	0	31,56967
02-02-2021	16:52:00	35,3385	34,11686	35,71048	29,85861	0,9192711	131,3009	98,16271	1020,718	298,1218	775,9053	115,049	0	31,56996
02-02-2021	16:53:00	35,65296	34,35452	35,04949	30,24047	0,9214873	131,1355	98,30809	1020,077	295,6265	773,1999	115,2074	0	31,57024
02-02-2021	16:54:00	35,64185	34,32588	35,14835	28,47578	0,913089	131,1158	98,05756	1014,858	291,4443	770,2053	113,0051	0	31,57053
02-02-2021	16:55:00	35,33026	34,50339	35,37924	28,96034	0,9174814	131,4635	98,0575	1014,864	294,0442	770,7672	118,2015	0	31,57082
02-02-2021	16:56:00	34,97084	34,6809	35,53998	30,15933	0,9093872	131,7462	98,34943	1012,153	293,2079	770,2661	115,8297	0	31,57111
02-02-2021	16:57:00	35,15934	34,63818	35,24496	30,0405	0,9035095	131,9104	98,16599	1012,411	295,2045	768,1561	115,1376	0	31,57139
02-02-2021	16:58:00	34,85633	34,44705	35,45446	30,03782	0,9081014	131,943	97,93289	1006,869	290,0439	765,4023	112,689	0	31,57168
02-02-2021	16:59:00	35,09343	34,25592	35,26017	29,6982	0,9168063	131,8867	98,22034	1007,273	288,2164	765,1384	114,7102	0	31,57197
02-02-2021	17:00:00	34,77144	34,40679	35,70937	29,18705	0,9157429	131,8305	98,00706	1004,828	290,0459	768,2665	117,0228	0	31,57225
02-02-2021	17:01:00	34,72951	34,372	35,68232	28,45475	0,919268	131,7742	98,1371	1015,346	290,5303	773,7584	113,2802	0	31,57254
02-02-2021	17:02:00	35,27715	34,30515	35,65528	28,70649	0,91675	131,4452	97,65054	1006,503	291,926	765,816	110,2523	0	31,57283
02-02-2021	17:03:00	35,21342	34,23601	34,86688	28,37234	0,9156721	130,7545	98,10033	1007,715	294,4363	767,2067	114,7406	0	31,57312
02-02-2021	17:04:00	35,91185	34,15698	35,12244	28,54009	0,9161275	131,2534	98,11455	1003,61	293,4615	767,5019	116,1615	0	31,5734
02-02-2021	17:05:00	35,22189	34,20507	34,94571	27,87734	0,9165828	130,9052	97,92599	989,0463	286,2979	766,5911	114,8827	0	31,57369
02-02-2021	17:06:00	34,79602	34,30966	34,93211	27,4861	0,9150773	130,962	97,28981	972,3148	284,3974	761,4538	115,1937	0	31,57398
02-02-2021	17:07:00	35,21394	34,39411	35,05138	26,15825	0,9118403	130,6296	96,45414	956,9915	276,5532	759,5719	113,0583	0	31,57427
02-02-2021	17:08:00	34,96515	34,23582	35,20773	25,53072	0,9086033	130,2972	95,4786	945,9672	274,6255	757,1931	115,4515	0	31,57455
02-02-2021	17:09:00	35,23884	34,07752	35,34096	26,12301	0,9146199	130,1538	94,38412	950,0585	271,0803	758,1428	113,0678	0	31,57484
02-02-2021	17:10:00	35,0081	34,33593	35,10266	26,32273	0,9119011	130,3659	94,59221	951,3416	273,4126	751,1816	111,8655	0	31,57513
02-02-2021	17:11:00	34,77736	34,41436	35,21328	26,26184	0,9091823	130,5532	93,93771	951,2576	276,4971	750,5048	113,0267	0	31,57542
02-02-2021	17:12:00	35,10659	34,17946	35,18865	26,05634	0,9064635	130,7405	94,07726	954,7781	272,5237	755,2954	115,3237	0	31,57571
02-02-2021	17:13:00	35,05564	34,19543	34,92453	26,42384	0,9037447	130,9379	94,05603	951,9816	272,7359	750,7811	113,0411	0	31,57599
02-02-2021	17:14:00	34,9609	34,39577	34,675	26,46461	0,9039389	131,1899	93,42491	958,1195	276,6298	755,7538	112,5989	0	31,57628
02-02-2021	17:15:00	35,13491	34,2547	34,81054	26,49573	0,9046141	131,4419	93,57587	955,2892	276,1306	754,5361	112,1942	0	31,57656
02-02-2021	17:16:00	34,65466	34,2933	34,94608	26,25865	0,9061169	131,6939	94,00544	962,1226	277,1108	759,7227	114,6608	0	31,57685
02-02-2021	17:17:00	35,04187	34,52542	35,08162	25,42225	0,9083124	131,8222	94,1348	962,8891	277,5901	759,3586	114,356	0	31,57714
02-02-2021	17:18:00	34,79871	34,39047	35,2252	26,37877	0,9105078	130,822	93,88915	960,2709	275,5724	756,8878	113,8533	0	31,57743
02-02-2021	17:19:00	35,04582	34,56778	35,40468	26,22601	0,9127033	128,8724	94,23489	962,763	278,9441	759,2397	115,7704	0	31,57771
02-02-2021	17:20:00	36,0386	35,28699	36,14253	25,47324	0,9122906	129,3601	94,3748	959,093	277,9559	759,7145	114,3694	0	31,578
02-02-2021	17:21:00	35,72535	35,29283	36,31789	25,67254	0,916186	129,7943	94,52763	960,6008	276,2774	758,2825	114,0912	0	31,57829
02-02-2021	17:22:00	35,35719	35,29867	35,97603	24,86939	0,9133074	129,4449	94,35416	957,9377	271,3039	758,0898	111,2401	0	31,57858
02-02-2021	17:23:00	34,59224	34,09151	34,99479	26,22789	0,9147798	130,6334	94,45247	956,0449	269,805	757,8199	115,6792	0	31,57887
02-02-2021	17:24:00	34,21898	34,02699	34,90361	25,72009	0,9178001	130,8721	94,77321	964,3676	274,8511				

Datos DCS 02-02-2021

225MW



	PRESION DE ENTRADA A FILTROS	TEMPERATURA COMBUSTIBLE	PRES VAPOR VIVO (1/2)	TEMPERATURA VAPOR AP	PRESION VAPOR AP -VOTO 1/2	FLUJO DE VAPOR AP	PRESION ARRIBA PALETAS AP	TEMP SUPERFICIE TUR AP (2/3)	PRESION CONDENSADOR	PRESION CONDENSADOR	PRESION CONDENSADOR	PRES VAP RECAL FRIO	TEMP VAPOR RECALENTADO FRIO	PRESION DE VAPOR IP
	1ASGZ_PT_015(bar)	1ATRE_FTQ(°C)	10GMA_PTX_010(bar)	10VVP_TT_012(°C)	1AFSR_PTX_003(bar)	1AFSR_FTV_005(t/h)	10GMA_PT_011(bar)	10GMA_TTX_011(°C)	10CVI_PIT_001A(mbar-A)	10CVI_PIT_001B(mbar-A)	10CVI_PIT_001C(mbar-A)	10GMA_PT_021(bar)	10VVP_TT_021(°C)	1AFRH_PT_004A(bar)
	bar	°C	bar	°C	bar	t/h	bar	°C	mbar-A	mbar-A	mbar-A	bar	°C	bar
PROMEDIO	31,5	41,2	72,1	563,6	73,3	199,8	69,3	531,6	59,8	48,6	41,5	21,2	395,4	21,5
DESV EST	0,0048	0,1873	0,0529	0,9651	0,0000	3,3498	1,2489	0,1677	0,0000	0,0000	0,0000	0,0112	0,3149	0,0374
%DESV EST	0,0152%	0,4549%	0,0734%	0,1713%	0,0000%	1,6766%	1,8033%	0,0315%	0,0000%	0,0000%	0,0000%	0,0529%	0,0796%	0,1736%
DATOS	61	61	61	61	61	61	61	61	61	61	61	61	61	61
DURACIÓN	1:00:00													

Fecha	Hora	1ASGZ_PT_015(bar)	1ATRE_FTQ(°C)	10GMA_PTX_010(bar)	10VVP_TT_012(°C)	1AFSR_PTX_003(bar)	1AFSR_FTV_005(t/h)	10GMA_PT_011(bar)	10GMA_TTX_011(°C)	10CVI_PIT_001A(mbar-A)	10CVI_PIT_001B(mbar-A)	10CVI_PIT_001C(mbar-A)	10GMA_PT_021(bar)	10VVP_TT_021(°C)	1AFRH_PT_004A(bar)
02-02-2021	16:30:00	31,50114	40,76759	71,99786	564,4996	73,28125	203,7169	70,67494	531,8995	59,8125	48,64063	41,50781	21,23817	395,9056	21,57665
02-02-2021	16:31:00	31,50141	40,7859	72,02312	564,5309	73,28125	203,17	70,52914	531,867	59,8125	48,64063	41,50781	21,23754	395,8878	21,57454
02-02-2021	16:32:00	31,50168	40,8042	72,04838	564,5623	73,28125	203,1748	70,30354	531,8345	59,8125	48,64063	41,50781	21,23691	395,8701	21,57244
02-02-2021	16:33:00	31,50195	40,82251	72,07363	564,5936	73,28125	202,8379	70,44484	531,802	59,8125	48,64063	41,50781	21,23628	395,8524	21,57034
02-02-2021	16:34:00	31,50222	40,84081	72,09889	564,6249	73,28125	202,6385	70,25751	531,7695	59,8125	48,64063	41,50781	21,23565	395,8347	21,56823
02-02-2021	16:35:00	31,50249	40,85911	72,12415	564,6563	73,28125	202,1772	70,12553	531,7371	59,8125	48,64063	41,50781	21,23501	395,8169	21,56613
02-02-2021	16:36:00	31,50276	40,87741	72,12523	564,6876	73,28125	202,1347	70,09115	531,7046	59,8125	48,64063	41,50781	21,23438	395,7992	21,56402
02-02-2021	16:37:00	31,50303	40,89572	72,12626	564,7189	73,28125	202,944	70,19698	531,6721	59,8125	48,64063	41,50781	21,23375	395,7814	21,56192
02-02-2021	16:38:00	31,5033	40,91402	72,1273	564,75	73,28125	201,9645	70,16697	531,6396	59,8125	48,64063	41,50781	21,23311	395,7637	21,55982
02-02-2021	16:39:00	31,50357	40,93232	72,12833	564,75	73,28125	201,8449	70,23039	531,6071	59,8125	48,64063	41,50781	21,23248	395,746	21,55771
02-02-2021	16:40:00	31,50384	40,95063	72,12936	564,75	73,28125	202,2434	70,17404	531,5746	59,8125	48,64063	41,50781	21,23185	395,7282	21,55561
02-02-2021	16:41:00	31,5041	40,96893	72,13039	564,75	73,28125	202,0704	70,1907	531,5422	59,8125	48,64063	41,50781	21,23122	395,7105	21,5535
02-02-2021	16:42:00	31,50437	40,98723	72,13142	564,75	73,28125	202,152	70,32745	531,5097	59,8125	48,64063	41,50781	21,23059	395,6927	21,5514
02-02-2021	16:43:00	31,50464	41,00554	72,13245	564,75	73,28125	202,2285	70,12058	531,4807	59,8125	48,64063	41,50781	21,22995	395,675	21,5493
02-02-2021	16:44:00	31,50491	41,02384	72,13348	564,75	73,28125	202,2762	70,05434	531,4898	59,8125	48,64063	41,50781	21,22932	395,6573	21,54719
02-02-2021	16:45:00	31,50518	41,04214	72,13451	564,75	73,28125	202,7352	70,01122	531,4988	59,8125	48,64063	41,50781	21,22869	395,6395	21,54509
02-02-2021	16:46:00	31,50545	41,06044	72,13555	564,75	73,28125	202,0348	70,18824	531,5079	59,8125	48,64063	41,50781	21,22806	395,6218	21,54298
02-02-2021	16:47:00	31,50572	41,07875	72,13658	564,75	73,28125	202,7521	70,27219	531,5169	59,8125	48,64063	41,50781	21,22742	395,6041	21,54088
02-02-2021	16:48:00	31,50599	41,09705	72,13761	564,75	73,28125	202,4504	70,16647	531,526	59,8125	48,64063	41,50781	21,22679	395,5863	21,53878
02-02-2021	16:49:00	31,50626	41,11535	72,13864	564,75	73,28125	202,5748	70,24248	531,535	59,8125	48,64063	41,50781	21,22616	395,5686	21,53667
02-02-2021	16:50:00	31,50653	41,13366	72,13968	564,6501	73,28125	202,2404	70,26073	531,5441	59,8125	48,64063	41,50781	21,22552	395,5509	21,53457
02-02-2021	16:51:00	31,5068	41,15196	72,14071	564,4901	73,28125	202,2503	70,1459	531,5532	59,8125	48,64063	41,50781	21,22489	395,5331	21,53246
02-02-2021	16:52:00	31,50707	41,16527	72,14174	564,3301	73,28125	201,9078	70,18051	531,5622	59,8125	48,64063	41,50781	21,22426	395,5154	21,53036
02-02-2021	16:53:00	31,50734	41,17267	72,14277	564,1702	73,28125	202,12893	70,3307	531,5712	59,8125	48,64063	41,50781	21,22363	395,4977	21,52826
02-02-2021	16:54:00	31,50761	41,18007	72,14381	564,0102	73,28125	202,1511	70,40382	531,5803	59,8125	48,64063	41,50781	21,223	395,4799	21,52615
02-02-2021	16:55:00	31,50788	41,18747	72,14484	563,8502	73,28125	202,374	70,24248	531,5894	59,8125	48,64063	41,50781	21,22236	395,4622	21,52405
02-02-2021	16:56:00	31,50815	41,19487	72,14587	563,6902	73,28125	202,6936	70,31892	531,5984	59,8125	48,64063	41,50781	21,22173	395,4444	21,52194
02-02-2021	16:57:00	31,50842	41,20227	72,1469	563,5303	73,28125	202,5656	70,24744	531,6074	59,8125	48,64063	41,50781	21,2211	395,4267	21,51984
02-02-2021	16:58:00	31,50869	41,20967	72,14793	563,3703	73,28125	203,0342	70,26608	531,6165	59,8125	48,64063	41,50781	21,22047	395,409	21,51774
02-02-2021	16:59:00	31,50896	41,21707	72,14896	563,2103	73,28125	201,7409	70,3741	531,6255	59,8125	48,64063	41,50781	21,21983	395,3912	21,51563
02-02-2021	17:00:00	31,50922	41,22447	72,14999	563,0504	73,28125	203,15	70,36073	531,6346	59,8125	48,64063	41,50781	21,2192	395,3735	21,51353
02-02-2021	17:01:00	31,50949	41,23187	72,14751	562,8904	73,28125	202,2088	70,42701	531,6437	59,8125	48,64063	41,50781	21,21857	395,3557	21,51142
02-02-2021	17:02:00	31,50976	41,23927	72,14282	562,7304	73,28125	202,4695	70,15691	531,6527	59,8125	48,64063	41,50781	21,21794	395,338	21,50932
02-02-2021	17:03:00	31,51003	41,24667	72,13812	562,5704	73,28125	202,8961	70,32707	531,6617	59,8125	48,64063	41,50781	21,2173	395,3203	21,50722
02-02-2021	17:04:00	31,5103	41,25407	72,13343	562,4105	73,28125	202,5015	70,20715	531,6708	59,8125	48,64063	41,50781	21,21667	395,3026	21,50511
02-02-2021	17:05:00	31,51057	41,26147	72,12873	562,2504	73,28125	202,1532	69,89026	531,6799	59,8125	48,64063	41,50781	21,21604	395,2848	21,50301
02-02-2021	17:06:00	31,51084	41,26887	72,12404	562,1353	73,28125	200,6555	69,45406	531,6889	59,8125	48,64063	41,50781	21,21541	395,2671	21,5009
02-02-2021	17:07:00	31,51111	41,27627	72,11935	562,1829	73,28125	198,4633	68,84917	531,6979	59,8125	48,64063	41,50781	21,21478	395,2493	21,4988
02-02-2021	17:08:00	31,51138	41,28367	72,11465	562,2305	73,28125	197,1514	68,31151	531,707	59,8125	48,64063	41,50781	21,21414	395,2316	21,49669
02-02-2021	17:09:00	31,51165	41,29107	72,10995	562,2781	73,28125	195,3172	67,76286	531,7161	59,8125	48,64063	41,50781	21,21351	395,2139	21,49459
02-02-2021	17:10:00	31,51192	41,29847	72,10526	562,3257	73,28125	194,9124	67,46929	531,7251	59,8125	48,64063	41,50781	21,21288	395,1961	21,49249
02-02-2021	17:11:00	31,51219	41,30587	72,10056	562,3733	73,28125	194,7581	67,29989	531,7342	59,8125	48,64063	41,50781	21,21224	395,1784	21,49038
02-02-2021	17:12:00	31,51246	41,31327	72,09586	562,4209	73,28125	194,2345	67,327	531,7432	59,8125	48,64063	41,50781	21,21161	395,1606	21,48828
02-02-2021	17:13:00	31,51273	41,32067	72,09117	562,4685	73,28125	194,8021	67,02197	531,7523	59,8125	48,64063	41,50781	21,21098	395,1429	21,48618
02-02-2021	17:14:00	31,513	41,32808	72,08647	562,5161	73,28125	194,3623	67,28161	531,7613	59,8125	48,64063	41,50781	21,21035	395,1252	21,48407
02-02-2021	17:15:00	31,51327	41,33548	72,08178	562,5637	73,28125	195,4227	67,42663	531,7704	59,8125	48,64063	41,50781	21,20971	395,1075	21,48197
02-02-2021	17:16:00	31,51354	41,34014	72,07708	562,6113	73,28125	195,4284	67,29655	531,7794	59,8125	48,64063	41,50781	21,20908	395,0897	21,47986
02-02-2021	17:17:00	31,51381	41,34475	72,07239	562,6589	73,28125	195,4392	67,4297	531,7885	59,8125	48,64063	41,50781	21,20845	395,072	21,47776
02-02-2021	17:18:00	31,51407	41,34935	72,06769	562,7065	73,28125	195,9262	67,58453	531,684	59,8125	48,64063	41,50781	21,20782	395,0542	21,47565
02-02-2021	17:19:00	31,51435	41,35396	72,063	562,7542	73,28125	195,6803	67,8275	531,6345	59,					

Datos DCS 02-02-2021 225MW



	PRESION DE VAPOR IP	TEMP DE VAPOR SOB CAL IP	FLUJO VAPOR TOTAL BYPASS IP	TEMP DE VAPOR IP	TEMP DE VAPOR IP	TEMP DE VAPOR IP	PRES VAP REGENERADO CAL (1/2)	TEMP VAPOR MP ENTRADA TURBINA	TEMP DE VAPOR BP -VOTO 1/2	TEMP DE VAPOR BP	TEMP DE VAPOR BP	PRESION VAPOR BP	PRESION VAPOR BP	PRESION VAPOR BP -VOTO 1/2	FLUJO DE VAPOR BP
	1AFRH_PT_004B(bar)	1AFRH TT_008(°C)	10GMP_UN_861(t/h)	1AFRH TT_005A(°C)	1AFRH TT_005B(°C)	1AFRH TT_005C(°C)	10GMA_PTX_030(bar)	10VVP TT_031(°C)	1AFBL_TTX_002(°C)	1AFBL TT_002A(°C)	1AFBL TT_002B(°C)	1AFBL_PT_003A(bar)	1AFBL_PT_003B(bar)	1AFBL_PTX_003(bar)	1AFBL_FTV_004(t/h)
	bar	°C	t/h	°C	°C	°C	bar	°C	°C	°C	°C	bar	bar	bar	t/h
PROMEDIO	20,6	285,5	235,9	564,3	564,4	559,7	20,3	558,6	288,1	287,5	287,8	3,1	3,6	3,5	35,0
DESV EST	0,0155	0,1757	4,1267	0,0000	0,0000	0,2723	0,0573	0,8314	0,1225	0,2535	0,0120	0,0134	0,0125	0,0062	1,7528
%DESV EST	0,0751%	0,0616%	1,7494%	0,0000%	0,0000%	0,0487%	0,2826%	0,1488%	0,0425%	0,0882%	0,0042%	0,4326%	0,3503%	0,1760%	5,0071%
DATOS	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
DURACIÓN	1:00:00														

Fecha	Hora	PRESION DE VAPOR IP	TEMP DE VAPOR SOB CAL IP	FLUJO VAPOR TOTAL BYPASS IP	TEMP DE VAPOR IP	TEMP DE VAPOR IP	TEMP DE VAPOR IP	PRES VAP REGENERADO CAL (1/2)	TEMP VAPOR MP ENTRADA TURBINA	TEMP DE VAPOR BP -VOTO 1/2	TEMP DE VAPOR BP	TEMP DE VAPOR BP	PRESION VAPOR BP	PRESION VAPOR BP	PRESION VAPOR BP -VOTO 1/2	FLUJO DE VAPOR BP
02-02-2021	16:30:00	20,6227	285,6917	240,4504	564,2578	564,375	560,1225	20,21452	560,028	288,2762	287,9315	287,7969	3,121035	3,566754	3,555187	36,03124
02-02-2021	16:31:00	20,62183	285,6847	240,2138	564,2578	564,375	560,1071	20,21864	559,9811	288,2693	287,9172	287,7969	3,12028	3,567378	3,554836	35,7526
02-02-2021	16:32:00	20,62096	285,6777	241,0081	564,2578	564,375	560,0918	20,22276	559,9343	288,2625	287,903	287,7969	3,119525	3,568002	3,554484	36,11235
02-02-2021	16:33:00	20,62008	285,6707	239,1996	564,2578	564,375	560,0765	20,22688	559,8875	288,2556	287,8887	287,7969	3,11877	3,568627	3,554132	36,58427
02-02-2021	16:34:00	20,61921	285,6636	240,0324	564,2578	564,375	560,0611	20,23101	559,8406	288,2487	287,8744	287,7969	3,118015	3,569252	3,553781	36,09783
02-02-2021	16:35:00	20,61834	285,6566	238,7506	564,2578	564,375	560,0458	20,23513	559,7938	288,2418	287,8601	287,7969	3,11726	3,569876	3,55343	36,66406
02-02-2021	16:36:00	20,61747	285,6496	239,2051	564,2578	564,375	560,0305	20,23925	559,747	288,2349	287,8459	287,7969	3,116505	3,570501	3,553078	36,49162
02-02-2021	16:37:00	20,6166	285,6425	239,5849	564,2578	564,375	560,0151	20,24337	559,7002	288,228	287,8316	287,7969	3,11575	3,571125	3,552727	36,07409
02-02-2021	16:38:00	20,61573	285,6355	239,2301	564,2578	564,375	559,9998	20,24609	559,6533	288,2211	287,8173	287,7969	3,114995	3,571749	3,552375	36,04687
02-02-2021	16:39:00	20,61485	285,6285	239,358	564,2578	564,375	559,9844	20,24574	559,6065	288,2142	287,803	287,7969	3,11424	3,572373	3,552024	35,99669
02-02-2021	16:40:00	20,61398	285,6215	239,4743	564,2578	564,375	559,9691	20,24538	559,5597	288,2072	287,7887	287,7969	3,113485	3,572997	3,551672	36,58009
02-02-2021	16:41:00	20,61311	285,6145	238,5889	564,2578	564,375	559,9537	20,24503	559,5128	288,2003	287,7744	287,7969	3,11273	3,573621	3,551321	36,61015
02-02-2021	16:42:00	20,61224	285,6075	238,5416	564,2578	564,375	559,9384	20,24467	559,466	288,1935	287,7602	287,7969	3,111975	3,574245	3,550969	36,36996
02-02-2021	16:43:00	20,61137	285,6004	239,3168	564,2578	564,375	559,923	20,24432	559,4192	288,1866	287,7459	287,7969	3,11122	3,574869	3,550618	36,4421
02-02-2021	16:44:00	20,6105	285,5934	238,741	564,2578	564,375	559,9077	20,24396	559,3723	288,1797	287,7316	287,7969	3,110465	3,575493	3,550267	36,68286
02-02-2021	16:45:00	20,60962	285,5864	238,6749	564,2578	564,375	559,8924	20,24361	559,3255	288,1728	287,7173	287,7969	3,10971	3,576117	3,549915	36,5331
02-02-2021	16:46:00	20,60875	285,5793	239,2242	564,2578	564,375	559,877	20,24325	559,2787	288,1659	287,7031	287,7969	3,108955	3,576741	3,549564	36,28616
02-02-2021	16:47:00	20,60788	285,5723	239,0045	564,2578	564,375	559,8617	20,2429	559,2319	288,159	287,6888	287,7969	3,1082	3,577365	3,549212	36,29464
02-02-2021	16:48:00	20,60701	285,5653	238,6105	564,2578	564,375	559,8464	20,24255	559,185	288,1521	287,6745	287,7969	3,107445	3,577989	3,548861	36,27868
02-02-2021	16:49:00	20,60614	285,5583	238,0354	564,2578	564,375	559,831	20,24219	559,1382	288,1452	287,6602	287,7969	3,10669	3,578613	3,548509	36,78902
02-02-2021	16:50:00	20,60527	285,5512	238,8895	564,2578	564,375	559,8157	20,24184	559,0914	288,1383	287,6459	287,7969	3,105935	3,579237	3,548157	36,61409
02-02-2021	16:51:00	20,60439	285,5442	239,0556	564,2578	564,375	559,8004	20,24148	559,0445	288,1314	287,6317	287,7969	3,10518	3,579861	3,547806	36,36787
02-02-2021	16:52:00	20,60352	285,5372	238,651	564,2578	564,375	559,785	20,24113	558,9977	288,1245	287,6174	287,7969	3,104425	3,580485	3,547455	36,3822
02-02-2021	16:53:00	20,60265	285,5302	238,4939	564,2578	564,375	559,7697	20,24077	558,9509	288,1176	287,6031	287,7969	3,10367	3,581109	3,547104	36,24824
02-02-2021	16:54:00	20,60178	285,5232	238,9397	564,2578	564,375	559,7543	20,24042	558,904	288,1107	287,5888	287,7969	3,102915	3,581733	3,546752	36,33787
02-02-2021	16:55:00	20,60091	285,5161	238,8771	564,2578	564,375	559,739	20,24006	558,8572	288,1038	287,5746	287,7969	3,10216	3,582357	3,546401	36,36781
02-02-2021	16:56:00	20,60004	285,5091	238,2541	564,2578	564,375	559,7236	20,23971	558,8104	288,0969	287,5603	287,7969	3,101405	3,582981	3,546049	36,88158
02-02-2021	16:57:00	20,59916	285,5021	237,9765	564,2578	564,375	559,7083	20,23936	558,7635	288,09	287,546	287,7969	3,10065	3,583605	3,545697	36,26973
02-02-2021	16:58:00	20,59829	285,4951	239,3244	564,2578	564,375	559,6929	20,239	558,7167	288,0831	287,5317	287,7969	3,099895	3,584231	3,545346	36,32439
02-02-2021	16:59:00	20,59742	285,488	239,3066	564,2578	564,375	559,6776	20,23865	558,6699	288,0762	287,5174	287,7969	3,09914	3,584855	3,544994	36,42732
02-02-2021	17:00:00	20,59655	285,481	239,6746	564,2578	564,375	559,6623	20,23829	558,623	288,0693	287,5031	287,7969	3,098385	3,58548	3,544643	36,84716
02-02-2021	17:01:00	20,59568	285,474	239,5903	564,2578	564,375	559,6469	20,23794	558,5762	288,0624	287,4889	287,7969	3,09763	3,586064	3,544291	36,58788
02-02-2021	17:02:00	20,59481	285,4669	238,2693	564,2578	564,375	559,6316	20,23758	558,5294	288,0555	287,4746	287,7969	3,096875	3,586688	3,543939	36,55887
02-02-2021	17:03:00	20,59394	285,4599	239,2882	564,2578	564,375	559,6163	20,23722	558,4825	288,0486	287,4603	287,7969	3,09612	3,587312	3,543588	36,15145
02-02-2021	17:04:00	20,59306	285,4529	239,3251	564,2578	564,375	559,6009	20,23686	558,4357	288,0417	287,446	287,7969	3,095365	3,587936	3,543237	36,26548
02-02-2021	17:05:00	20,59219	285,4459	238,199	564,2578	564,375	559,5856	20,2365	558,3889	288,0348	287,4318	287,7969	3,09461	3,588560	3,542886	36,20992
02-02-2021	17:06:00	20,59132	285,4388	237,7448	564,2578	564,375	559,5703	20,23614	558,342	288,0279	287,4175	287,7969	3,093855	3,589184	3,542534	35,67701
02-02-2021	17:07:00	20,59045	285,4318	236,3098	564,2578	564,375	559,5549	20,23578	558,2952	288,021	287,4032	287,7969	3,0931	3,589808	3,542182	35,02785
02-02-2021	17:08:00	20,58958	285,4248	234,3544	564,2578	564,375	559,5396	20,23542	558,2484	288,0141	287,3889	287,7969	3,092345	3,590432	3,541831	34,33973
02-02-2021	17:09:00	20,58871	285,4178	232,0241	564,2578	564,375	559,5242	20,23506	558,2015	288,0072	287,3746	287,7969	3,09159	3,591056	3,54148	33,49187
02-02-2021	17:10:00	20,58784	285,4108	231,3556	564,2578	564,375	559,5089	20,2347	558,1547	288,0003	287,3604	287,7969	3,090835	3,591680	3,541128	33,21171
02-02-2021	17:11:00	20,58696	285,4037	229,3921	564,2578	564,375	559,4935	20,23434	558,1078	287,9934	287,3461	287,7969	3,09008	3,592304	3,540777	33,39013
02-02-2021	17:12:00	20,58609	285,3967	229,7196	564,2578	564,375	559,4782	20,23398	558,061	287,9865	287,3318	287,7969	3,089325	3,592928	3,540425	33,44149
02-02-2021	17:13:00	20,58522	285,3897	229,5146	564,2578	564,375	559,4628	20,23362	558,0142	287,9796	287,3175	287,7969	3,08857	3,593552	3,540074	33,25333
02-02-2021	17:14:00	20,58435	285,3827	230,1563	564,2578	564,375	559,4475	20,23326	557,9674	287,9727	287,3033	287,7969	3,087815	3,594176	3,539722	32,72016
02-02-2021	17:15:00	20,58348	285,3756	229,0817	564,2578	564,375	559,4322	20,2329	557,9205	287,9658	287,289	287,7969	3,087055	3,594800	3,539371	32,26965
02-02-2021	17:16:00	20,5826	285,3686	229,31	564,2578	564,375	559,4168	20,23254	557,8737	287,95						

Datos DCS 02-02-2021

225MW

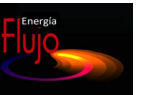


	PRES VAPOR BP (1/2)	TEMPERATURA VAPOR BP	TEMP ESCAPE TUR BP	TEMP VAP SELLO TUR VAPOR	PRES SIST VAP SELLO TUR VAP	TEMP EN EL POZO DEL CONDENSADOR	PRESION DESCARGA BBA-COND	TEMP DESCARGA BBA-COND	FLUJO CORRECTO DESCGA BBA-COND	PRESION CONDENSADOR	PRESION CONDENSADOR	PRESION CONDENSADOR	PRESION CONDENSADOR -VOTO 2/3
	10GMA_PTX_040(bar)	10VVP_TT_040(°C)	10GMA_TT_041(°C)	10CET_TT_001(°C)	10CET_PT_001(mbar)	10CEX_TT_002(°C)	10CEX_PIT_001(bar)	10CEX_TT_003(°C)	10CEX_FTV_080(t/h)	10CVI_PIT_001(mbar-A)	10CVI_PIT_001B(mbar-A)	10CVI_PIT_001C(mbar-A)	10CVI_PTX_001(mbar-A)
	bar	°C	°C	°C	mbar	°C	bar	°C	t/h	mbar-A	mbar-A	mbar-A	mbar-A
PROMEDIO	3,2	288,5	36,3	199,7	29,9	36,2	21,3	36,1	278,5	59,8	48,6	41,5	49,7
DESV EST	0,0149	0,1005	0,1543	0,2629	0,2340	0,0469	0,0100	0,0430	4,7641	0,0000	0,0000	0,0000	0,0000
%DESV EST	0,4638%	0,0348%	0,4251%	0,1317%	0,7823%	0,1296%	0,0469%	0,1191%	1,7107%	0,0000%	0,0000%	0,0000%	0,0000%
DATOS	61	61	61	61	61	61	61	61	61	61	61	61	61
DURACIÓN	1:00:00												

Fecha	Hora	PRES VAPOR BP (1/2)	TEMPERATURA VAPOR BP	TEMP ESCAPE TUR BP	TEMP VAP SELLO TUR VAPOR	PRES SIST VAP SELLO TUR VAP	TEMP EN EL POZO DEL CONDENSADOR	PRESION DESCARGA BBA-COND	TEMP DESCARGA BBA-COND	FLUJO CORRECTO DESCGA BBA-COND	PRESION CONDENSADOR	PRESION CONDENSADOR	PRESION CONDENSADOR	PRESION CONDENSADOR -VOTO 2/3
02-02-2021	16:30:00	3,185853	288,6691	36,50647	199,0691	29,7374	36,19596	21,30683	36,04648	282,7957	59,8125	48,64063	41,50781	49,71484
02-02-2021	16:31:00	3,186293	288,6634	36,50546	199,0987	29,9431	36,19775	21,3074	36,05013	280,9959	59,8125	48,64063	41,50781	49,71484
02-02-2021	16:32:00	3,186734	288,6578	36,50446	199,1283	29,64441	36,19954	21,30797	36,05376	283,852	59,8125	48,64063	41,50781	49,71484
02-02-2021	16:33:00	3,187145	288,6521	36,50345	199,1579	29,65316	36,20133	21,30853	36,05741	283,1621	59,8125	48,64063	41,50781	49,71484
02-02-2021	16:34:00	3,18751	288,6465	36,50245	199,1875	29,87678	36,20312	21,3091	36,06105	280,6357	59,8125	48,64063	41,50781	49,71484
02-02-2021	16:35:00	3,187874	288,6408	36,50144	199,217	30,06797	36,20491	21,30967	36,06469	283,8111	59,8125	48,64063	41,50781	49,71484
02-02-2021	16:36:00	3,188239	288,6351	36,50043	199,2466	29,85295	36,2067	21,31024	36,06834	283,861	59,8125	48,64063	41,50781	49,71484
02-02-2021	16:37:00	3,188603	288,6295	36,49943	199,2762	29,57943	36,20849	21,3108	36,07198	280,8125	59,8125	48,64063	41,50781	49,71484
02-02-2021	16:38:00	3,188968	288,6238	36,48992	199,3058	29,86069	36,21028	21,31137	36,07562	283,3275	59,8125	48,64063	41,50781	49,71484
02-02-2021	16:39:00	3,189333	288,6181	36,47996	199,3354	29,85465	36,21207	21,31194	36,07927	282,8107	59,8125	48,64063	41,50781	49,71484
02-02-2021	16:40:00	3,189698	288,6125	36,4698	199,3649	29,83162	36,21386	21,3125	36,08291	279,0624	59,8125	48,64063	41,50781	49,71484
02-02-2021	16:41:00	3,190062	288,6068	36,45905	199,3945	29,8497	36,21564	21,31307	36,08655	281,025	59,8125	48,64063	41,50781	49,71484
02-02-2021	16:42:00	3,190427	288,6011	36,45008	199,4241	29,9978	36,21743	21,31364	36,09019	280,2995	59,8125	48,64063	41,50781	49,71484
02-02-2021	16:43:00	3,190791	288,5955	36,44113	199,4537	30,18804	36,21922	21,31421	36,09383	279,4759	59,8125	48,64063	41,50781	49,71484
02-02-2021	16:44:00	3,191156	288,5898	36,43217	199,4833	29,9415	36,22101	21,31477	36,09748	281,1641	59,8125	48,64063	41,50781	49,71484
02-02-2021	16:45:00	3,191521	288,5842	36,42321	199,5128	30,30674	36,2228	21,31534	36,10112	280,18	59,8125	48,64063	41,50781	49,71484
02-02-2021	16:46:00	3,191885	288,5785	36,41425	199,5424	30,12175	36,22459	21,31591	36,10476	284,224	59,8125	48,64063	41,50781	49,71484
02-02-2021	16:47:00	3,19225	288,5728	36,40529	199,572	30,05719	36,22638	21,31647	36,10841	280,5137	59,8125	48,64063	41,50781	49,71484
02-02-2021	16:48:00	3,192615	288,5672	36,39634	199,6016	29,88266	36,22816	21,31704	36,11205	282,0262	59,8125	48,64063	41,50781	49,71484
02-02-2021	16:49:00	3,192979	288,5615	36,38737	199,6312	29,94516	36,22995	21,31761	36,11569	283,3372	59,8125	48,64063	41,50781	49,71484
02-02-2021	16:50:00	3,193344	288,5558	36,37842	199,6608	30,05571	36,23174	21,31817	36,11933	279,539	59,8125	48,64063	41,50781	49,71484
02-02-2021	16:51:00	3,193708	288,5502	36,36946	199,6903	30,0537	36,23353	21,31874	36,12297	283,4196	59,8125	48,64063	41,50781	49,71484
02-02-2021	16:52:00	3,194073	288,5445	36,3605	199,7199	29,87909	36,23532	21,31931	36,12662	282,439	59,8125	48,64063	41,50781	49,71484
02-02-2021	16:53:00	3,194438	288,5388	36,35154	199,7495	29,84834	36,23711	21,31988	36,13026	278,6381	59,8125	48,64063	41,50781	49,71484
02-02-2021	16:54:00	3,194803	288,5332	36,34258	199,7791	29,7849	36,2389	21,32044	36,1339	280,93	59,8125	48,64063	41,50781	49,71484
02-02-2021	16:55:00	3,195167	288,5275	36,33363	199,8086	30,04803	36,24068	21,32101	36,13755	282,1666	59,8125	48,64063	41,50781	49,71484
02-02-2021	16:56:00	3,195532	288,5219	36,32467	199,8382	30,00527	36,24247	21,32158	36,14119	280,7313	59,8125	48,64063	41,50781	49,71484
02-02-2021	16:57:00	3,195896	288,5162	36,31571	199,8678	29,75703	36,24426	21,32214	36,14483	281,8471	59,8125	48,64063	41,50781	49,71484
02-02-2021	16:58:00	3,196261	288,5105	36,30675	199,8974	29,86603	36,24605	21,32271	36,14848	282,1395	59,8125	48,64063	41,50781	49,71484
02-02-2021	16:59:00	3,196626	288,5049	36,29779	199,927	30,0297	36,24784	21,32328	36,15211	283,8252	59,8125	48,64063	41,50781	49,71484
02-02-2021	17:00:00	3,196991	288,4992	36,28883	199,9565	29,72441	36,24963	21,32384	36,15576	286,1245	59,8125	48,64063	41,50781	49,71484
02-02-2021	17:01:00	3,200998	288,4936	36,27987	199,9861	30,1368	36,24554	21,32441	36,1594	284,4582	59,8125	48,64063	41,50781	49,71484
02-02-2021	17:02:00	3,202342	288,4879	36,27091	199,9943	29,85198	36,23991	21,32498	36,15569	282,8478	59,8125	48,64063	41,50781	49,71484
02-02-2021	17:03:00	3,203687	288,4822	36,26196	199,9836	30,09249	36,23428	21,32555	36,15006	283,6107	59,8125	48,64063	41,50781	49,71484
02-02-2021	17:04:00	3,205032	288,4766	36,253	199,9729	30,0334	36,22865	21,32611	36,14443	278,9972	59,8125	48,64063	41,50781	49,71484
02-02-2021	17:05:00	3,206377	288,4709	36,24404	199,9623	29,79849	36,22301	21,32668	36,1388	278,9777	59,8125	48,64063	41,50781	49,71484
02-02-2021	17:06:00	3,207722	288,4652	36,23508	199,9516	29,74093	36,21738	21,32725	36,13317	282,6966	59,8125	48,64063	41,50781	49,71484
02-02-2021	17:07:00	3,209067	288,4596	36,22612	199,9409	29,42665	36,21175	21,32781	36,12754	273,9859	59,8125	48,64063	41,50781	49,71484
02-02-2021	17:08:00	3,210411	288,4539	36,21716	199,9302	29,6778	36,20612	21,32838	36,12191	272,9889	59,8125	48,64063	41,50781	49,71484
02-02-2021	17:09:00	3,211756	288,4482	36,2082	199,9195	29,48711	36,20049	21,32895	36,11628	270,3319	59,8125	48,64063	41,50781	49,71484
02-02-2021	17:10:00	3,213101	288,4426	36,19925	199,9088	29,87582	36,19487	21,32952	36,11065	270,4506	59,8125	48,64063	41,50781	49,71484
02-02-2021	17:11:00	3,214446	288,4369	36,19028	199,8981	29,60246	36,18924	21,33008	36,10502	271,9928	59,8125	48,64063	41,50781	49,71484
02-02-2021	17:12:00	3,215791	288,4313	36,18133	199,8874	29,1624	36,18361	21,33065	36,09939	275,838	59,8125	48,64063	41,50781	49,71484
02-02-2021	17:13:00	3,217136	288,4256	36,17237	199,8768	29,94998	36,17797	21,33122	36,09376	279,0667	59,8125	48,64063	41,50781	49,71484
02-02-2021	17:14:00	3,218481	288,42	36,16341	199,8661	29,84967	36,17234	21,33178	36,08813	276,1794	59,8125	48,64063	41,50781	49,71484
02-02-2021	17:15:00	3,219826	288,4143	36,15445	199,8554	30,21066	36,16671	21,33235	36,0825	274,8159	59,8125	48,64063	41,50781	49,71484
02-02-2021	17:16:00	3,221171	288,4086	36,14549	199,8447	30,1203	36,16108	21,33292	36,07687	272,2541	59,8125	48,64063	41,50781	49,71484
02-02-2021	17:17:00	3,222516	288,403	36,13654	199,834	29,9059	36,15545	21,33348	36,07124	271,079	59,8125	48,64063	41,50781	49,71484
02-02-2021	17:18:00	3,22386	288,3973	36,12757	199,8233	30,07058	36,14982	21,33405	36,06561	270,6875	59,8125	48,64063	41,50781	49,71484
02-02-2021	17:19:00	3,225205	288,3916	36,11862	199,8126	30,04205	36,14419	21,33462	36,05998	272,9185	59,8125	48,64063	41,50781	49,71484
02-02-2021	17:20:00	3,22655	288,386	36,10966	199,8019	29,41619	36,13857	21,33519	36,05435	269,9323	59,8125	48,64063	41,50781	49,71484
02-02-2021	17:21:00	3,227894	288,3803	36,1007	199,7912	29,67248	36,13293	21,33575	36,04872	273,784	59,8125	48,64063	41,50781	49,71484
02-02-2021	17:22:00	3,229239	288,3746	36,09174	199,7805	29,94657	36,1273	21,33632	36,04309	275,2083	59,8125	48,64063	41,50781	49,71484
02-02-2021	17:23:00	3,229536	288,369	36,08278	199,7699	29,9789								

Datos DCS 02-02-2021

225MW

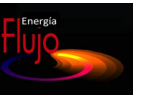


	FLUJO AGUA ADIC NOR COND	AGUA DE ALIM AP PRES DE DESCARGA	TEMP DE AGUA ALIM AP	FLUJO AGUA DE ALIM AP	FLUJO AGUA ATEMP AP	PRESION AGUA DE ALIM IP	TEMP AGUA DE ALIM IP	FLUJO AGUA DE ALIM IP	FLUJO AGUA ATEMP IP	FLUJO AGUA ATEMPERAMIENTO AP	FLUJO DE AGUA IP ATEMPERAMIENTO	FLUJO AGUA ATEMPERAMIENTO BP	FLUJO MASICO COMB LIQUIDO
	10CEX_FT_051(t/h)	1AAPH_PIT_001(bar)	1AFSR TT_001(°C)	1AFSR_FTV_001(t/h)	1AFSR_FTV_002(t/h)	1AFRH_PT_001(bar)	1AFRH TT_001(°C)	1AFRH_FTV_001(t/h)	1AFRH_FTV_004(t/h)	10GHP_FT_001(t/h)	10GMP_FT_001(t/h)	10GBP_FT_001(t/h)	1ATRE_FQ1M1(kg/s)
	t/h	bar	°C	t/h	t/h	bar	°C	t/h	t/h	t/h	t/h	t/h	kg/s
PROMEDIO	10,3	162,8	123,9	192,2	3,1	88,1	121,2	34,6	3,5	0,2	0,4	0,0	9,6
DESDEV EST	0,2990	0,6033	0,0780	4,5274	0,8552	0,3705	0,0270	1,1480	0,4529	0,1087	0,1094	0,0000	0,0886
%DESDEV EST	2,8980%	0,3706%	0,0629%	2,3554%	27,3813%	0,4207%	0,0223%	3,3165%	12,9511%	49,9295%	28,1432%	0,0000%	0,9189%
DATOS	61	61	61	61	61	61	61	61	61	61	61	61	61
DURACIÓN	1:00:00												

Fecha	Hora	FLUJO AGUA ADIC NOR COND	AGUA DE ALIM AP PRES DE DESCARGA	TEMP DE AGUA ALIM AP	FLUJO AGUA DE ALIM AP	FLUJO AGUA ATEMP AP	PRESION AGUA DE ALIM IP	TEMP AGUA DE ALIM IP	FLUJO AGUA DE ALIM IP	FLUJO AGUA ATEMP IP	FLUJO AGUA ATEMPERAMIENTO AP	FLUJO DE AGUA IP ATEMPERAMIENTO	FLUJO AGUA ATEMPERAMIENTO BP	FLUJO MASICO COMB LIQUIDO
02-02-2021	16:30:00	9,879022	162,0297	124,0541	196,2514	2,662687	87,71406	121,2186	34,30951	3,506794	0,4107526	0,4863281	0,00234375	9,716283
02-02-2021	16:31:00	9,900285	162,8551	124,0497	195,2581	2,541883	87,91872	121,2196	34,25538	3,120777	0,392478	0,4863281	0,00234375	9,713716
02-02-2021	16:32:00	10,55708	162,6217	124,0453	197,7773	2,423733	87,62476	121,2207	34,48705	3,201684	0,1651561	0,4863281	0,00234375	9,71249
02-02-2021	16:33:00	9,936168	161,871	124,0409	197,7957	2,333329	87,44657	121,2217	34,35354	3,118639	0,1608697	0,4863281	0,00234375	9,711265
02-02-2021	16:34:00	10,26563	162,3165	124,0365	196,3165	2,34172	87,79153	121,2227	35,10902	3,460713	0,4503101	0,4863281	0,00234375	9,710038
02-02-2021	16:35:00	10,55502	161,965	124,0321	196,7613	2,24313	87,51306	121,2238	35,1028	3,565937	0,3604278	0,4863281	0,00234375	9,708813
02-02-2021	16:36:00	9,924572	162,0407	124,0277	194,3196	2,241499	87,50671	121,2248	35,66312	3,647402	0,2705455	0,4863281	0,00234375	9,707587
02-02-2021	16:37:00	9,886794	162,248	124,0233	194,3821	2,286992	87,68778	121,2259	35,24123	3,669171	0,2942695	0,4863281	0,00234375	9,706362
02-02-2021	16:38:00	10,50865	162,1882	124,019	196,196	2,240756	87,72519	121,2269	34,60543	3,669171	0,1246027	0,4863281	0,00234375	9,705135
02-02-2021	16:39:00	10,54529	161,9534	124,0146	194,2468	2,476469	87,53419	121,2279	34,89986	3,450996	0,1226926	0,4863281	0,00234375	9,70391
02-02-2021	16:40:00	9,887408	161,9318	124,0102	194,8736	2,481264	87,591	121,229	34,68102	3,12878	0,1207824	0,4863281	0,00234375	9,702684
02-02-2021	16:41:00	10,03893	161,666	124,0058	196,1768	2,452335	87,59185	121,223	34,38864	3,12878	0,1188722	0,4863281	0,00234375	9,701459
02-02-2021	16:42:00	9,988345	161,8917	124,0014	193,8208	2,383109	87,65298	121,2311	34,52317	3,12878	0,1169621	0,4863281	0,00234375	9,700233
02-02-2021	16:43:00	9,946363	162,733	123,997	194,1868	2,448353	88,17661	121,2321	34,79863	3,12878	0,1150519	0,4863281	0,00234375	9,699007
02-02-2021	16:44:00	9,921688	162,0171	123,9926	195,9814	2,483388	87,82721	121,2331	35,037	3,12878	0,3168172	0,4863281	0,00234375	9,697782
02-02-2021	16:45:00	10,53257	162,3602	123,9882	195,3146	2,5071	87,91306	121,2342	35,12172	3,12878	0,1715371	0,4863281	0,00234375	9,696556
02-02-2021	16:46:00	10,53069	162,3497	123,9838	197,5193	2,467936	87,92976	121,2352	35,70505	3,12878	0,02625695	0,4863281	0,00234375	9,695331
02-02-2021	16:47:00	10,52888	163,3078	123,9794	193,2993	2,408942	88,33594	121,2363	36,0865	3,12878	0,3692296	0,4863281	0,00234375	9,694105
02-02-2021	16:48:00	9,828826	162,8586	123,975	197,0894	2,528605	87,84532	121,2373	36,03368	3,12878	0,2571929	0,4863281	0,00234375	9,692879
02-02-2021	16:49:00	9,833111	162,5327	123,9706	195,1719	2,614069	88,12612	121,2383	35,64025	3,12878	0,1833284	0,4863281	0,00234375	9,691653
02-02-2021	16:50:00	10,57818	162,9783	123,9662	194,6806	2,624664	88,23311	121,2394	35,3977	3,12878	0,2048078	0,4863281	0,00234375	9,690428
02-02-2021	16:51:00	10,55386	162,6615	123,9618	198,0285	2,561019	88,06198	121,2404	34,86127	3,12878	0,2262872	0,4863281	0,00234375	9,689202
02-02-2021	16:52:00	9,913201	162,7588	123,9574	194,9893	2,491268	88,21595	121,2415	34,6722	3,12878	0,2477666	0,4863281	0,00234375	9,687977
02-02-2021	16:53:00	10,49771	162,6613	123,9531	193,3893	2,541304	87,95982	121,2425	34,84389	3,12878	0,269246	0,4863281	0,00234375	9,68675
02-02-2021	16:54:00	10,49961	162,8562	123,9487	195,4773	2,46859	87,92679	121,2435	35,36958	3,12878	0,2907254	0,4863281	0,00234375	9,68552
02-02-2021	16:55:00	10,5015	162,8766	123,9443	194,316	2,543186	88,02253	121,2446	35,48888	3,12878	0,3122048	0,4863281	0,00234375	9,684055
02-02-2021	16:56:00	9,896873	162,8357	123,9399	195,0787	2,498342	88,13268	121,2456	35,75652	3,12878	0,2909185	0,4863281	0,00234375	9,682829
02-02-2021	16:57:00	10,44029	162,7082	123,9355	195,5094	2,66708	87,95993	121,2467	35,94477	3,12878	0,3158844	0,4863281	0,00234375	9,681124
02-02-2021	16:58:00	10,54176	163,087	123,9311	194,2012	2,65593	87,95299	121,2477	36,18929	3,601371	0,3571277	0,4863281	0,00234375	9,679659
02-02-2021	16:59:00	10,49897	162,8584	123,9267	196,3735	2,7579	88,02307	121,2487	36,49501	3,63068	0,3976172	0,4863281	0,00234375	9,678193
02-02-2021	17:00:00	9,870903	162,3795	123,9223	195,405	3,174927	87,49934	121,2497	36,60757	3,661712	0,2939074	0,6812338	0,00234375	9,676727
02-02-2021	17:01:00	10,49885	162,249	123,9179	194,386	2,814428	87,49286	121,2474	36,53338	3,560122	0,2669107	0,28125	0,00234375	9,675262
02-02-2021	17:02:00	10,51424	162,7576	123,9135	196,9029	2,636652	88,00054	121,2442	35,83741	3,152789	0,2126541	0,28125	0,00234375	9,673797
02-02-2021	17:03:00	10,52963	162,5866	123,9091	196,6198	2,592178	88,03469	121,2409	35,34991	3,152789	0,1583974	0,28125	0,00234375	9,672331
02-02-2021	17:04:00	10,54502	162,4572	123,9047	182,2878	2,62091	88,18564	121,2377	35,26509	3,152789	0,1041407	0,28125	0,00234375	9,670866
02-02-2021	17:05:00	9,895547	162,7943	123,9003	194,5085	2,518186	88,09735	121,2345	35,47388	3,249748	0,04988406	0,28125	0,00234375	9,6694
02-02-2021	17:06:00	9,963957	163,0584	123,8959	194,1068	2,437149	87,97251	121,2312	35,39578	3,773503	0,3725032	0,28125	0,00234375	9,667934
02-02-2021	17:07:00	10,57439	163,8284	123,8915	188,6134	2,54892	88,60414	121,228	35,47086	3,382578	0,09997253	0,28125	0,00234375	9,66647
02-02-2021	17:08:00	10,57286	164,1061	123,8872	188,8263	2,87179	88,7504	121,2247	35,59793	3,158887	0,1191325	0,28125	0,00234375	9,665004
02-02-2021	17:09:00	10,57134	164,2104	123,8828	184,2878	3,165043	88,95258	121,2215	35,22656	3,345795	0,1382925	0,28125	0,00234375	9,663538
02-02-2021	17:10:00	10,56981	164,2477	123,8784	181,9875	3,491466	88,90961	121,2183	34,9857	3,234719	0,1574524	0,28125	0,00234375	9,662073
02-02-2021	17:11:00	10,56828	164,2609	123,874	187,1458	3,491133	88,92867	121,215	34,49584	2,846186	0,03746867	0,28125	0,00234375	9,660607
02-02-2021	17:12:00	10,56676	162,9243	123,8696	194,097	3,594058	88,38195	121,2118	34,37054	2,889708	0,105441	0,28125	0,00234375	9,659142
02-02-2021	17:13:00	9,919442	163,3322	123,8652	192,6812	3,587679	88,19785	121,2085	33,4217	3,322042	0,2802193	0,28125	0,00234375	9,657677
02-02-2021	17:14:00	9,962786	162,4917	123,8608	192,8759	3,814154	88,10066	121,2053	33,23842	3,396689	0,3514506	0,28125	0,00234375	9,656211
02-02-2021	17:15:00	10,57001	163,3009	123,8564	191,0898	3,915389	88,31048	121,202	33,41124	3,42033	0,3581552	0,28125	0,00234375	9,654745
02-02-2021	17:16:00	10,55147	162,9208	123,852	187,3847	4,105487	88,46132	121,1988	33,26466	3,754494	0,3648599	0,28125	0,00234375	9,653279
02-02-2021	17:17:00	10,53294	163,5141	123,8476	184,0629	4,220398	88,59539	121,1956	33,64314	3,636384	0,3715646	0,28125	0,00234375	9,651814
02-02-2021	17:18:00	10,5144	163,4074	123,8432	186,2757	4,365256	88,43004	121,1923	33,3306	4,138617	0,1719266	0,28125	0,00234375	9,649696
02-02-2021	17:19:00	10,49586	163,0461	123,8388	184,1724	4,384721	88,25944	121,1891	33,66271	3,943178	0,1790083	0,28125	0,00234375	9,648196
02-02-2021	17:20:00	10,47733	163,5825	123,8344	185,4208	4,390139	88,52173	121,1858	33,49922	4,225255	0,18609	0,28125	0,00234375	9,646796
02-02-2021	17:21:00	9,957274	162,7513	123,83	186,8459	4,474172	88,17033	121,1826	33,79011	4,190432	0,1931717	0,28125	0,00234375	9,645397
02-02-2021	17:22:00	10,50244	162,336	123,8256	185,									

Datos DCS 02-02-2021

225MW

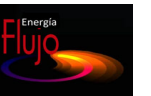


	NIVEL DEL DOMO AP -VOTO 2/3	TEMP DEL DOMO AP	NIVEL DEL DOMO IP -VOTO 2/3	PRESION DEL DOMO IP -VOTO 1/2	TEMP DEL DOMO IP	NIVEL DEL DOMO BP -VOTO 2/3	TEMP DEL DOMO BP	PRESION DEL DOMO BP -VOTO 1/2	TEMP DESCARGA BBA-AENF	TEMPERATURA EXTERNA 1/2 COND 2	TEMPERATURA EXTERNA 1/2 COND 1
	1AFSR_LTX_001(mm)	1AFSR_TT_002(°C)	1AFRH_LTX_001(mm)	1AFRH_PTX_002(bar)	1AFRH_TT_002(°C)	1AFBL_LTX_001(mm)	1AFBL_TT_001(°C)	1AFBL_PTX_001(bar)	10CRF_TT_001(°C)	10CRF_TT_202(°C)	10CRF_TT_201(°C)
	mm	°C	mm	bar	°C	mm	°C	bar	°C	°C	°C
PROMEDIO	-1,2	293,0	-103,3	21,7	215,1	-101,4	140,4	3,4	23,0	27,7	30,3
DESV EST	0,9467	0,3194	24,1144	0,0660	0,4288	36,0248	0,0000	0,0264	0,0710	0,1384	0,1616
%DESV EST	-76,0820%	0,1090%	-23,3355%	0,3039%	0,1994%	-35,5176%	0,0000%	0,7721%	0,3088%	0,4992%	0,5337%
DATOS	61	61	61	61	61	61	61	61	61	61	61
DURACIÓN	1:00:00										

Fecha	Hora	NIVEL DEL DOMO AP -VOTO 2/3	TEMP DEL DOMO AP	NIVEL DEL DOMO IP -VOTO 2/3	PRESION DEL DOMO IP -VOTO 1/2	TEMP DEL DOMO IP	NIVEL DEL DOMO BP -VOTO 2/3	TEMP DEL DOMO BP	PRESION DEL DOMO BP -VOTO 1/2	TEMP DESCARGA BBA-AENF	TEMPERATURA EXTERNA 1/2 COND 2	TEMPERATURA EXTERNA 1/2 COND 1
02-02-2021	16:30:00	-1,535179	293,4899	-66,20358	21,81802	215,7818	-57,65874	140,4297	3,467135	22,83773	27,86218	30,44017
02-02-2021	16:31:00	-1,957534	293,4748	-69,8551	21,8143	215,7577	-39,32646	140,4297	3,465647	22,84329	27,86556	30,44429
02-02-2021	16:32:00	-2,37989	293,4597	-83,85794	21,81059	215,7335	-54,61874	140,4297	3,464158	22,84885	27,86894	30,44841
02-02-2021	16:33:00	-2,802245	293,4447	-94,12988	21,80687	215,7094	-63,14745	140,4297	3,462669	22,85441	27,87231	30,45252
02-02-2021	16:34:00	-3,224601	293,4296	-122,8157	21,80316	215,6852	-60,9039	140,4297	3,461181	22,85997	27,87569	30,45664
02-02-2021	16:35:00	-3,456195	293,4146	-110,461	21,79944	215,661	-46,92218	140,4297	3,459692	22,86553	27,87906	30,46076
02-02-2021	16:36:00	-3,265069	293,3995	-123,7994	21,79572	215,6369	-42,51695	140,4297	3,458204	22,87109	27,88244	30,46488
02-02-2021	16:37:00	-3,073945	293,3844	-121,0609	21,79201	215,6127	-42,83118	140,4297	3,456716	22,87666	27,88582	30,46899
02-02-2021	16:38:00	-2,882819	293,3694	-97,97144	21,7883	215,5886	-27,45873	140,4297	3,455227	22,88222	27,88919	30,47311
02-02-2021	16:39:00	-2,691694	293,3543	-99,66733	21,78458	215,5644	-56,30331	140,4297	3,453739	22,88778	27,89257	30,47723
02-02-2021	16:40:00	-2,500569	293,3393	-84,9889	21,78086	215,5403	-69,69082	140,4297	3,45225	22,89334	27,89594	30,48135
02-02-2021	16:41:00	-2,309444	293,3242	-90,33868	21,77715	215,5161	-58,878	140,4297	3,450762	22,8989	27,89932	30,48546
02-02-2021	16:42:00	-2,118319	293,3091	-97,4722	21,77343	215,492	-66,99743	140,4297	3,449273	22,90446	27,89296	30,48958
02-02-2021	16:43:00	-1,927194	293,2941	-105,5842	21,76972	215,4678	-67,6439	140,4297	3,447785	22,91002	27,88413	30,4937
02-02-2021	16:44:00	-1,736069	293,279	-116,1838	21,766	215,4436	-68,91893	140,4297	3,446296	22,91558	27,87531	30,48595
02-02-2021	16:45:00	-1,544944	293,2639	-124,206	21,76229	215,4195	-71,39756	140,4297	3,444808	22,92114	27,86648	30,47519
02-02-2021	16:46:00	-1,353819	293,2489	-129,1181	21,75857	215,3953	-67,8689	140,4297	3,443319	22,9267	27,85766	30,46443
02-02-2021	16:47:00	-1,162694	293,2338	-145,1124	21,75486	215,3712	-65,5843	140,4297	3,441831	22,93226	27,84883	30,45367
02-02-2021	16:48:00	-0,9715686	293,2188	-146,3976	21,75114	215,347	-71,65549	140,4297	3,440342	22,93783	27,84	30,44291
02-02-2021	16:49:00	-0,7804435	293,2037	-129,0686	21,74743	215,3229	-84,03341	140,4297	3,438854	22,94339	27,83118	30,43215
02-02-2021	16:50:00	-0,5893185	293,1886	-110,0639	21,74371	215,2987	-88,34034	140,4297	3,437365	22,94895	27,82235	30,42139
02-02-2021	16:51:00	-0,3981934	293,1736	-98,40446	21,73999	215,2746	-85,85285	140,4297	3,435877	22,95451	27,81353	30,41063
02-02-2021	16:52:00	-0,2070683	293,1585	-88,38249	21,73628	215,2504	-84,04438	140,4297	3,434388	22,96007	27,8047	30,39988
02-02-2021	16:53:00	-0,0159432	293,1434	-110,3312	21,73256	215,2263	-81,05226	140,4297	3,4329	22,96563	27,79587	30,38912
02-02-2021	16:54:00	0,1751819	293,1284	-123,2529	21,72885	215,2021	-83,99754	140,4297	3,431411	22,97119	27,78705	30,37836
02-02-2021	16:55:00	0,366307	293,1133	-122,9756	21,72513	215,1779	-87,54234	140,4297	3,429923	22,97675	27,77822	30,3676
02-02-2021	16:56:00	0,4165667	293,0982	-125,5512	21,72142	215,1538	-85,39446	140,4297	3,428434	22,98231	27,7694	30,35684
02-02-2021	16:57:00	0,3041027	293,0832	-142,4337	21,7177	215,1296	-91,47234	140,4297	3,426946	22,98787	27,76057	30,34608
02-02-2021	16:58:00	0,1916387	293,0681	-139,1974	21,71399	215,1055	-94,54934	140,4297	3,425457	22,99343	27,75175	30,33532
02-02-2021	16:59:00	0,07917467	293,053	-152,4904	21,71027	215,0813	-100,5707	140,4297	3,423969	22,999	27,74292	30,32456
02-02-2021	17:00:00	-0,03328934	293,038	-140,3904	21,70656	215,0572	-104,7379	140,4297	3,422481	23,00456	27,73409	30,31381
02-02-2021	17:01:00	-0,1457534	293,0229	-121,3637	21,70284	215,033	-110,9616	140,4297	3,420993	23,01012	27,72527	30,30305
02-02-2021	17:02:00	-0,2582174	293,0079	-109,5781	21,69913	215,0089	-111,7359	140,4297	3,419503	23,01568	27,71644	30,29229
02-02-2021	17:03:00	-0,3706814	292,9928	-95,95349	21,69541	214,9847	-108,7969	140,4297	3,418015	23,02124	27,70761	30,28153
02-02-2021	17:04:00	-0,4831454	292,9777	-105,1916	21,69169	214,9605	-107,6801	140,4297	3,416527	23,0268	27,69879	30,27077
02-02-2021	17:05:00	-0,5956094	292,9627	-102,5087	21,68798	214,9364	-113,5513	140,4297	3,415038	23,03236	27,68996	30,26001
02-02-2021	17:06:00	-0,7080734	292,9476	-110,5431	21,68426	214,9122	-119,9836	140,4297	3,41355	23,03792	27,68114	30,24925
02-02-2021	17:07:00	-0,8205374	292,9326	-117,1797	21,68055	214,8881	-124,6467	140,4297	3,412061	23,04348	27,67231	30,23849
02-02-2021	17:08:00	-0,9330015	292,9175	-122,4507	21,67683	214,8639	-123,1027	140,4297	3,410573	23,04905	27,66348	30,22774
02-02-2021	17:09:00	-1,022188	292,9024	-108,7089	21,67312	214,8398	-130,7829	140,4297	3,409084	23,05461	27,65466	30,21698
02-02-2021	17:10:00	-1,046922	292,8874	-100,659	21,6694	214,8156	-138,8696	140,4297	3,407596	23,06017	27,64583	30,20622
02-02-2021	17:11:00	-1,071656	292,8723	-75,27258	21,66569	214,7915	-144,2468	140,4297	3,406107	23,06573	27,63701	30,19546
02-02-2021	17:12:00	-1,09639	292,8572	-62,3353	21,66197	214,7673	-147,1846	140,4297	3,404619	23,07129	27,62818	30,1847
02-02-2021	17:13:00	-1,121124	292,8422	-59,26917	21,65826	214,7431	-150,1935	140,4297	3,40313	23,07685	27,61936	30,17394
02-02-2021	17:14:00	-1,145859	292,8271	-72,20111	21,65454	214,719	-148,6568	140,4297	3,401642	23,08241	27,61053	30,16318
02-02-2021	17:15:00	-1,170593	292,812	-81,32843	21,65083	214,6948	-145,5413	140,4297	3,400153	23,0781	27,6017	30,15242
02-02-2021	17:16:00	-1,195327	292,797	-95,24213	21,64711	214,6707	-147,5255	140,4297	3,398665	23,07111	27,59288	30,14166
02-02-2021	17:17:00	-1,220061	292,7819	-99,60382	21,64339	214,6465	-149,0329	140,4297	3,397176	23,06411	27,58405	30,13091
02-02-2021	17:18:00	-1,244795	292,7668	-123,7032	21,63968	214,6224	-145,0897	140,4297	3,395688	23,05712	27,57523	30,12015
02-02-2021	17:19:00	-1,269529	292,7518	-130,2603	21,63596	214,5982	-135,6117	140,4297	3,394199	23,05013	27,5664	30,10939
02-02-2021	17:20:00	-1,294263	292,7367	-112,4697	21,63225	214,5741	-127,6456	140,4297	3,392711	23,04314	27,55757	30,09863
02-02-2021	17:21:00	-1,318998	292,7216	-103,7404	21,62853	214,5499	-147,895	140,4297	3,391222	23,03615	27,54875	30,08787
02-02-2021	17:22:00	-1,343732	292,7066	-101,8998	21,62482	214,5257	-146,5696	140,4297	3,389734	23,02916	27,53992	30,07711
02-02-2021	17:23:00	-1,368466	292,6915	-73,69617	21,6211	214,5016	-140,4965	140,4297	3,388245	23,02217	27,5311	30,06635
02-02-2021	17:24:00	-1,3932	292,6765	-61,58609	21,61739	214,4774	-132,4331	140,4297	3,386757	23,01518	27,52227	30,05559
02-02-2021	17:25:00	-1,417934	292,6614	-70,71576	21,61367	214,4533	-135,3688	140,4297	3,385268	23,00819	27,51344	30,04483
02-02-2021	17:26:00	-1,442668	292,6464	-58,30072	21,60995	214,4291	-140,8557	140,4297	3,38378	23,0012	27,50462	30,03407
02-02-2021	17:27:00	-1,467402	292,4388	-72,65604	21,60624	214,405	-139,4795	140,4297	3,382292	22,99421	27,49579	30,02332
02-02-2021	17:28:00	-1,492136	292,316	-77,59695	21,60253	214,3808	-134,9901	140,4297	3,380803	22,98722	27,48697	30,01256
02-02-2021	17:29:00	-1,516871	292,1932	-78,53275	21,59881	214,3567	-132,1111	140,4297	3,379314	22,98023	27,47814	30,0018
02-02-2021	17:30:00	-1,541605	292,0704	-87,28587	21,59509	214,3325	-134,1491	140,4297	3,377826	22,97324	27,46931	29,99104

Datos DCS 02-02-2021

195MW

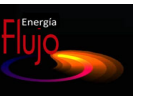


	ENT COMPRES TERMOC 1A	ENT COMPRES TERMOC 1B	ENT COMPRES TERMOC 2A	PRESION ENTRADA COMPRESOR 96	FACTOR DE POTENCIA CALCULADO	WATT MAXIMO GEN SELECCIONADO	MEDC CARGA GEN TUR (1/2)	CORRIENTE EXCIT GEN EX2K	VOLTAJE EXCIT GEN EX2K	EXCITACION CORRIENTE	EXCITACION VOLTAJE	FLUJO COMBUSTIBLE	PRESION DE ENTRADA A TURBINA GAS
	1ATRE_CTIF1A(°C)	1ATRE_CTIF1B(°C)	1ATRE_CTIF2A(°C)	1ATRE_AFPCS(mm.H2O)	1ATRE_DP()	1ATRE_DWATT(MW)	10GGE_SNX_001(MW)	1ATRE_EX2K_FLD_A(A)	1ATRE_EX2K_FLD_V(V)	10GEX_II_001(A)	10GEX_EI_001(V)	1ATRE_FQG(kg/s)	1ASGZ_PT_019(bar)
	°C	°C	°C	mm.H2O		MW	MW	A	V	A	V	kg/s	bar
PROMEDIO	40,0	39,3	41,3	25,6	0,9	108,1	92,4	918,8	262,5	738,0	111,7	#DIV/0!	31,6
DESV EST	0,4322	0,4643	0,4739	0,5066	0,0062	0,1433	3,1626	25,9896	8,8202	15,0680	2,5280	#DIV/0!	0,0030
%DESV EST	1,0807%	1,1802%	1,1485%	1,9801%	0,6891%	0,1326%	3,4243%	2,8286%	3,3605%	2,0418%	2,2638%	#DIV/0!	0,0096%
DATOS	61	61	61	61	61	61	61	61	61	60	61	0	61
DURACIÓN	1:00:00	PROM-PROM	40,2										

Fecha	Hora	ENT COMPRES TERMOC 1A	ENT COMPRES TERMOC 1B	ENT COMPRES TERMOC 2A	PRESION ENTRADA COMPRESOR 96	FACTOR DE POTENCIA CALCULADO	WATT MAXIMO GEN SELECCIONADO	MEDC CARGA GEN TUR (1/2)	CORRIENTE EXCIT GEN EX2K	VOLTAJE EXCIT GEN EX2K	EXCITACION CORRIENTE	EXCITACION VOLTAJE	FLUJO COMBUSTIBLE	PRESION DE ENTRADA A TURBINA GAS
02-02-2021	18:00:00	40,76337	40,01072	41,53014	26,03574	0,8929584	108,1059	94,7865	940,1703	270,5972	749,9948	115,85 0	31,58626	
02-02-2021	18:01:00	40,45997	39,77971	41,79352	26,2365	0,9024687	108,083	94,67638	943,4331	271,2237	748,2065	113,7311 0	31,58643	
02-02-2021	18:02:00	40,45903	39,61845	41,81345	25,70919	0,9015339	108,0601	94,4991	943,3842	271,5105	750,8903	110,5798 0	31,5866	
02-02-2021	18:03:00	40,4581	39,75935	41,83338	25,89189	0,8953581	108,0372	94,62897	942,797	270,2712	750,222	111,5132 0	31,58677	
02-02-2021	18:04:00	40,03712	39,90025	41,81804	26,00318	0,895972	108,0144	94,72259	942,3804	269,7456	751,4999	114,9778 0	31,58694	
02-02-2021	18:05:00	40,44556	40,04115	41,86242	25,20159	0,8995466	107,9915	94,61576	940,8288	272,114	747,9861	114,3395 0	31,58711	
02-02-2021	18:06:00	40,58274	40,18206	41,95758	25,97053	0,901269	107,9686	94,48522	941,6927	269,72 750	747,9861	112,487 0	31,58728	
02-02-2021	18:07:00	40,63602	39,76122	41,99816	25,80006	0,8896322	107,9457	94,85316	940,9343	271,3197	752,037	116,3141 0	31,58745	
02-02-2021	18:08:00	39,70781	40,10873	41,99655	25,66105	0,9007094	107,9318	94,68377	939,2317	265,75	748,6359	115,0625 0	31,58762	
02-02-2021	18:09:00	40,88516	39,88057	41,99495	25,10413	0,896421	107,9387	94,89903	944,0646	268,919	750,5342	115,5587 0	31,58779	
02-02-2021	18:10:00	40,52515	39,656	41,99334	25,5487	0,9005454	107,9457	95,16431	940,8776	268,1544	749,1535	109,0632 0	31,58796	
02-02-2021	18:11:00	39,99722	39,65495	42,14788	25,18657	0,900297	107,9526	94,82178	940,7463	270,2885	749,2667	115,9947 0	31,58813	
02-02-2021	18:12:00	40,3483	39,65389	42,00729	25,77963	0,9052732	107,9596	94,61585	938,9182	269,6642	748,8693	112,288 0	31,5883	
02-02-2021	18:13:00	40,06776	40,08172	41,8667	26,0427	0,9045466	107,9666	94,85815	940,2416	273,7672	751,1013	112,0552 0	31,58847	
02-02-2021	18:14:00	40,54521	39,5426	41,7261	26,54504	0,897281	107,9735	95,08386	941,2404	266,746	750,1439	112,0837 0	31,58865	
02-02-2021	18:15:00	40,79059	39,61257	41,5855	25,52531	0,9002808	107,9805	94,65903	941,8866	268,9158	750,8057	113,8998 0	31,58882	
02-02-2021	18:16:00	40,64221	39,68254	41,40129	26,00817	0,9070809	107,9874	94,55827	940,5617	269,4353	748,3795	113,6044 0	31,58899	
02-02-2021	18:17:00	40,4412	39,75251	41,55341	25,33003	0,9065134	107,9944	94,87302	940,3348	273,5145	752,187	113,0282 0	31,58916	
02-02-2021	18:18:00	40,46899	39,74536	41,72765	26,04846	0,9001248	108,0013	94,78171	940,1326	266,4515	747,4237	115,249 0	31,58933	
02-02-2021	18:19:00	40,46716	39,7371	41,66315	25,69366	0,8934228	108,0083	95,15792	938,5019	267,0404	749,6792	113,4546 0	31,5895	
02-02-2021	18:20:00	40,41016	39,72883	41,74625	25,95842	0,9029725	108,0153	94,53025	936,2706	264,6639	747,2081	112,7692 0	31,58967	
02-02-2021	18:21:00	40,5294	39,63011	41,05679	25,45481	0,8956934	108,0222	94,56686	936,1107	268,1118	748,2353	113,5131 0	31,58984	
02-02-2021	18:22:00	40,36413	39,53698	41,11545	26,04246	0,9014445	108,0292	94,27293	929,972	269,3699	744,4046	111,8402 0	31,59001	
02-02-2021	18:23:00	40,19886	39,70399	41,35995	26,54118	0,8922223	108,0361	94,31258	947,5038	272,003	755,0262	110,4687 0	31,59018	
02-02-2021	18:24:00	39,62424	39,42595	41,34519	26,11244	0,9082531	108,0431	94,63078	946,4501	270,49	752,7846	112,8604 0	31,59035	
02-02-2021	18:25:00	39,92565	39,68577	41,42809	25,86068	0,8890652	108,05	94,22857	941,1932	268,6681	748,1353	113,9583 0	31,59052	
02-02-2021	18:26:00	39,84213	39,74799	41,47983	25,88681	0,8945434	108,057	94,38871	941,6967	270,9526	749,8724	108,113 0	31,59069	
02-02-2021	18:27:00	39,86988	39,69639	41,30424	25,45232	0,901984	108,0639	94,87953	941,6196	271,8748	751,0833	112,8032 0	31,59086	
02-02-2021	18:28:00	39,92382	39,17104	40,96577	25,68327	0,9024024	108,0709	94,84722	942,6345	270,3416	750,1356	111,6085 0	31,59103	
02-02-2021	18:29:00	40,00756	39,4803	41,05283	25,95965	0,8964497	108,0779	94,90049	942,9259	274,3915	750,4399	110,1651 0	31,59121	
02-02-2021	18:30:00	39,76992	39,14424	41,50341	25,71191	0,8965769	108,0848	94,91356	937,1971	270,0688	748,0118	112,2186 0	31,59138	
02-02-2021	18:31:00	39,75039	38,88336	41,28157	26,05479	0,8981376	108,0918	95,08307	939,9896	266,9453	749,1971	114,0961 0	31,59155	
02-02-2021	18:32:00	39,77584	38,81507	41,25647	26,22013	0,9018548	108,1029	94,90456	939,3042	269,0096	747,4617	112,026 0	31,59172	
02-02-2021	18:33:00	39,69316	38,81507	41,23137	26,43315	0,9121971	108,1156	94,82218	936,8028	268,9216	748,6072	114,1085 0	31,59189	
02-02-2021	18:34:00	39,73922	38,82232	41,20627	24,99093	0,9080298	108,1283	94,81341	934,5909	266,2885	748,9222	111,4397 0	31,59206	
02-02-2021	18:35:00	39,94898	39,62944	41,1584	25,15257	0,9068568	108,1411	94,48848	920,8108	261,3416	745,1478	108,858 0	31,59223	
02-02-2021	18:36:00	39,85794	39,15262	41,07869	24,73974	0,9095312	108,1538	93,89254	904,2816	258,4812	741,2459	109,952 0	31,5924	
02-02-2021	18:37:00	39,8429	39,1208	40,99897	24,67377	0,9082222	108,1665	93,26023	887,7766	253,0157	743,0314	115,2819 0	31,59257	
02-02-2021	18:38:00	39,88402	39,1897	40,91926	24,50998	0,9077758	108,1792	92,68418	887,5913	251,513	734,2365	109,9318 0	31,59274	
02-02-2021	18:39:00	39,92514	39,23043	40,83955	24,74985	0,9088706	108,192	92,21516	887,2205	252,9111	735,144	109,987 0	31,59291	
02-02-2021	18:40:00	39,743	39,11229	40,86485	25,85147	0,9065198	108,2047	91,34755	889,7197	252,4121	735,6675	111,9981 0	31,59308	
02-02-2021	18:41:00	39,55374	39,00075	41,01306	25,93134	0,8957527	108,2174	90,43266	885,5327	251,342	730,2562	112,0339 0	31,59325	
02-02-2021	18:42:00	40,23657	39,15215	40,96341	26,27732	0,8995686	108,2302	89,73758	887,9772	254,0709	728,3159	111,7833 0	31,59342	
02-02-2021	18:43:00	39,94041	39,02444	40,90835	25,22339	0,9097601	108,2429	89,30248	884,7387	248,3873	722,4397	111,6865 0	31,5936	
02-02-2021	18:44:00	39,73639	39,21087	40,86533	24,97291	0,9004155	108,2556	89,25323	884,8257	252,5888	721,3453	108,0308 0	31,59377	
02-02-2021	18:45:00	39,61292	39,17043	40,85782	25,33421	0,9075683	108,2684	88,23981	893,2284	253,2853	718,7925	110,4489 0	31,59394	
02-02-2021	18:46:00	39,98974	39,09932	40,81766	24,46032	0,9099863	108,2811	88,14937	888,0926	251,3011	717,414	108,2754 0	31,59411	
02-02-2021	18:47:00	39,94217	39,16644	40,87457	25,21941	0,906635	108,2938	87,74194	891,0139	257,1005	718,4746	111,1051 0	31,59428	
02-02-2021	18:48:00	39,94111	38,84571	40,76948	24,96325	0,8955693	108,3065	87,33487	886,5773	251,8673	712,4142	111,9266 0	31,59445	
02-02-2021	18:49:00	39,51492	39,20189	40,8942	25,1686	0,8911895	108,3193	87,40311	886,5083	251,4289	715,1584	111,5017 0	31,59462	
02-02-2021	18:50:00	39,61197	38,59159	40,82723	25,30096	0,907908	108,332	87,81334	884,1703	249,1734	716,3992	111,4475 0	31,59479	
02-02-2021	18:51:00	39,65026	39,07547	40,58427	24,89079	0,9130301	108,3447	87,51596	894,407	255,1652	717,1646	108,6847 0	31,59496	
02-02-2021	18:52:00	39,79323	38,54388	40,6506	24,8281	0,9092916	108,3575	88,02283	893,563	253,5911	719,093	108,9738 0	31,59513	
02-02-2021	18:53:00	39,53957	38,87078	40,96147	25,52548	0,8943979	108,3702	87,40565	890,9257	253,2847	716,7869	108,2013 0	31,5953	
02-02-2021	18:54:00	39,21626	39,02455	40,8963	25,66404	0,9106731	108,3829	87,15137	891,8615	256,1957	718,4109	103,9781 0	31,59547	
02-02-2021	18:55:00	39,49144	38,91513	40,25951	25,29305	0,9095855	108,3957	87,17572	890,0002	255,6796	714,7687	111,6412 0	31,59564	
02-02-2021	18:56:00	3												

Datos DCS 02-02-2021

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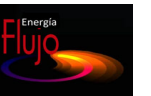


	PRESION DE ENTRADA A FILTROS	TEMPERATURA COMBUSTIBLE	PRES VAPOR VIVO (1/2)	TEMPERATURA VAPOR AP	PRESION VAPOR AP -VOTO 1/2	FLUJO DE VAPOR AP	PRESION ARRIBA PALETAS AP	TEMP SUPERFICIE TUR AP (2/3)	PRESION CONDENSADOR	PRESION CONDENSADOR	PRESION CONDENSADOR	PRES VAP RECAL FRIO	TEMP VAPOR RECALENTADO FRIO	PRESION DE VAPOR IP
	1ASGZ_PT_015(bar)	1ATRE_FTG(°C)	10GMA_PTX_010(bar)	10VVP_TT_012(°C)	1AFSR_PTX_003(bar)	1AFSR_FTV_005(t/h)	10GMA_PT_011(bar)	10GMA_TTX_011(°C)	10CVI_PIT_001A(mbar-A)	10CVI_PIT_001B(mbar-A)	10CVI_PIT_001C(mbar-A)	10GMA_PT_021(bar)	10VVP_TT_021(°C)	1AFRH_PT_004A(bar)
	bar	°C	bar	°C	bar	t/h	bar	°C	mbar-A	mbar-A	mbar-A	bar	°C	bar
PROMEDIO	31,5	41,7	66,9	560,8	68,3	192,0	66,4	529,7	58,2	47,6	39,2	19,8	393,6	20,0
DESV EST	0,0080	0,0755	0,0998	0,1789	0,2564	5,8683	2,1298	0,0771	1,1939	1,1621	0,0000	0,0964	0,5483	0,1003
%DESV EST	0,0253%	0,1810%	0,1492%	0,0319%	0,3753%	3,0559%	3,2066%	0,0146%	2,0522%	2,4406%	0,0000%	0,4866%	0,1393%	0,5007%
DATOS	61	61	61	61	61	61	61	61	61	61	61	61	61	61
DURACIÓN	1:00:00													

Fecha	Hora	1ASGZ_PT_015(bar)	1ATRE_FTG(°C)	10GMA_PTX_010(bar)	10VVP_TT_012(°C)	1AFSR_PTX_003(bar)	1AFSR_FTV_005(t/h)	10GMA_PT_011(bar)	10GMA_TTX_011(°C)	10CVI_PIT_001A(mbar-A)	10CVI_PIT_001B(mbar-A)	10CVI_PIT_001C(mbar-A)	10GMA_PT_021(bar)	10VVP_TT_021(°C)	1AFRH_PT_004A(bar)
02-02-2021	18:00:00	31,53038	41,80951	67,12162	560,5547	68,74297	196,9698	68,19548	529,85	59,8125	48,64063	39,1875	19,96418	394,3093	20,20086
02-02-2021	18:01:00	31,53083	41,82658	67,10777	560,5658	68,72852	196,216	67,97208	529,8391	59,8125	48,64063	39,1875	19,95875	394,2916	20,19521
02-02-2021	18:02:00	31,53128	41,84364	67,09447	560,5768	68,71407	196,5255	67,76964	529,8282	59,8125	48,64063	39,1875	19,95332	394,2738	20,18956
02-02-2021	18:03:00	31,53173	41,83731	67,08118	560,5879	68,69963	197,0484	68,0108	529,8172	59,8125	48,64063	39,1875	19,94789	394,2561	20,18391
02-02-2021	18:04:00	31,53218	41,82719	67,06789	560,599	68,68519	196,6564	68,01929	529,8063	59,8125	48,64063	39,1875	19,94247	394,2383	20,17826
02-02-2021	18:05:00	31,53263	41,81707	67,0546	560,61	68,67075	197,0461	67,89471	529,7953	59,8125	48,64063	39,1875	19,93704	394,2206	20,17261
02-02-2021	18:06:00	31,53308	41,80695	67,04131	560,6212	68,6563	196,5803	68,10683	529,7844	59,8125	48,64063	39,1875	19,93161	394,2029	20,16696
02-02-2021	18:07:00	31,53353	41,79683	67,02802	560,6368	68,64186	196,6477	68,05302	529,7734	59,8125	48,64063	39,1875	19,92618	394,1851	20,16131
02-02-2021	18:08:00	31,53398	41,78671	67,01472	560,6548	68,62742	196,5301	67,92542	529,7625	59,8125	48,64063	39,1875	19,92076	394,1674	20,15566
02-02-2021	18:09:00	31,53443	41,77659	67,00143	560,6729	68,61298	197,1309	67,9151	529,7515	59,8125	48,64063	39,1875	19,91533	394,1497	20,15001
02-02-2021	18:10:00	31,53487	41,76647	66,98814	560,6909	68,59853	196,2813	67,82731	529,7406	59,8125	48,64063	39,1875	19,9099	394,1319	20,14436
02-02-2021	18:11:00	31,53532	41,75635	66,97484	560,709	68,58409	196,9022	67,88221	529,7296	59,8125	48,64063	39,1875	19,90447	394,1142	20,13871
02-02-2021	18:12:00	31,53577	41,74623	66,96155	560,7271	68,56965	197,0473	68,04881	529,7187	59,8125	48,64063	39,1875	19,89905	394,0964	20,13306
02-02-2021	18:13:00	31,53622	41,73611	66,94826	560,7451	68,55521	196,1995	67,9987	529,7078	59,8125	48,64063	39,1875	19,89362	394,0787	20,12741
02-02-2021	18:14:00	31,53667	41,72599	66,93497	560,7632	68,54076	196,4375	68,12071	529,6968	59,8125	48,64063	39,1875	19,88819	394,061	20,12176
02-02-2021	18:15:00	31,53712	41,71587	66,92167	560,7813	68,52632	196,7951	68,03826	529,6859	59,8125	48,64063	39,1875	19,88276	394,0432	20,11611
02-02-2021	18:16:00	31,53757	41,70575	66,90838	560,7993	68,51188	196,4102	68,19863	529,6749	59,8125	48,64063	39,1875	19,87734	394,0255	20,11046
02-02-2021	18:17:00	31,53802	41,69563	66,89509	560,8174	68,49744	196,5035	68,29645	529,6639	59,8125	48,64063	39,1875	19,87191	394,0078	20,10481
02-02-2021	18:18:00	31,53847	41,68551	66,88179	560,8354	68,48299	196,0695	68,16383	529,653	59,8125	48,64063	39,1875	19,86648	393,99	20,09916
02-02-2021	18:19:00	31,53892	41,6754	66,8685	560,8535	68,46855	196,7083	68,15517	529,642	59,8125	48,64063	39,1875	19,86106	393,9723	20,09351
02-02-2021	18:20:00	31,53937	41,66528	66,85521	560,8715	68,45411	196,5941	68,13545	529,6311	59,8125	48,64063	39,1875	19,85563	393,9546	20,08786
02-02-2021	18:21:00	31,53981	41,65516	66,84191	560,8896	68,43967	195,8816	68,09946	529,6202	57,32031	48,64063	39,1875	19,8502	393,9368	20,08221
02-02-2021	18:22:00	31,54026	41,64503	66,82862	560,9077	68,42522	195,9115	67,98559	529,6092	57,32031	48,64063	39,1875	19,84477	393,9191	20,07656
02-02-2021	18:23:00	31,54071	41,63492	66,81533	560,9257	68,41078	196,1256	68,12526	529,5983	57,32031	48,64063	39,1875	19,83935	393,9013	20,07091
02-02-2021	18:24:00	31,54116	41,6248	66,80203	560,9438	68,39634	196,4547	68,0302	529,5873	57,32031	48,64063	39,1875	19,83392	393,8836	20,06526
02-02-2021	18:25:00	31,54161	41,61468	66,78927	560,9619	68,3819	196,1446	68,14758	529,5764	57,32031	48,64063	39,1875	19,82849	393,8659	20,05961
02-02-2021	18:26:00	31,54206	41,60456	66,77652	560,9799	68,36745	196,231	68,03454	529,5654	57,32031	48,64063	39,1875	19,82306	393,8481	20,05396
02-02-2021	18:27:00	31,54251	41,59444	66,76323	560,9979	68,35301	196,7149	68,22662	529,5545	57,32031	48,64063	39,1875	19,81764	393,8304	20,04831
02-02-2021	18:28:00	31,54296	41,58432	66,75052	561,016	68,33857	196,5162	68,1231	529,5436	57,32031	48,64063	39,1875	19,81221	393,8127	20,04266
02-02-2021	18:29:00	31,54341	41,57420	66,73783	561,0341	68,32413	197,0388	68,19807	529,5327	57,32031	48,64063	39,1875	19,80678	393,7950	20,03701
02-02-2021	18:30:00	31,54386	41,56408	66,72513	561,0521	68,30968	196,2249	68,17017	529,5218	57,32031	48,64063	39,1875	19,80135	393,7773	20,03136
02-02-2021	18:31:00	31,54431	41,55396	66,71243	561,0702	68,29524	196,631	68,11607	529,5109	57,32031	48,64063	39,1875	19,79593	393,7596	20,02571
02-02-2021	18:32:00	31,54476	41,54384	66,70013	561,0883	68,2808	196,7317	68,23201	529,5000	57,32031	48,64063	39,1875	19,79050	393,7419	20,02006
02-02-2021	18:33:00	31,54521	41,53372	66,68783	561,1063	68,26635	196,3283	67,85232	529,4891	57,32031	48,64063	39,1875	19,78507	393,7242	20,01441
02-02-2021	18:34:00	31,54566	41,52360	66,67553	561,1244	68,25191	196,204	67,97028	529,4782	57,32031	46,32031	39,1875	19,77964	393,7065	20,00876
02-02-2021	18:35:00	31,54611	41,51348	66,66323	561,1424	68,23746	196,0347	67,83012	529,4673	57,32031	46,32031	39,1875	19,77421	393,6888	20,00311
02-02-2021	18:36:00	31,54656	41,50336	66,65093	561,1604	68,22302	194,1866	67,07953	529,4564	57,32031	46,32031	39,1875	19,76878	393,6711	19,99746
02-02-2021	18:37:00	31,54701	41,49324	66,63863	561,1784	68,20858	193,3011	66,73063	529,4455	57,32031	46,32031	39,1875	19,76335	393,6534	19,99181
02-02-2021	18:38:00	31,54746	41,48312	66,62633	561,1964	68,19414	191,7867	66,285	529,4346	57,32031	46,32031	39,1875	19,75792	393,6357	19,98616
02-02-2021	18:39:00	31,54791	41,47300	66,61403	561,2144	68,1797	190,5543	65,96465	529,4237	57,32031	46,32031	39,1875	19,75249	393,6180	19,98051
02-02-2021	18:40:00	31,54836	41,46288	66,60173	561,2324	68,16525	189,1871	65,44311	529,4128	57,32031	46,32031	39,1875	19,74706	393,6003	19,97486
02-02-2021	18:41:00	31,54881	41,45276	66,58943	560,9947	68,15081	187,7903	64,80714	529,4019	57,32031	46,32031	39,1875	19,74163	393,5826	19,96921
02-02-2021	18:42:00	31,54926	41,44264	66,57713	560,9708	68,13637	187,1251	64,47337	529,3910	57,32031	46,32031	39,1875	19,73620	393,5649	19,96356
02-02-2021	18:43:00	31,54971	41,43252	66,56483	560,9468	68,12193	185,5217	63,93439	529,3801	57,32031	46,32031	39,1875	19,73077	393,5472	19,95791
02-02-2021	18:44:00	31,55016	41,42240	66,55253	560,9229	68,10748	185,0828	63,76461	529,3692	57,32031	46,32031	39,1875	19,72534	393,5295	19,95226
02-02-2021	18:45:00	31,55061	41,41228	66,54023	560,8989	68,09304	184,6823	63,84052	529,3583	57,32031	46,32031	39,1875	19,71991	393,5118	19,94661
02-02-2021	18:46:00	31,55106	41,40216	66,52793	560,8750	68,0786	183,8383	63,69125	529,3474	57,32031	46,32031	39,1875	19,71448	393,4941	19,94096
02-02-2021	18:47:00	31,55151	41,39204	66,51563	560,8511	68,06416	183,9059	63,44568	529,3365	57,32031	46,32031	39,1875	19,70905	393,4764	19,93531
02-02-2021	18:48:00	31,55196	41,38192	66,50333	560,8272	68,04971	183,1648	63,35705	529,3256	57,32031	46,32031	39,1875	19,70362	393,4587	19,92966
02-02-2021	18:49:00	31,55241	41,37180	66,49103	560,8033	68,03527	183,7318	63,13221							

Datos DCS 02-02-2021

195MW

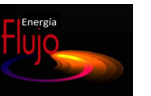


	PRESION DE VAPOR IP	TEMP DE VAPOR SOB CAL IP	FLUJO VAPOR TOTAL BYPASS IP	TEMP DE VAPOR IP	TEMP DE VAPOR IP	TEMP DE VAPOR IP	PRES VAP REGENERADO CAL (1/2)	TEMP VAPOR MP ENTRADA TURBINA	TEMP DE VAPOR BP -VOTO 1/2	TEMP DE VAPOR BP	TEMP DE VAPOR BP	PRESION VAPOR BP	PRESION VAPOR BP	PRESION VAPOR BP -VOTO 1/2	FLUJO DE VAPOR BP
	1AFRH_PT_004B(bar)	1AFRH_TT_008(°C)	10GMP_UN_861(t/h)	1AFRH_TT_005A(°C)	1AFRH_TT_005B(°C)	1AFRH_TT_005C(°C)	10GMA_PTX_030(bar)	10VVP_TT_031(°C)	1AFBL_TTX_002(°C)	1AFBL_TT_002A(°C)	1AFBL_TT_002B(°C)	1AFBL_PT_003A(bar)	1AFBL_PT_003B(bar)	1AFBL_PTX_003(bar)	1AFBL_FTV_004(t/h)
	bar	°C	t/h	°C	°C	°C	bar	°C	°C	°C	°C	bar	bar	bar	t/h
PROMEDIO	19,1	280,8	226,8	558,6	559,6	555,8	18,8	552,6	283,7	285,0	283,6	3,1	3,5	3,5	31,8
DESV EST	0,0762	0,7588	6,8007	0,2940	0,6141	0,7138	0,0258	0,0000	0,5118	0,8025	0,3501	0,0096	0,0105	0,0093	0,9410
%DESV EST	0,3986%	0,2703%	2,9985%	0,0526%	0,1097%	0,1284%	0,1374%	0,0000%	0,1804%	0,2816%	0,1234%	0,3121%	0,3001%	0,2641%	2,9568%
DATOS	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
DURACIÓN	1:00:00														

Fecha	Hora	PRESION DE VAPOR IP	TEMP DE VAPOR SOB CAL IP	FLUJO VAPOR TOTAL BYPASS IP	TEMP DE VAPOR IP	TEMP DE VAPOR IP	TEMP DE VAPOR IP	PRES VAP REGENERADO CAL (1/2)	TEMP VAPOR MP ENTRADA TURBINA	TEMP DE VAPOR BP -VOTO 1/2	TEMP DE VAPOR BP	TEMP DE VAPOR BP	PRESION VAPOR BP	PRESION VAPOR BP	PRESION VAPOR BP -VOTO 1/2	FLUJO DE VAPOR BP
02-02-2021	18:00:00	19,2555	282,0458	232,0255	559,1154	560,623	557,2579	18,82732	552,5859	284,5605	286,3205	284,2305	3,053084	3,509051	3,523555	32,53599
02-02-2021	18:01:00	19,25121	282,0031	233,1992	559,0988	560,5884	557,1936	18,82263	552,5859	284,5316	286,2753	284,2108	3,05233	3,508283	3,523203	32,67289
02-02-2021	18:02:00	19,24691	281,9604	232,184	559,0823	560,5538	557,1293	18,81795	552,5859	284,5028	286,2301	284,1911	3,051574	3,507515	3,522852	32,54287
02-02-2021	18:03:00	19,24262	281,9176	231,972	559,0657	560,5192	557,0649	18,81326	552,5859	284,474	286,1849	284,1713	3,050819	3,506747	3,5225	32,43539
02-02-2021	18:04:00	19,23833	281,8749	232,4876	559,0491	560,4846	557,0006	18,80857	552,5859	284,4451	286,1397	284,1516	3,050064	3,505979	3,522149	32,54848
02-02-2021	18:05:00	19,23403	281,8321	231,4406	559,0326	560,4501	556,9362	18,80389	552,5859	284,4163	286,0945	284,1319	3,049309	3,50521	3,521797	32,6926
02-02-2021	18:06:00	19,22973	281,7894	232,6061	559,0161	560,4155	556,8719	18,7992	552,5859	284,3875	286,0493	284,1122	3,048554	3,504442	3,521446	32,49473
02-02-2021	18:07:00	19,22544	281,7466	231,6481	558,9995	560,3809	556,8076	18,79451	552,5859	284,3586	286,0041	284,0925	3,047799	3,503675	3,521094	32,70756
02-02-2021	18:08:00	19,22115	281,7039	232,2285	558,9829	560,3463	556,7432	18,78983	552,5859	284,3298	285,9589	284,0728	3,047044	3,502906	3,520743	32,48747
02-02-2021	18:09:00	19,21685	281,6611	232,2592	558,9664	560,3117	556,6789	18,78514	552,5859	284,301	285,9137	284,053	3,047341	3,502138	3,520391	32,74916
02-02-2021	18:10:00	19,21255	281,6184	231,3689	558,9498	560,2771	556,6146	18,78045	552,5859	284,2722	285,8685	284,0333	3,047941	3,50137	3,520763	32,45282
02-02-2021	18:11:00	19,20826	281,5757	232,457	558,9332	560,2425	556,5502	18,77576	552,5859	284,2433	285,8232	284,0136	3,048542	3,500602	3,521344	32,69655
02-02-2021	18:12:00	19,20397	281,5329	232,0774	558,9167	560,2079	556,4858	18,77108	552,5859	284,2145	285,778	283,9939	3,049143	3,499834	3,521926	32,70451
02-02-2021	18:13:00	19,19967	281,4902	230,8941	558,9001	560,1733	556,4215	18,76639	552,5859	284,1857	285,7328	283,9742	3,049743	3,499066	3,522507	32,65611
02-02-2021	18:14:00	19,19538	281,4474	231,889	558,8835	560,1387	556,3572	18,76163	552,5859	284,1568	285,6876	283,9544	3,050344	3,498298	3,523088	32,51321
02-02-2021	18:15:00	19,19108	281,4047	231,8361	558,867	560,1041	556,2928	18,76512	552,5859	284,128	285,6424	283,9347	3,050944	3,49753	3,523669	32,53179
02-02-2021	18:16:00	19,18678	281,3619	232,1825	558,8504	560,0696	556,2285	18,76092	552,5859	284,0992	285,5972	283,915	3,051545	3,496762	3,52425	32,67534
02-02-2021	18:17:00	19,18249	281,3192	231,9952	558,8339	560,035	556,1642	18,76411	552,5859	284,0703	285,552	283,8953	3,052145	3,495994	3,524832	32,41594
02-02-2021	18:18:00	19,1782	281,2765	231,7304	558,8173	560,0004	556,0999	18,7636	552,5859	284,0415	285,5068	283,8756	3,052746	3,495226	3,525413	32,56369
02-02-2021	18:19:00	19,1739	281,2337	231,4364	558,8007	559,9658	556,0355	18,76309	552,5859	284,0127	285,4616	283,8559	3,053346	3,494458	3,525994	32,45923
02-02-2021	18:20:00	19,16961	281,1909	231,4472	558,7842	559,9312	555,9711	18,76259	552,5859	283,9839	285,4164	283,8361	3,053947	3,49369	3,526575	32,53574
02-02-2021	18:21:00	19,16531	281,1482	232,8521	558,7676	559,8966	555,9068	18,76208	552,5859	283,955	285,3712	283,8164	3,054548	3,492922	3,527156	32,48525
02-02-2021	18:22:00	19,16102	281,1055	231,8168	558,7511	559,862	555,8425	18,76157	552,5859	283,9262	285,326	283,7967	3,055148	3,492154	3,527737	32,51271
02-02-2021	18:23:00	19,15672	281,0627	232,3935	558,7345	559,8275	555,8021	18,76107	552,5859	283,8974	285,2808	283,777	3,055749	3,491386	3,528318	32,81298
02-02-2021	18:24:00	19,15243	281,02	232,1362	558,718	559,7928	555,7742	18,76056	552,5859	283,8685	285,2356	283,7573	3,056349	3,490618	3,5289	32,10393
02-02-2021	18:25:00	19,14813	280,9772	231,797	558,7014	559,7582	555,7465	18,76006	552,5859	283,8397	285,1904	283,7375	3,05695	3,48985	3,529481	32,81536
02-02-2021	18:26:00	19,14384	280,9345	231,3033	558,6848	559,7236	555,7186	18,75955	552,5859	283,8109	285,1452	283,7178	3,05755	3,489082	3,530062	32,64746
02-02-2021	18:27:00	19,13954	280,8918	231,1223	558,6683	559,6891	555,6908	18,75904	552,5859	283,782	285,1	283,6981	3,058151	3,488314	3,530634	32,38921
02-02-2021	18:28:00	19,13525	280,849	231,8815	558,6517	559,6545	555,663	18,75854	552,5859	283,7532	285,0547	283,6784	3,058751	3,487546	3,531224	32,58044
02-02-2021	18:29:00	19,13095	280,8062	231,9478	558,6351	559,6199	555,6351	18,75803	552,5859	283,7244	285,0096	283,6587	3,059352	3,486778	3,531805	33,0121
02-02-2021	18:30:00	19,12666	280,7635	232,0625	558,6186	559,5853	555,6074	18,75752	552,5859	283,6956	284,9644	283,6389	3,059952	3,48601	3,532387	32,40839
02-02-2021	18:31:00	19,12236	280,7208	232,3796	558,6021	559,5507	555,5795	18,75702	552,5859	283,6667	284,9191	283,6192	3,060553	3,485244	3,532968	32,3861
02-02-2021	18:32:00	19,11807	280,678	232,1383	558,5854	559,5161	555,5517	18,75651	552,5859	283,6379	284,8739	283,5995	3,061154	3,484473	3,533549	32,60093
02-02-2021	18:33:00	19,11377	280,6353	231,7361	558,5689	559,4815	555,5239	18,756	552,5859	283,6091	284,8287	283,5798	3,061754	3,483706	3,53413	32,65045
02-02-2021	18:34:00	19,10948	280,5925	232,3713	558,5524	559,447	555,4961	18,7555	552,5859	283,5802	284,7835	283,5601	3,062355	3,482938	3,534711	32,44303
02-02-2021	18:35:00	19,10518	280,5498	230,2918	558,5358	559,4124	555,4683	18,75499	552,5859	283,5514	284,7383	283,5404	3,062955	3,482169	3,535292	32,13066
02-02-2021	18:36:00	19,10089	280,507	229,2325	558,5192	559,3777	555,4404	18,75449	552,5859	283,5226	284,6931	283,5207	3,063556	3,481401	3,535873	32,25616
02-02-2021	18:37:00	19,09659	280,4643	228,0439	558,5027	559,3431	555,4126	18,75398	552,5859	283,4937	284,6479	283,5009	3,064157	3,480633	3,536455	31,43795
02-02-2021	18:38:00	19,0923	280,4216	227,703	558,4861	559,3086	555,3848	18,75282	552,5859	283,4649	284,6027	283,4812	3,064757	3,479865	3,537036	31,15128
02-02-2021	18:39:00	19,088	280,3788	225,3382	558,4695	559,274	555,357	18,75129	552,5859	283,4361	284,5575	283,4615	3,065357	3,479097	3,537613	30,76513
02-02-2021	18:40:00	19,08371	280,3361	224,7846	558,453	559,2394	555,3292	18,74976	552,5859	283,4073	284,5123	283,4418	3,065958	3,478328	3,538198	30,66533
02-02-2021	18:41:00	19,07941	280,2933	222,6705	558,4364	559,2048	555,3013	18,74824	552,5859	283,3784	284,4671	283,4221	3,066559	3,477559	3,538779	30,93781
02-02-2021	18:42:00	19,07512	280,2506	221,7158	558,4199	559,1702	555,2735	18,74671	552,5859	283,3496	284,4219	283,4023	3,067159	3,476790	3,539361	31,05825
02-02-2021	18:43:00	19,07082	280,2078	220,7223	558,4033	559,1356	555,2457	18,74518	552,5859	283,3208	284,3767	283,3826	3,06776	3,476021	3,539942	30,86481
02-02-2021	18:44:00	19,06653	280,1651	219,5368	558,3867	559,101	555,2179	18,74366	552,5859	283,292	284,3315	283,3629	3,06836	3,475252	3,540523	30,95641
02-02-2021	18:45:00	19,06223	280,1223	217,983	558,3702	559,0665	555,1901	18,74213	552,5859	283,2631	284,2863	283,3432	3,068961	3,474483	3,541104	30,94745
02-02-2021	18:46:00	19,0														

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	PRES VAPOR BP (1/2)	TEMPERATURA VAPOR BP	TEMP ESCAPE TUR BP	TEMP VAP SELLO TUR VAPOR	PRES SIST VAP SELLO TUR VAP	TEMP EN EL POZO DEL CONDENSADOR	PRESION DESCARGA BBA-COND	TEMP DESCARGA BBA-COND	FLUJO CORRECTO DESCGA BBA-COND	PRESION CONDENSADOR	PRESION CONDENSADOR	PRESION CONDENSADOR	PRESION CONDENSADOR -VOTO 2/3
	10GMA_PTX_040(bar)	10VVP_TT_040(°C)	10GMA_TT_041(°C)	10CET_TT_001(°C)	10CET_PT_001(mbar)	10CEX_TT_002(°C)	10CEX_PIT_001(bar)	10CEX_TT_003(°C)	10CEX_FTV_080(t/h)	10CVI_PIT_001(mbar-A)	10CVI_PIT_001B(mbar-A)	10CVI_PIT_001C(mbar-A)	10CVI_PTX_001(mbar-A)
	bar	°C	°C	°C	mbar	°C	bar	°C	t/h	mbar-A	mbar-A	mbar-A	mbar-A
PROMEDIO	3,2	284,0	35,7	199,9	29,9	35,7	21,3	35,7	266,2	58,2	47,6	39,2	48,6
DESV EST	0,0111	0,3677	0,0721	0,0650	0,2080	0,1000	0,0092	0,1000	8,0167	1,1939	1,1621	0,0000	1,1263
%DESV EST	0,3470%	0,1294%	0,2020%	0,0325%	0,6962%	0,2796%	0,0434%	0,2803%	3,0120%	2,0522%	2,4406%	0,0000%	2,3167%
DATOS	61	61	61	61	61	61	61	61	61	61	61	61	61
DURACIÓN	1:00:00												

Fecha	Hora	PRES VAPOR BP (1/2)	TEMPERATURA VAPOR BP	TEMP ESCAPE TUR BP	TEMP VAP SELLO TUR VAPOR	PRES SIST VAP SELLO TUR VAP	TEMP EN EL POZO DEL CONDENSADOR	PRESION DESCARGA BBA-COND	TEMP DESCARGA BBA-COND	FLUJO CORRECTO DESCGA BBA-COND	PRESION CONDENSADOR	PRESION CONDENSADOR	PRESION CONDENSADOR	PRESION CONDENSADOR -VOTO 2/3
02-02-2021	18:00:00	3,195202	285,0824	35,81074	199,7591	30,14067	35,91336	21,32329	35,82915	274,3016	59,8125	48,64063	39,1875	49,71484
02-02-2021	18:01:00	3,194598	284,9734	35,80668	199,7666	29,48503	35,90773	21,32277	35,82352	276,0549	59,8125	48,64063	39,1875	49,71484
02-02-2021	18:02:00	3,193995	284,8645	35,80262	199,7741	29,81998	35,9021	21,32225	35,81789	269,8404	59,8125	48,64063	39,1875	49,71484
02-02-2021	18:03:00	3,193391	284,7555	35,79856	199,7817	29,64825	35,89647	21,32173	35,81226	276,8246	59,8125	48,64063	39,1875	49,71484
02-02-2021	18:04:00	3,192787	284,6465	35,7945	199,7892	29,86958	35,89084	21,32121	35,80663	269,5779	59,8125	48,64063	39,1875	49,71484
02-02-2021	18:05:00	3,192184	284,5376	35,79044	199,7968	29,92728	35,88521	21,32069	35,80099	275,1813	59,8125	48,64063	39,1875	49,71484
02-02-2021	18:06:00	3,19158	284,4286	35,78638	199,8043	29,89402	35,87958	21,32017	35,79536	272,3028	59,8125	48,64063	39,1875	49,71484
02-02-2021	18:07:00	3,190977	284,3798	35,78232	199,8118	29,68436	35,87395	21,31965	35,78974	269,0655	59,8125	48,64063	39,1875	49,71484
02-02-2021	18:08:00	3,190373	284,3631	35,77826	199,8194	29,86026	35,86832	21,31913	35,78411	273,6724	59,8125	48,64063	39,1875	49,71484
02-02-2021	18:09:00	3,18977	284,3465	35,7742	199,8269	29,98369	35,86269	21,31861	35,77848	271,1445	59,8125	48,64063	39,1875	49,71484
02-02-2021	18:10:00	3,189166	284,3298	35,77014	199,8344	29,84226	35,85706	21,31809	35,77285	268,9727	59,8125	48,64063	39,1875	49,71484
02-02-2021	18:11:00	3,188562	284,3131	35,76608	199,842	30,01183	35,85143	21,31757	35,76722	271,884	59,8125	48,64063	39,1875	49,71484
02-02-2021	18:12:00	3,187959	284,2965	35,76202	199,8495	29,90613	35,8458	21,31705	35,76159	270,5291	59,8125	48,64063	39,1875	49,71484
02-02-2021	18:13:00	3,187355	284,2798	35,75796	199,8571	29,8069	35,84017	21,31652	35,75595	270,2983	59,8125	48,64063	39,1875	49,71484
02-02-2021	18:14:00	3,187591	284,2632	35,7539	199,8646	29,92375	35,83454	21,316	35,75032	273,725	59,8125	48,64063	39,1875	49,71484
02-02-2021	18:15:00	3,189026	284,2465	35,74984	199,8721	29,82707	35,82891	21,31548	35,74469	271,4217	59,8125	48,64063	39,1875	49,71484
02-02-2021	18:16:00	3,190461	284,2298	35,74578	199,8797	29,86942	35,82328	21,31496	35,73906	273,3133	59,8125	48,64063	39,1875	49,71484
02-02-2021	18:17:00	3,191896	284,2132	35,74172	199,8872	29,81215	35,81765	21,31444	35,73344	274,7284	59,8125	48,64063	39,1875	49,71484
02-02-2021	18:18:00	3,193331	284,1965	35,73766	199,8947	29,92952	35,81202	21,31392	35,72781	268,939	59,8125	48,64063	39,1875	49,71484
02-02-2021	18:19:00	3,194766	284,1799	35,7336	199,9023	29,81221	35,80639	21,3134	35,72218	269,8113	59,8125	48,64063	39,1875	49,71484
02-02-2021	18:20:00	3,196201	284,1632	35,72954	199,9098	29,91713	35,80076	21,31288	35,71655	274,9675	59,8125	48,64063	39,1875	49,71484
02-02-2021	18:21:00	3,197635	284,1465	35,72548	199,9173	29,86645	35,79513	21,31236	35,71091	268,8771	57,32031	48,64063	39,1875	49,71484
02-02-2021	18:22:00	3,19907	284,1299	35,72142	199,9249	29,98607	35,7895	21,31184	35,70528	272,4161	57,32031	48,64063	39,1875	49,71484
02-02-2021	18:23:00	3,200505	284,1132	35,71736	199,9324	29,85115	35,78387	21,31132	35,69965	275,7273	57,32031	48,64063	39,1875	49,71484
02-02-2021	18:24:00	3,20194	284,0966	35,71330	199,94	29,48773	35,77824	21,3108	35,69402	271,974	57,32031	48,64063	39,1875	49,71484
02-02-2021	18:25:00	3,203375	284,0799	35,70924	199,9475	30,01073	35,77261	21,31028	35,68839	277,3758	57,32031	48,64063	39,1875	49,71484
02-02-2021	18:26:00	3,20481	284,0632	35,70518	199,955	30,02807	35,76698	21,30976	35,68276	269,1577	57,32031	48,64063	39,1875	49,71484
02-02-2021	18:27:00	3,206245	284,0466	35,70112	199,9626	29,87159	35,76134	21,30923	35,67714	274,4295	57,32031	48,64063	39,1875	49,71484
02-02-2021	18:28:00	3,20768	284,0299	35,69706	199,9701	30,04896	35,75572	21,30871	35,6715	272,2682	57,32031	48,64063	39,1875	49,71484
02-02-2021	18:29:00	3,209115	284,0133	35,69299	199,9776	29,94467	35,75009	21,30819	35,66587	269,0183	57,32031	48,64063	39,1875	49,71484
02-02-2021	18:30:00	3,21055	283,9966	35,68893	199,9852	29,95393	35,74446	21,30767	35,66024	273,4194	57,32031	48,64063	39,1875	49,71484
02-02-2021	18:31:00	3,211985	283,9799	35,68487	199,9927	29,88196	35,73883	21,30715	35,65461	270,4699	57,32031	48,64063	39,1875	47,48047
02-02-2021	18:32:00	3,213419	283,9633	35,68081	199,9998	29,68555	35,7332	21,30663	35,64898	272,3333	57,32031	48,64063	39,1875	47,48047
02-02-2021	18:33:00	3,214854	283,9466	35,67675	199,9955	29,54549	35,72757	21,30611	35,64335	275,3277	57,32031	48,64063	39,1875	47,48047
02-02-2021	18:34:00	3,216289	283,93	35,67269	199,991	29,80728	35,72194	21,30559	35,63772	270,6966	57,32031	48,64063	39,1875	47,48047
02-02-2021	18:35:00	3,217724	283,9133	35,66863	199,9866	29,54606	35,7163	21,30507	35,63209	269,6385	57,32031	48,64063	39,1875	47,48047
02-02-2021	18:36:00	3,219159	283,8967	35,66457	199,9822	29,41404	35,71067	21,30455	35,62646	272,1362	57,32031	48,64063	39,1875	47,48047
02-02-2021	18:37:00	3,220594	283,88	35,66051	199,9778	29,65995	35,70504	21,30403	35,62083	262,2038	57,32031	48,64063	39,1875	47,48047
02-02-2021	18:38:00	3,222029	283,8633	35,65645	199,9734	29,4665	35,69942	21,30351	35,6152	261,0314	57,32031	48,64063	39,1875	47,48047
02-02-2021	18:39:00	3,222682	283,8467	35,65239	199,969	29,73399	35,69379	21,30299	35,60957	261,4117	57,32031	48,64063	39,1875	47,48047
02-02-2021	18:40:00	3,221697	283,83	35,64833	199,9646	30,063	35,68816	21,30247	35,60394	256,0916	57,32031	48,64063	39,1875	47,48047
02-02-2021	18:41:00	3,220712	283,8134	35,64427	199,9602	29,87562	35,68253	21,30194	35,59831	255,1248	57,32031	48,64063	39,1875	47,48047
02-02-2021	18:42:00	3,219727	283,7967	35,64021	199,9558	29,73383	35,6769	21,30142	35,59268	260,96	57,32031	48,64063	39,1875	47,48047
02-02-2021	18:43:00	3,218742	283,78	35,63615	199,9514	29,96262	35,67126	21,3009	35,58705	260,5634	57,32031	48,64063	39,1875	47,48047
02-02-2021	18:44:00	3,217757	283,7634	35,63209	199,947	29,88362	35,66563	21,30038	35,58142	257,3773	57,32031	48,64063	39,1875	47,48047
02-02-2021	18:45:00	3,216772	283,7467	35,62803	199,9426	29,64223	35,66	21,29986	35,57579	259,3692	57,32031	48,64063	39,1875	47,48047
02-02-2021	18:46:00	3,215787	283,7301	35,62397	199,9382	29,78166	35,65437	21,29934	35,57016	256,8164	57,32031	48,64063	39,1875	47,48047
02-02-2021	18:47:00	3,214802	283,7134	35,61991	199,9338	30,34184	35,64874	21,29882	35,56453	253,7214	57,32031	48,64063	39,1875	47,48047
02-02-2021	18:48:00	3,213817	283,6967	35,61585	199,9294	30,23229	35,64312	21,2983	35,5589	256,7632	57,32031	48,64063	39,1875	47,48047
02-02-2021	18:49:00	3,212831	283,6801	35,61179	199,925	30,16031	35,63749	21,29778	35,55327	255,4376	57,32031	48,64063	39,1875	47,48047
02-02-2021	18:50:00	3,211846	283,6634	35,60773	199,9206	29,85754	35,63186	21,29726	35,54764	254,01	57,32031	48,64063	39,1875	47,48047
02-02-2021	18:51:00	3,210861	283,6468	35,60367	199,9162	29,92306	35,62622	21,29674	35,54201	257,2943	57,32031	48,64063	39,1875	47,48047
02-02-2021	18:52:00	3,209876	283,6301	35,59961	199,9118	29,97507	35,62059	21,29622	35,53638	254,8754	57,32031	48,64063	39,1875	47,48047
02-02-2021	18:53:00	3,208891	283,6134	35,59555	199									

Datos DCS 02-02-2021

195MW



	FLUJO AGUA ADIC NOR COND	AGUA DE ALIM AP PRES DE DESCARGA	TEMP DE AGUA ALIM AP	FLUJO AGUA DE ALIM AP	FLUJO AGUA ATEMP AP	PRESION AGUA DE ALIM IP	TEMP AGUA DE ALIM IP	FLUJO AGUA DE ALIM IP	FLUJO AGUA ATEMP IP	FLUJO AGUA ATEMPERAMIENTO AP	FLUJO DE AGUA IP ATEMPERAMIENTO	FLUJO AGUA ATEMPERAMIENTO BP	FLUJO MASICO COMB LIQUIDO
	10CEX_FIT_051(t/h)	1AAPH_PIT_001(bar)	1AFSR_TT_001(°C)	1AFSR_FTV_001(t/h)	1AFSR_FTV_002(t/h)	1AFRH_PT_001(bar)	1AFRH_TT_001(°C)	1AFRH_FTV_001(t/h)	1AFRH_FTV_004(t/h)	10GHP_FT_001(t/h)	10GMP_FT_001(t/h)	10GBP_FT_001(t/h)	1ATRE_FQ1M1(kg/s)
	t/h	bar	°C	t/h	t/h	bar	°C	t/h	t/h	t/h	t/h	t/h	kg/s
PROMEDIO	10,4	164,4	124,2	183,5	3,9	89,2	121,0	32,3	4,1	0,3	0,4	0,0	8,8
DESV EST	0,2747	0,6740	0,1526	5,4073	0,7285	0,4812	0,0527	1,0003	0,5472	0,1091	0,2391	0,0000	0,0670
%DESV EST	2,6343%	0,4099%	0,1229%	2,9468%	18,5127%	0,5395%	0,0436%	3,0988%	13,2643%	37,3418%	65,3401%	0,0000%	0,7633%
DATOS	61	61	61	61	61	61	61	61	61	61	57	61	61
DURACIÓN	1:00:00												

Fecha	Hora	FLUJO AGUA ADIC NOR COND	AGUA DE ALIM AP PRES DE DESCARGA	TEMP DE AGUA ALIM AP	FLUJO AGUA DE ALIM AP	FLUJO AGUA ATEMP AP	PRESION AGUA DE ALIM IP	TEMP AGUA DE ALIM IP	FLUJO AGUA DE ALIM IP	FLUJO AGUA ATEMP IP	FLUJO AGUA ATEMPERAMIENTO AP	FLUJO DE AGUA IP ATEMPERAMIENTO	FLUJO AGUA ATEMPERAMIENTO BP	FLUJO MASICO COMB LIQUIDO
02-02-2021	18:00:00	10,62413	163,3851	123,9287	190,581	4,544767	88,54515	121,0562	32,9462	4,324652	0,1119276	0,1289063	0,00234375	8,794958
02-02-2021	18:01:00	9,975155	163,4409	123,9373	184,7089	4,128948	88,44785	121,053	32,61212	4,778452	0,1070458	0,1289063	0,00234375	8,794227
02-02-2021	18:02:00	10,5398	163,4716	123,9459	186,6459	4,071039	88,54752	121,0497	33,02657	4,358928	0,1021639	0,1289063	0,00234375	8,793495
02-02-2021	18:03:00	10,03771	163,3754	123,9545	187,8008	4,282024	88,46631	121,0465	33,0938	4,646069	0,09793739	0,1289063	0,00234375	8,792765
02-02-2021	18:04:00	10,59466	163,5721	123,9631	186,4877	4,454049	88,3984	121,0432	32,51085	4,455759	0,09582429	0,1289063	0,00234375	8,792033
02-02-2021	18:05:00	10,53215	163,7971	123,9717	188,9117	4,474179	88,52092	121,04	32,7272	4,407731	0,09371118	0,1289063	0,00234375	8,791302
02-02-2021	18:06:00	9,940886	163,8967	123,9802	188,1281	4,595365	88,87671	121,0368	32,14909	4,411659	0,09159809	0,1289063	0,00234375	8,79057
02-02-2021	18:07:00	10,5984	164,4472	123,9888	187,3433	4,422425	89,16922	121,0335	32,40925	4,615885	0,08948498	0,1289063	0,00234375	8,78984
02-02-2021	18:08:00	10,61304	164,2019	123,9974	189,2272	4,442211	89,07982	121,0303	32,24375	4,403539	0,1301683	0,1289063	0,00234375	8,789108
02-02-2021	18:09:00	10,00073	163,9523	124,006	187,4613	4,408175	88,88597	121,027	32,74656	4,621524	0,1729281	0,1289063	0,00234375	8,792
02-02-2021	18:10:00	9,980068	164,3054	124,0146	186,2755	4,422441	89,06379	121,0238	32,91764	4,483955	0,1844911	0,1289063	0,00234375	8,795133
02-02-2021	18:11:00	10,57585	164,091	124,0232	188,4487	4,378747	88,9427	121,0205	33,24987	4,614627	0,1960541	0,1289063	0,00234375	8,798265
02-02-2021	18:12:00	10,60424	164,3107	124,0318	185,3181	4,480634	88,98964	121,0173	33,56988	4,460842	0,207617	0,1289063	0,00234375	8,801399
02-02-2021	18:13:00	10,63263	164,3224	124,0404	186,9313	4,613176	89,02545	121,0141	33,93737	4,336504	0,21918	0,1289063	0,00234375	8,804532
02-02-2021	18:14:00	9,896226	163,7161	124,049	187,7953	4,579284	88,51617	121,0108	32,93849	4,670714	0,2209282	0,1289063	0,00234375	8,807665
02-02-2021	18:15:00	10,50784	164,1802	124,0576	184,0368	4,792428	88,9267	121,0076	33,30874	4,422594	0,124971	0,1932189	0,00234375	8,810798
02-02-2021	18:16:00	10,52402	164,1832	124,0662	189,5465	4,650662	88,73116	121,0043	32,86014	4,422594	0,4674976	0,164063	0,00234375	8,813931
02-02-2021	18:17:00	10,57675	163,8763	124,0748	188,5846	4,647787	88,81194	121,0011	32,57606	4,480598	0,411222	0,164063	0,00234375	8,817064
02-02-2021	18:18:00	9,960093	164,4174	124,0834	187,231	4,502814	89,2626	120,9979	32,49303	4,558693	0,3549463	0,164063	0,00234375	8,820197
02-02-2021	18:19:00	10,0625	164,2006	124,092	187,5332	4,559799	88,90639	120,9946	32,76702	4,405731	0,2986707	0,164063	0,00234375	8,823331
02-02-2021	18:20:00	10,61948	164,3631	124,1006	187,4203	4,606818	89,11916	120,9914	32,50338	4,65309	0,242395	0,164063	0,00234375	8,826464
02-02-2021	18:21:00	10,62131	164,9001	124,1092	186,7284	4,64829	89,34555	120,9881	33,11041	4,440124	0,1861194	0,164063	0,00234375	8,829597
02-02-2021	18:22:00	10,62315	164,6049	124,1178	188,7922	4,684869	89,39751	120,9849	33,73011	4,475701	0,2123029	0,164063	0,00234375	8,832729
02-02-2021	18:23:00	10,62499	163,8786	124,1264	186,2096	4,715317	89,03861	120,9817	33,6805	4,600936	0,2540433	0,164063	0,00234375	8,835863
02-02-2021	18:24:00	9,966194	163,8579	124,135	188,2762	4,616068	89,03924	120,9784	33,94396	4,444697	0,2957836	0,164063	0,00234375	8,838996
02-02-2021	18:25:00	9,981144	163,9241	124,1436	189,5591	4,556798	88,82105	120,9752	33,17474	4,76505	0,3375239	0,164063	0,00234375	8,842129
02-02-2021	18:26:00	9,996095	164,2541	124,1522	186,5759	4,511152	88,93349	120,9719	33,15524	4,484712	0,3792642	0,164063	0,00234375	8,845262
02-02-2021	18:27:00	10,60147	163,8007	124,1608	187,6742	4,451244	88,98178	120,9687	32,26765	4,618247	0,4210045	0,164063	0,00234375	8,848395
02-02-2021	18:28:00	10,60702	163,7718	124,1694	186,3794	4,507669	88,79678	120,9654	32,30252	4,540741	0,4223515	0,164063	0,00234375	8,851528
02-02-2021	18:29:00	10,61257	164,2051	124,178	187,3822	4,415398	89,05434	120,9622	32,48764	4,408874	0,4195149	0,164063	0,00234375	8,854661
02-02-2021	18:30:00	10,61812	163,5804	124,1866	187,8177	4,454997	88,58759	120,959	32,46173	4,829705	0,4166783	0,164063	0,00234375	8,857795
02-02-2021	18:31:00	10,62367	163,7391	124,1952	185,9808	4,478063	88,76862	120,9557	32,9821	4,289843	0,4138418	0,164063	0,00234375	8,860928
02-02-2021	18:32:00	10,62922	163,7344	124,2038	187,8774	4,433434	88,72032	120,9525	33,31723	4,634113	0,4110052	0,164063	0,00234375	8,86406
02-02-2021	18:33:00	10,63476	163,5306	124,2124	187,8719	4,308342	88,58482	120,9492	33,53203	4,384865	0,4081686	0,164063	0,00234375	8,860056
02-02-2021	18:34:00	9,966517	163,8437	124,221	187,6173	4,161451	88,72951	120,946	33,51868	4,7872	0,405332	0,164063	0,00234375	8,851776
02-02-2021	18:35:00	9,971989	163,5131	124,2296	189,206	4,240546	88,55119	120,9428	33,18721	4,347612	0,4024955	0,164063	0,00234375	8,843495
02-02-2021	18:36:00	10,59358	163,8468	124,2382	188,1739	4,253005	88,77411	120,9395	32,55685	4,349042	0,3996589	0,164063	0,00234375	8,835215
02-02-2021	18:37:00	10,59237	164,6715	124,2467	182,2115	4,263401	89,22069	120,9363	31,82518	4,348839	0,3698789	0,164063	0,00234375	8,826934
02-02-2021	18:38:00	10,59115	165,5002	124,2553	178,7844	4,036229	89,74886	120,933	31,80088	4,248893	0,3257202	0,164063	0,00234375	8,818653
02-02-2021	18:39:00	10,58994	164,8332	124,2639	179,0452	3,805165	89,42034	120,9298	32,16129	4,015585	0,2815615	0,164063	0,00234375	8,810372
02-02-2021	18:40:00	10,58872	165,5585	124,2725	176,2454	3,343928	89,50416	120,9266	32,07145	3,571478	0,2650312	0,164063	0,00234375	8,802093
02-02-2021	18:41:00	10,5875	165,6142	124,2811	178,0102	2,984984	89,8308	120,9233	32,31786	3,416506	0,2846994	0,164063	0,00234375	8,793812
02-02-2021	18:42:00	10,58629	165,3739	124,2897	181,2458	2,729047	89,68275	120,9201	32,14377	3,4338	0,3043676	0,164063	0,00234375	8,785531
02-02-2021	18:43:00	10,58507	164,9835	124,2983	179,1502	2,739018	89,79169	120,9168	31,97931	3,659317	0,2776771	0,164063	0,00234375	8,77725
02-02-2021	18:44:00	10,0053	165,1589	124,3069	179,7901	2,691312	89,66902	120,9136	31,83436	3,380246	0,285497	0,164063	0,00234375	8,76897
02-02-2021	18:45:00	9,986677	164,7608	124,3155	179,4324	2,728167	89,45357	120,9103	31,18351	3,141598	0,2933169	0,164063	0,00234375	8,760689
02-02-2021	18:46:00	10,31432	165,2745	124,3241	177,4397	2,829395	90,21063	120,9071	30,91214	2,982365	0,3011369	0,164063	0,00234375	8,752408
02-02-2021	18:47:00	10,62669	165,3502	124,3327	177,7748	3,092147	89,8128	120,9039	30,38954	3,069916	0,3089568	0,164063	0,00234375	8,744128
02-02-2021	18:48:00	10,61788	164,882	124,3413	177,6616	3,117948	89,92432	120,9006	30,51001	3,292651	0,3167767	0,164063	0,00234375	8,735847
02-02-2021	18:49:00	10,60906	165,6477	124,3499	175,6352	3,21752	89,64986	120,8974	30,56239	3,305978	0,3245966	0,164063	0,00234375	8,727567
02-02-2021	18:50:00	10,60024	165,5191	124,3585	177,189	3,186779	89,82513	120,8941	30,84776	3,577255	0,3324165	0,164063	0,00234375	8,719286
02-02-2021	18:51:00	10,59143	165,1796	124,3671	174,2046	3,185802	89,85146	120,8909	31,1976	3,458531	0,3402365	0,164063	0,00234375	8,711005
02-02-2021	18:52:00	10,58261												

Datos DCS 02-02-2021 195MW



	NIVEL DEL DOMO AP -VOTO 2/3	TEMP DEL DOMO AP	NIVEL DEL DOMO IP -VOTO 2/3	PRESION DEL DOMO IP -VOTO 1/2	TEMP DEL DOMO IP	NIVEL DEL DOMO BP -VOTO 2/3	TEMP DEL DOMO BP	PRESION DEL DOMO BP -VOTO 1/2	TEMP DESCARGA BBA-AENF	TEMPERATURA EXTERNA 1/2 COND 2	TEMPERATURA EXTERNA 1/2 COND 1
	1AFSR_LTX_001(mm)	1AFSR_TT_002(°C)	1AFRH_LTX_001(mm)	1AFRH_PTX_002(bar)	1AFRH_TT_002(°C)	1AFBL_LTX_001(mm)	1AFBL_TT_001(°C)	1AFBL_PTX_001(bar)	10CRF_TT_001(°C)	10CRF_TT_202(°C)	10CRF_TT_201(°C)
	mm	°C	mm	bar	°C	mm	°C	bar	°C	°C	°C
PROMEDIO	0,0	286,9	-100,1	20,2	212,6	-97,2	140,6	3,3	22,6	26,9	29,3
DESV EST	1,3349	0,3380	29,9215	0,0857	0,5548	17,0114	0,1999	0,0021	0,1241	0,1895	0,2178
%DESV EST	-2894,4923%	0,1178%	-29,9012%	0,4242%	0,2610%	-17,5023%	0,1421%	0,0634%	0,5503%	0,7041%	0,7426%
DATOS	61	61	61	61	61	61	61	61	61	61	61
DURACIÓN	1:00:00										

Fecha	Hora	NIVEL DEL DOMO AP -VOTO 2/3	TEMP DEL DOMO AP	NIVEL DEL DOMO IP -VOTO 2/3	PRESION DEL DOMO IP -VOTO 1/2	TEMP DEL DOMO IP	NIVEL DEL DOMO BP -VOTO 2/3	TEMP DEL DOMO BP	PRESION DEL DOMO BP -VOTO 1/2	TEMP DESCARGA BBA-AENF	TEMPERATURA EXTERNA 1/2 COND 2	TEMPERATURA EXTERNA 1/2 COND 1
02-02-2021	18:00:00	0,6276562	287,4282	-121,8574	20,35691	213,499	-56,18273	140,4297	3,347931	22,76352	27,20454	29,66827
02-02-2021	18:01:00	0,6452389	287,4092	-115,5782	20,35208	213,4677	-58,55573	140,4297	3,347811	22,75653	27,19571	29,65751
02-02-2021	18:02:00	0,6628218	287,3901	-121,94	20,34725	213,4365	-87,0839	140,4297	3,347692	22,74954	27,18689	29,64676
02-02-2021	18:03:00	0,6804045	287,3711	-125,5992	20,34242	213,4052	-88,14258	140,4297	3,347572	22,74255	27,17806	29,636
02-02-2021	18:04:00	0,6979873	287,3521	-114,2404	20,3376	213,374	-69,10463	140,4297	3,347452	22,73556	27,16923	29,62524
02-02-2021	18:05:00	0,7155702	287,333	-103,2169	20,33277	213,3427	-84,35067	140,4297	3,347333	22,72857	27,16041	29,61448
02-02-2021	18:06:00	0,7331529	287,314	-108,6093	20,32794	213,3114	-79,21532	140,4297	3,347214	22,72157	27,15158	29,60372
02-02-2021	18:07:00	0,7507357	287,295	-102,4272	20,32311	213,2802	-80,23209	140,4297	3,347094	22,71458	27,14276	29,59296
02-02-2021	18:08:00	0,7683185	287,2759	-104,4921	20,31828	213,2489	-75,14618	140,4297	3,346974	22,70759	27,13393	29,5822
02-02-2021	18:09:00	0,7859013	287,2569	-114,6315	20,31345	213,2177	-80,44502	140,4297	3,346855	22,7006	27,1251	29,57144
02-02-2021	18:10:00	0,8034841	287,2379	-104,8514	20,30862	213,1864	-85,75356	140,4297	3,346735	22,69361	27,11628	29,56068
02-02-2021	18:11:00	0,8210669	287,2188	-160,5819	20,30379	213,1552	-76,63859	140,4297	3,346616	22,68662	27,10745	29,54992
02-02-2021	18:12:00	0,8386496	287,1998	-165,2853	20,29896	213,1239	-84,01368	140,4297	3,346496	22,67963	27,09863	29,53917
02-02-2021	18:13:00	0,8562325	287,1808	-156,665	20,29413	213,0927	-82,90428	140,4297	3,346377	22,67264	27,0898	29,52841
02-02-2021	18:14:00	0,8738152	287,1617	-141,1299	20,2893	213,0614	-80,8312	140,4297	3,346257	22,66565	27,08097	29,51765
02-02-2021	18:15:00	0,891398	287,1427	-140,8603	20,28448	213,0302	-82,10223	140,4297	3,346138	22,65866	27,07215	29,50689
02-02-2021	18:16:00	0,9089808	287,1236	-126,332	20,27965	212,9989	-81,41652	140,4297	3,346018	22,65167	27,06332	29,49613
02-02-2021	18:17:00	0,9265636	287,1046	-99,58865	20,27482	212,9677	-85,26804	140,4401	3,345899	22,64468	27,0545	29,48537
02-02-2021	18:18:00	0,9441464	287,0855	-95,78864	20,26999	212,9364	-93,52185	140,4536	3,345779	22,63769	27,04567	29,47461
02-02-2021	18:19:00	0,9617292	287,0665	-101,9092	20,26516	212,9052	-89,72559	140,4671	3,34566	22,6307	27,03684	29,46385
02-02-2021	18:20:00	0,979312	287,0475	-118,7837	20,26033	212,8739	-87,30448	140,4806	3,34554	22,62371	27,02802	29,4531
02-02-2021	18:21:00	0,9968948	287,0284	-124,0137	20,2555	212,8427	-88,18291	140,4941	3,345421	22,61672	27,01919	29,44234
02-02-2021	18:22:00	1,014478	287,0094	-136,6947	20,25067	212,8114	-90,43753	140,5076	3,345301	22,60973	27,01037	29,43158
02-02-2021	18:23:00	1,03206	286,9904	-161,1142	20,24584	212,7802	-11,89977	140,521	3,345182	22,60274	27,00154	29,42082
02-02-2021	18:24:00	1,049643	286,9713	-145,3943	20,24101	212,7489	-89,65993	140,5345	3,345062	22,59575	26,99272	29,41006
02-02-2021	18:25:00	1,067226	286,9523	-123,0386	20,23618	212,7177	-95,77769	140,548	3,344943	22,58875	26,98389	29,3993
02-02-2021	18:26:00	1,084809	286,9333	-103,5574	20,23135	212,6864	-96,9297	140,5615	3,344823	22,58176	26,97506	29,38854
02-02-2021	18:27:00	1,102391	286,9142	-84,91122	20,22653	212,6552	-99,959	140,575	3,344703	22,57477	26,96624	29,37778
02-02-2021	18:28:00	1,119974	286,8952	-91,1109	20,2217	212,6239	-95,01892	140,5885	3,344584	22,56778	26,95741	29,36703
02-02-2021	18:29:00	1,137557	286,8762	-80,41928	20,21687	212,5927	-94,32456	140,602	3,344465	22,56079	26,94859	29,35627
02-02-2021	18:30:00	1,15514	286,8571	-93,64719	20,21204	212,5614	-92,14835	140,6154	3,344345	22,5538	26,93976	29,34551
02-02-2021	18:31:00	1,163733	286,8381	-110,0208	20,20721	212,5302	-94,84238	140,6289	3,344225	22,54681	26,93093	29,33475
02-02-2021	18:32:00	1,013641	286,819	-123,7677	20,20238	212,4989	-92,79202	140,6424	3,344106	22,53982	26,92211	29,32399
02-02-2021	18:33:00	0,8633802	286,8	-121,6871	20,19755	212,4677	-96,22673	140,6559	3,343987	22,53283	26,91328	29,31323
02-02-2021	18:34:00	0,713119	286,781	-113,9169	20,19272	212,4364	-91,5872	140,6694	3,343867	22,52584	26,90446	29,30247
02-02-2021	18:35:00	0,5628579	286,7619	-100,1639	20,18789	212,4052	-89,53442	140,6829	3,343747	22,51885	26,89563	29,29171
02-02-2021	18:36:00	0,4125967	286,7429	-84,33862	20,18306	212,3739	-103,1305	140,6964	3,343628	22,51186	26,8868	29,28095
02-02-2021	18:37:00	0,2623355	286,7238	-78,87816	20,17823	212,3427	-92,65932	140,7098	3,343508	22,50487	26,87798	29,2702
02-02-2021	18:38:00	0,1120744	286,7048	-68,43381	20,1734	212,3114	-105,2978	140,7233	3,343389	22,49788	26,86915	29,25944
02-02-2021	18:39:00	-0,03818679	286,6858	-73,90506	20,16858	212,2802	-105,9938	140,7368	3,343269	22,49089	26,86033	29,24868
02-02-2021	18:40:00	-0,188448	286,6667	-75,28769	20,16375	212,2489	-112,6321	140,7503	3,34315	22,48389	26,8515	29,23792
02-02-2021	18:41:00	-0,3387091	286,6477	-75,12929	20,15892	212,2177	-104,8602	140,7638	3,34303	22,4769	26,84267	29,22716
02-02-2021	18:42:00	-0,4889702	286,6287	-72,6545	20,15409	212,1864	-104,7976	140,7773	3,342911	22,46991	26,83384	29,2164
02-02-2021	18:43:00	-0,6392314	286,6096	-71,94913	20,14926	212,1552	-114,9773	140,7908	3,342791	22,46292	26,82501	29,20564
02-02-2021	18:44:00	-0,7894926	286,5906	-73,87527	20,14443	212,1239	-121,7615	140,8042	3,342672	22,45593	26,81618	29,19488
02-02-2021	18:45:00	-0,9397537	286,5716	-66,24338	20,1396	212,0927	-125,9978	140,8177	3,342552	22,44894	26,80735	29,18412
02-02-2021	18:46:00	-1,090015	286,5525	-57,88974	20,13477	212,0614	-122,0553	140,8312	3,342433	22,44195	26,79852	29,17336
02-02-2021	18:47:00	-1,240276	286,5335	-54,80579	20,12994	212,0302	-123,1554	140,8447	3,342313	22,43496	26,78969	29,16260
02-02-2021	18:48:00	-1,390537	286,5144	-56,84021	20,12511	211,9989	-117,8859	140,8582	3,342194	22,42797	26,78086	29,15184
02-02-2021	18:49:00	-1,540798	286,4954	-72,04694	20,12029	211,9677	-114,6145	140,8717	3,342074	22,42098	26,77203	29,14108
02-02-2021	18:50:00	-1,691059	286,4764	-79,34357	20,11546	211,9364	-105,7095	140,8852	3,341954	22,41399	26,76320	29,13032
02-02-2021	18:51:00	-1,841321	286,4573	-102,7555	20,11063	211,9052	-119,5485	140,8987	3,341835	22,407	26,75437	29,11956
02-02-2021	18:52:00	-1,991582	286,4383	-97,39444	20,1058	211,8739	-109,5172	140,9121	3,341716	22,40001	26,74554	29,10880
02-02-2021	18:53:00	-2,141843	286,4193	-112,432	20,10097	211,8427	-126,5098	140,9256	3,341596	22,39302	26,73671	29,09804
02-02-2021	18:54:00	-2,292104	286,4002	-98,0506	20,09614	211,8114	-122,0757	140,9391	3,341476	22,38603	26,72788	29,08728
02-02-2021	18:55:00	-2,442365	286,3812	-92,92804	20,09131	211,7802	-120,8828	140,9526	3,341357	22,37904	26,71905	29,07652
02-02-2021	18:56:00	-2,592627	286,3622	-73,20575	20,08648	211,7489	-117,18	140,9661	3,341238	22,37205	26,71022	29,06576
02-02-2021	18:57:00	-2,742887	286,3431	-69,27969	20,08165	211,7177	-111,1398	140,9796	3,341118	22,36506	26,70139	29,05500
02-02-2021	18:58:00	-2,893149	286,3241	-64,55002	20,07682	211,6864	-102,2522	140,993	3,340998	22,35806	26,69256	29,04424
02-02-2021	18:59:00	-3,04341	286,305	-53,02142	20,07199	211,6552	-121,0249	141,0065	3,340879	22,35107	26,68373	29,03348
02-02-2021	19:00:00	-3,193671	286,286	-21,09192	20,06716	211,6239	-125,9656	141,02	3,340759	22,34408	26,67490	29,02272

Estacion Meteorologica 395MW



	HR (%)	Pres (mbar)	Temp (°C)
PROMEDIO	73,86	1,98	17,22
DESV EST	0,3030	0,0389	0,0717
%DESV EST	0,41%	1,96%	0,42%
DATOS	361	361	361

DURACIÓN 1:00:00				
DATE	TIME	HR (%)	Pres (mbar)	Temp (°C)
02-02-2021	7:30:08	73	1,99	17,35
02-02-2021	7:30:18	73,11	1,96	17,35
02-02-2021	7:30:28	73,1	1,99	17,26
02-02-2021	7:30:38	73,1	2	17,25
02-02-2021	7:30:48	73,1	2,04	17,26
02-02-2021	7:30:58	73,2	1,93	17,26
02-02-2021	7:31:08	73,2	1,98	17,26
02-02-2021	7:31:18	73,29	1,99	17,26
02-02-2021	7:31:28	73,29	1,98	17,26
02-02-2021	7:31:38	73,4	2,03	17,26
02-02-2021	7:31:48	73,4	2,04	17,26
02-02-2021	7:31:58	73,4	2,04	17,26
02-02-2021	7:32:08	73,4	2,08	17,16
02-02-2021	7:32:18	73,49	2	17,16
02-02-2021	7:32:28	73,6	1,99	17,16
02-02-2021	7:32:38	73,6	2,04	17,16
02-02-2021	7:32:48	73,6	1,99	17,16
02-02-2021	7:32:58	73,69	2,02	17,16
02-02-2021	7:33:08	73,7	2,03	17,16
02-02-2021	7:33:18	73,7	1,96	17,16
02-02-2021	7:33:28	73,69	2,05	17,16
02-02-2021	7:33:38	73,7	2,01	17,16
02-02-2021	7:33:48	73,69	2,01	17,16
02-02-2021	7:33:58	73,69	1,97	17,16
02-02-2021	7:34:08	73,69	2,01	17,16
02-02-2021	7:34:18	73,69	1,99	17,16
02-02-2021	7:34:28	73,69	1,92	17,16
02-02-2021	7:34:38	73,69	1,94	17,16
02-02-2021	7:34:48	73,69	2,01	17,16
02-02-2021	7:34:58	73,7	1,94	17,16
02-02-2021	7:35:08	73,69	2,06	17,16
02-02-2021	7:35:18	73,8	2	17,16
02-02-2021	7:35:28	73,8	1,95	17,16
02-02-2021	7:35:38	73,8	1,96	17,26
02-02-2021	7:35:48	73,8	1,96	17,26
02-02-2021	7:35:58	73,8	1,94	17,26
02-02-2021	7:36:08	73,69	2,05	17,26
02-02-2021	7:36:18	73,7	2	17,26
02-02-2021	7:36:28	73,69	2,03	17,26
02-02-2021	7:36:38	73,6	2	17,26
02-02-2021	7:36:48	73,6	1,98	17,26
02-02-2021	7:36:58	73,6	1,9	17,26
02-02-2021	7:37:08	73,6	1,98	17,26
02-02-2021	7:37:18	73,6	1,89	17,26
02-02-2021	7:37:28	73,6	2,05	17,26
02-02-2021	7:37:38	73,49	2,02	17,26
02-02-2021	7:37:48	73,49	2,02	17,26
02-02-2021	7:37:58	73,6	1,98	17,26
02-02-2021	7:38:08	73,6	1,97	17,26
02-02-2021	7:38:18	73,69	1,96	17,26
02-02-2021	7:38:28	73,69	1,94	17,26
02-02-2021	7:38:38	73,69	1,96	17,26
02-02-2021	7:38:48	73,8	1,94	17,26
02-02-2021	7:38:58	73,8	2,03	17,26
02-02-2021	7:39:08	73,8	1,89	17,26
02-02-2021	7:39:18	73,8	1,96	17,26
02-02-2021	7:39:28	73,69	1,98	17,26
02-02-2021	7:39:38	73,69	1,93	17,26
02-02-2021	7:39:48	73,69	1,98	17,26
02-02-2021	7:39:58	73,6	1,98	17,26
02-02-2021	7:40:08	73,6	1,97	17,26
02-02-2021	7:40:18	73,6	1,92	17,26
02-02-2021	7:40:28	73,6	2	17,26
02-02-2021	7:40:38	73,6	1,92	17,26
02-02-2021	7:40:48	73,6	1,9	17,26
02-02-2021	7:40:58	73,6	1,91	17,26
02-02-2021	7:41:08	73,6	1,91	17,26
02-02-2021	7:41:18	73,6	2,01	17,26
02-02-2021	7:41:28	73,6	2,02	17,26
02-02-2021	7:41:38	73,49	1,95	17,26
02-02-2021	7:41:48	73,49	1,98	17,26
02-02-2021	7:41:58	73,6	2,02	17,26
02-02-2021	7:42:08	73,6	2	17,26
02-02-2021	7:42:18	73,6	1,94	17,26
02-02-2021	7:42:28	73,6	1,96	17,26
02-02-2021	7:42:38	73,7	2,01	17,26
02-02-2021	7:42:48	73,7	1,97	17,26
02-02-2021	7:42:58	73,69	1,86	17,26
02-02-2021	7:43:08	73,69	1,87	17,26
02-02-2021	7:43:18	73,6	1,98	17,26
02-02-2021	7:43:28	73,6	1,99	17,26
02-02-2021	7:43:38	73,6	1,94	17,26
02-02-2021	7:43:48	73,49	1,99	17,26
02-02-2021	7:43:58	73,49	1,94	17,26
02-02-2021	7:44:08	73,49	2	17,26
02-02-2021	7:44:18	73,49	1,93	17,26
02-02-2021	7:44:28	73,49	1,96	17,26
02-02-2021	7:44:38	73,49	1,99	17,26
02-02-2021	7:44:48	73,49	2,02	17,26
02-02-2021	7:44:58	73,49	2,02	17,26
02-02-2021	7:45:08	73,49	2,01	17,26
02-02-2021	7:45:18	73,49	1,98	17,26
02-02-2021	7:45:28	73,49	1,94	17,26
02-02-2021	7:45:38	73,6	2,02	17,26
02-02-2021	7:45:48	73,7	2	17,26

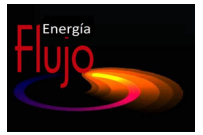
Estacion Meteorologica 395MW



	HR (%)	Pres (mbar)	Temp (°C)
PROMEDIO	73,86	1,98	17,22
DESV EST	0,3030	0,0389	0,0717
%DESV EST	0,41%	1,96%	0,42%
DATOS	361	361	361

DURACIÓN	HR (%)	Pres (mbar)	Temp (°C)
02-02-2021 1:00:00			
02-02-2021 7:45:58	73,8	1,97	17,26
02-02-2021 7:46:08	73,8	1,96	17,26
02-02-2021 7:46:18	73,8	1,91	17,26
02-02-2021 7:46:28	73,8	1,99	17,26
02-02-2021 7:46:38	73,8	2,01	17,26
02-02-2021 7:46:48	73,8	1,92	17,26
02-02-2021 7:46:58	73,8	1,95	17,26
02-02-2021 7:47:08	73,9	1,94	17,26
02-02-2021 7:47:18	73,89	1,93	17,26
02-02-2021 7:47:28	73,9	1,99	17,26
02-02-2021 7:47:38	73,89	1,97	17,26
02-02-2021 7:47:48	73,89	1,94	17,26
02-02-2021 7:47:58	74	1,99	17,26
02-02-2021 7:48:08	74	1,96	17,26
02-02-2021 7:48:18	74	1,94	17,26
02-02-2021 7:48:28	74	2,03	17,26
02-02-2021 7:48:38	74	1,9	17,26
02-02-2021 7:48:48	74	1,92	17,26
02-02-2021 7:48:58	74	1,93	17,26
02-02-2021 7:49:08	74	2,05	17,26
02-02-2021 7:49:18	74	1,96	17,26
02-02-2021 7:49:28	74	1,98	17,26
02-02-2021 7:49:38	74	1,98	17,26
02-02-2021 7:49:48	74	1,99	17,26
02-02-2021 7:49:58	73,89	1,99	17,26
02-02-2021 7:50:08	73,89	2,02	17,26
02-02-2021 7:50:18	73,89	2	17,16
02-02-2021 7:50:28	73,89	2,01	17,16
02-02-2021 7:50:38	73,89	2,01	17,16
02-02-2021 7:50:48	73,9	1,96	17,16
02-02-2021 7:50:58	73,89	2,03	17,16
02-02-2021 7:51:08	73,8	1,98	17,16
02-02-2021 7:51:18	73,8	1,98	17,16
02-02-2021 7:51:28	73,8	1,99	17,26
02-02-2021 7:51:38	73,89	1,99	17,26
02-02-2021 7:51:48	73,9	1,98	17,26
02-02-2021 7:51:58	73,89	1,98	17,26
02-02-2021 7:52:08	73,89	2,05	17,26
02-02-2021 7:52:18	73,9	1,93	17,26
02-02-2021 7:52:28	73,89	1,99	17,26
02-02-2021 7:52:38	73,9	1,97	17,26
02-02-2021 7:52:48	74	1,97	17,26
02-02-2021 7:52:58	74	2	17,26
02-02-2021 7:53:08	74	1,97	17,26
02-02-2021 7:53:18	74	2,02	17,26
02-02-2021 7:53:28	74,1	1,96	17,26
02-02-2021 7:53:38	74,1	1,95	17,26
02-02-2021 7:53:48	74	1,97	17,26
02-02-2021 7:53:58	74	1,97	17,26
02-02-2021 7:54:08	74,1	2,03	17,26
02-02-2021 7:54:18	74,2	2,02	17,26
02-02-2021 7:54:28	74,2	2	17,26
02-02-2021 7:54:38	74,2	2,02	17,26
02-02-2021 7:54:48	74,09	2,03	17,26
02-02-2021 7:54:58	74,1	1,97	17,26
02-02-2021 7:55:08	74	1,96	17,26
02-02-2021 7:55:18	74	2	17,26
02-02-2021 7:55:28	73,9	1,97	17,26
02-02-2021 7:55:38	73,89	1,99	17,26
02-02-2021 7:55:48	73,89	1,98	17,26
02-02-2021 7:55:58	73,8	2,02	17,26
02-02-2021 7:56:08	73,8	2,02	17,26
02-02-2021 7:56:18	73,69	1,93	17,26
02-02-2021 7:56:28	73,69	1,95	17,26
02-02-2021 7:56:38	73,69	1,92	17,26
02-02-2021 7:56:48	73,69	2,02	17,26
02-02-2021 7:56:58	73,8	1,99	17,26
02-02-2021 7:57:08	73,8	1,94	17,26
02-02-2021 7:57:18	73,8	1,94	17,26
02-02-2021 7:57:28	73,9	1,97	17,26
02-02-2021 7:57:38	73,9	1,98	17,26
02-02-2021 7:57:48	73,9	1,92	17,26
02-02-2021 7:57:58	73,89	1,99	17,26
02-02-2021 7:58:08	73,89	1,99	17,26
02-02-2021 7:58:18	73,9	2	17,26
02-02-2021 7:58:28	73,9	1,95	17,26
02-02-2021 7:58:38	73,89	1,9	17,26
02-02-2021 7:58:48	73,8	2	17,26
02-02-2021 7:58:58	73,8	2,03	17,26
02-02-2021 7:59:08	73,8	1,99	17,26
02-02-2021 7:59:18	73,7	1,98	17,26
02-02-2021 7:59:28	73,69	2,03	17,26
02-02-2021 7:59:38	73,69	2,04	17,26
02-02-2021 7:59:48	73,69	1,97	17,26
02-02-2021 7:59:58	73,69	1,97	17,26
02-02-2021 8:00:08	73,7	1,96	17,26
02-02-2021 8:00:18	73,8	1,94	17,26
02-02-2021 8:00:28	73,8	1,99	17,26
02-02-2021 8:00:38	73,89	1,98	17,26
02-02-2021 8:00:48	73,9	1,97	17,26
02-02-2021 8:00:58	73,92	2,04	17,26
02-02-2021 8:01:08	74	2,05	17,26
02-02-2021 8:01:18	74,1	2	17,26
02-02-2021 8:01:28	74,1	1,9	17,26
02-02-2021 8:01:38	74,09	2,05	17,16
02-02-2021 8:01:48	74,1	2	17,16

Estacion Meteorologica 395MW



	HR (%)	Pres (mbar)	Temp (°C)
PROMEDIO	73,86	1,98	17,22
DESV EST	0,3030	0,0389	0,0717
%DESV EST	0,41%	1,96%	0,42%
DATOS	361	361	361

DURACIÓN	1:00:00			
02-02-2021	8:01:58	74,09	2,01	17,16
02-02-2021	8:02:08	74,09	1,93	17,16
02-02-2021	8:02:18	74,1	1,97	17,16
02-02-2021	8:02:28	74,09	1,95	17,16
02-02-2021	8:02:38	74,1	1,96	17,16
02-02-2021	8:02:48	74,09	1,95	17,16
02-02-2021	8:02:58	74,09	1,96	17,16
02-02-2021	8:03:08	74	1,97	17,16
02-02-2021	8:03:18	74	2	17,16
02-02-2021	8:03:28	74	2,03	17,16
02-02-2021	8:03:38	74	1,94	17,16
02-02-2021	8:03:48	74	2,01	17,16
02-02-2021	8:03:58	74	2,04	17,16
02-02-2021	8:04:08	73,89	2,06	17,16
02-02-2021	8:04:18	73,9	1,97	17,16
02-02-2021	8:04:28	73,89	2,01	17,16
02-02-2021	8:04:38	73,89	1,93	17,16
02-02-2021	8:04:48	73,89	2	17,16
02-02-2021	8:04:58	73,89	2,01	17,16
02-02-2021	8:05:08	73,89	1,94	17,16
02-02-2021	8:05:18	73,89	2,01	17,16
02-02-2021	8:05:28	73,89	1,94	17,16
02-02-2021	8:05:38	73,8	2,03	17,16
02-02-2021	8:05:48	73,89	1,91	17,16
02-02-2021	8:05:58	73,89	1,95	17,16
02-02-2021	8:06:08	73,9	2,06	17,16
02-02-2021	8:06:18	73,89	1,97	17,16
02-02-2021	8:06:28	73,89	1,95	17,16
02-02-2021	8:06:38	73,9	1,98	17,16
02-02-2021	8:06:48	73,8	2,01	17,16
02-02-2021	8:06:58	73,8	1,97	17,16
02-02-2021	8:07:08	73,89	1,94	17,16
02-02-2021	8:07:18	73,89	1,98	17,16
02-02-2021	8:07:28	74	2	17,16
02-02-2021	8:07:38	74	1,99	17,16
02-02-2021	8:07:48	74	2,04	17,16
02-02-2021	8:07:58	74	1,98	17,16
02-02-2021	8:08:08	74	1,94	17,16
02-02-2021	8:08:18	74	1,98	17,16
02-02-2021	8:08:28	74	2	17,16
02-02-2021	8:08:38	74,09	1,9	17,16
02-02-2021	8:08:48	74,09	2	17,16
02-02-2021	8:08:58	74,09	1,95	17,16
02-02-2021	8:09:08	74	2,01	17,16
02-02-2021	8:09:18	74	1,97	17,16
02-02-2021	8:09:28	74	2	17,16
02-02-2021	8:09:38	74	1,97	17,16
02-02-2021	8:09:48	74	1,96	17,16
02-02-2021	8:09:58	74	1,94	17,16
02-02-2021	8:10:08	74,1	1,98	17,16
02-02-2021	8:10:18	74,1	1,99	17,16
02-02-2021	8:10:28	74,1	1,97	17,16
02-02-2021	8:10:38	74,1	1,96	17,16
02-02-2021	8:10:48	74,1	2,02	17,16
02-02-2021	8:10:58	74,09	1,94	17,16
02-02-2021	8:11:08	74,09	2,01	17,16
02-02-2021	8:11:18	74,09	1,96	17,16
02-02-2021	8:11:28	74,1	2,04	17,16
02-02-2021	8:11:38	74,09	2	17,16
02-02-2021	8:11:48	74	1,93	17,16
02-02-2021	8:11:58	74	2	17,16
02-02-2021	8:12:08	74	1,98	17,16
02-02-2021	8:12:18	73,89	1,97	17,16
02-02-2021	8:12:28	73,89	2	17,16
02-02-2021	8:12:38	73,89	1,96	17,16
02-02-2021	8:12:48	73,89	1,96	17,16
02-02-2021	8:12:58	74	1,98	17,16
02-02-2021	8:13:08	74,09	1,95	17,16
02-02-2021	8:13:18	74,2	1,92	17,06
02-02-2021	8:13:28	74,2	1,97	17,06
02-02-2021	8:13:38	74,2	1,96	17,07
02-02-2021	8:13:48	74,3	1,94	17,07
02-02-2021	8:13:58	74,29	1,97	17,07
02-02-2021	8:14:08	74,29	1,99	17,06
02-02-2021	8:14:18	74,29	1,94	17,06
02-02-2021	8:14:28	74,3	1,93	17,07
02-02-2021	8:14:38	74,29	1,98	17,06
02-02-2021	8:14:48	74,3	1,99	17,06
02-02-2021	8:14:58	74,2	1,95	17,06
02-02-2021	8:15:08	74,2	2,04	17,06
02-02-2021	8:15:18	74,2	2,05	17,07
02-02-2021	8:15:28	74,2	2,02	17,06
02-02-2021	8:15:38	74,29	2,02	17,06
02-02-2021	8:15:48	74,3	1,95	17,06
02-02-2021	8:15:58	74,3	1,98	17,06
02-02-2021	8:16:08	74,4	1,98	17,06
02-02-2021	8:16:18	74,4	1,95	17,07
02-02-2021	8:16:28	74,4	2,01	17,06
02-02-2021	8:16:38	74,29	1,96	17,06
02-02-2021	8:16:48	74,29	2,01	17,06
02-02-2021	8:16:58	74,29	1,96	17,06
02-02-2021	8:17:08	74,3	1,97	17,07
02-02-2021	8:17:18	74,3	1,99	17,06
02-02-2021	8:17:28	74,29	2	17,07
02-02-2021	8:17:38	74,3	1,96	17,07
02-02-2021	8:17:48	74,4	1,99	17,07

Estacion Meteorologica 395MW



	HR (%)	Pres (mbar)	Temp (°C)
PROMEDIO	73,86	1,98	17,22
DESV EST	0,3030	0,0389	0,0717
%DESV EST	0,41%	1,96%	0,42%
DATOS	361	361	361

DURACIÓN		HR (%)	Pres (mbar)	Temp (°C)
02-02-2021	8:17:58	74,5	1,93	17,16
02-02-2021	8:18:08	74,59	2,02	17,17
02-02-2021	8:18:18	74,59	1,98	17,16
02-02-2021	8:18:28	74,7	1,89	17,17
02-02-2021	8:18:38	74,7	1,92	17,17
02-02-2021	8:18:48	74,7	1,95	17,17
02-02-2021	8:18:58	74,7	2,01	17,17
02-02-2021	8:19:08	74,7	1,93	17,17
02-02-2021	8:19:18	74,7	2	17,17
02-02-2021	8:19:28	74,59	2	17,16
02-02-2021	8:19:38	74,59	2	17,16
02-02-2021	8:19:48	74,5	2	17,16
02-02-2021	8:19:58	74,5	2,01	17,16
02-02-2021	8:20:08	74,4	2	17,16
02-02-2021	8:20:18	74,3	1,98	17,16
02-02-2021	8:20:28	74,29	1,97	17,26
02-02-2021	8:20:38	74,3	1,95	17,26
02-02-2021	8:20:48	74,2	1,98	17,26
02-02-2021	8:20:58	74,2	1,95	17,26
02-02-2021	8:21:08	74,2	1,92	17,26
02-02-2021	8:21:18	74,09	2	17,26
02-02-2021	8:21:28	74	1,94	17,26
02-02-2021	8:21:38	73,89	1,99	17,26
02-02-2021	8:21:48	73,9	1,92	17,26
02-02-2021	8:21:58	73,89	1,94	17,26
02-02-2021	8:22:08	73,8	1,96	17,26
02-02-2021	8:22:18	73,8	2,07	17,26
02-02-2021	8:22:28	73,8	1,99	17,26
02-02-2021	8:22:38	73,7	1,95	17,26
02-02-2021	8:22:48	73,69	2,01	17,26
02-02-2021	8:22:58	73,69	1,94	17,26
02-02-2021	8:23:08	73,6	2	17,36
02-02-2021	8:23:18	73,6	2	17,36
02-02-2021	8:23:28	73,49	2,02	17,36
02-02-2021	8:23:38	73,49	1,95	17,36
02-02-2021	8:23:48	73,4	2,04	17,36
02-02-2021	8:23:58	73,4	1,97	17,36
02-02-2021	8:24:08	73,4	1,93	17,35
02-02-2021	8:24:18	73,4	1,97	17,35
02-02-2021	8:24:28	73,5	1,97	17,36
02-02-2021	8:24:38	73,49	1,96	17,36
02-02-2021	8:24:48	73,4	1,99	17,36
02-02-2021	8:24:58	73,4	2,01	17,36
02-02-2021	8:25:08	73,4	1,99	17,36
02-02-2021	8:25:18	73,4	2,02	17,35
02-02-2021	8:25:28	73,4	1,97	17,36
02-02-2021	8:25:38	73,29	2,01	17,36
02-02-2021	8:25:48	73,3	2,01	17,35
02-02-2021	8:25:58	73,3	2,03	17,36
02-02-2021	8:26:08	73,4	1,99	17,36
02-02-2021	8:26:18	73,4	2,05	17,36
02-02-2021	8:26:28	73,4	2,01	17,36
02-02-2021	8:26:38	73,4	1,93	17,36
02-02-2021	8:26:48	73,4	2,05	17,26
02-02-2021	8:26:58	73,49	1,99	17,26
02-02-2021	8:27:08	73,49	2,04	17,26
02-02-2021	8:27:18	73,49	1,94	17,26
02-02-2021	8:27:28	73,6	2,02	17,26
02-02-2021	8:27:38	73,6	1,98	17,26
02-02-2021	8:27:48	73,69	1,95	17,26
02-02-2021	8:27:58	73,7	1,97	17,26
02-02-2021	8:28:08	73,7	1,9	17,26
02-02-2021	8:28:18	73,8	2,04	17,26
02-02-2021	8:28:28	73,8	1,95	17,26
02-02-2021	8:28:38	73,8	1,97	17,26
02-02-2021	8:28:48	73,89	1,96	17,26
02-02-2021	8:28:58	73,89	2,05	17,26
02-02-2021	8:29:08	73,9	2,07	17,26
02-02-2021	8:29:18	73,9	2,05	17,26
02-02-2021	8:29:28	73,9	1,93	17,26
02-02-2021	8:29:38	73,89	1,93	17,26
02-02-2021	8:29:48	73,89	1,94	17,26
02-02-2021	8:29:58	73,9	2,03	17,26
02-02-2021	8:30:08	73,89	1,93	17,26

Estacion Meteorologica 360MW



	HR (%)	Pres (mbar)	Temp (°C)
PROMEDIO	74,36	1,97	17,28
DESV EST	0,6376	0,0385	0,1558
%DESV EST	0,86%	1,95%	0,90%
DATOS	361	361	361

DURACIÓN		1:00:00			
DATE	TIME	HR (%)	Pres (mbar)	Temp (°C)	
02-02-2021	9:00:08	74,59	2,03	17,36	
02-02-2021	9:00:18	74,59	1,93	17,36	
02-02-2021	9:00:28	74,59	1,99	17,36	
02-02-2021	9:00:38	74,59	1,95	17,36	
02-02-2021	9:00:48	74,5	1,92	17,36	
02-02-2021	9:00:58	74,5	1,92	17,36	
02-02-2021	9:01:08	74,4	2,05	17,36	
02-02-2021	9:01:18	74,4	1,94	17,36	
02-02-2021	9:01:28	74,4	2,01	17,36	
02-02-2021	9:01:38	74,3	2,02	17,36	
02-02-2021	9:01:48	74,3	1,95	17,36	
02-02-2021	9:01:58	74,3	2,04	17,36	
02-02-2021	9:02:08	74,3	1,97	17,36	
02-02-2021	9:02:18	74,29	1,94	17,36	
02-02-2021	9:02:28	74,3	2,04	17,36	
02-02-2021	9:02:38	74,3	1,95	17,36	
02-02-2021	9:02:48	74,4	2,01	17,36	
02-02-2021	9:02:58	74,4	1,92	17,36	
02-02-2021	9:03:08	74,3	1,94	17,36	
02-02-2021	9:03:18	74,3	2,03	17,36	
02-02-2021	9:03:28	74,29	1,95	17,36	
02-02-2021	9:03:38	74,2	1,98	17,36	
02-02-2021	9:03:48	74,2	2,03	17,36	
02-02-2021	9:03:58	74,09	2,02	17,36	
02-02-2021	9:04:08	74,1	1,96	17,36	
02-02-2021	9:04:18	74,1	2	17,36	
02-02-2021	9:04:28	74,1	1,95	17,36	
02-02-2021	9:04:38	74,2	2,04	17,36	
02-02-2021	9:04:48	74,3	1,99	17,36	
02-02-2021	9:04:58	74,3	1,89	17,36	
02-02-2021	9:05:08	74,3	1,91	17,36	
02-02-2021	9:05:18	74,29	1,95	17,36	
02-02-2021	9:05:28	74,3	1,95	17,36	
02-02-2021	9:05:38	74,4	2,02	17,36	
02-02-2021	9:05:48	74,4	2,02	17,36	
02-02-2021	9:05:58	74,4	1,97	17,36	
02-02-2021	9:06:08	74,3	2	17,36	
02-02-2021	9:06:18	74,3	1,98	17,36	
02-02-2021	9:06:28	74,2	2	17,36	
02-02-2021	9:06:38	74,2	1,97	17,36	
02-02-2021	9:06:48	74,2	1,94	17,36	
02-02-2021	9:06:58	74,2	1,96	17,36	
02-02-2021	9:07:08	74,2	1,99	17,36	
02-02-2021	9:07:18	74,2	1,93	17,36	
02-02-2021	9:07:28	74,2	1,98	17,36	
02-02-2021	9:07:38	74,2	1,92	17,36	
02-02-2021	9:07:48	74,2	1,94	17,36	
02-02-2021	9:07:58	74,2	2	17,36	
02-02-2021	9:08:08	74,2	2	17,36	
02-02-2021	9:08:18	74,2	1,9	17,36	
02-02-2021	9:08:28	74,29	2,01	17,36	
02-02-2021	9:08:38	74,3	1,97	17,36	
02-02-2021	9:08:48	74,29	1,96	17,36	
02-02-2021	9:08:58	74,29	1,94	17,36	
02-02-2021	9:09:08	74,3	2	17,36	
02-02-2021	9:09:18	74,29	1,89	17,36	
02-02-2021	9:09:28	74,3	2,05	17,36	
02-02-2021	9:09:38	74,3	1,92	17,36	
02-02-2021	9:09:48	74,3	2,01	17,36	
02-02-2021	9:09:58	74,3	1,93	17,36	
02-02-2021	9:10:08	74,3	1,97	17,36	
02-02-2021	9:10:18	74,3	1,95	17,36	
02-02-2021	9:10:28	74,27	1,98	17,36	
02-02-2021	9:10:38	74,2	1,98	17,36	
02-02-2021	9:10:48	74,2	1,94	17,36	
02-02-2021	9:10:58	74,2	1,98	17,36	
02-02-2021	9:11:08	74,2	1,93	17,36	
02-02-2021	9:11:18	74,2	1,92	17,36	
02-02-2021	9:11:28	74,2	2,02	17,36	
02-02-2021	9:11:38	74,2	1,92	17,36	
02-02-2021	9:11:48	74,2	1,96	17,36	
02-02-2021	9:11:58	74,2	1,92	17,36	
02-02-2021	9:12:08	74,1	1,98	17,36	
02-02-2021	9:12:18	74,2	1,99	17,36	
02-02-2021	9:12:28	74,2	1,96	17,36	
02-02-2021	9:12:38	74,2	1,99	17,36	
02-02-2021	9:12:48	74,1	1,95	17,36	
02-02-2021	9:12:58	74,1	2,02	17,36	
02-02-2021	9:13:08	74,09	1,96	17,36	
02-02-2021	9:13:18	74,09	1,96	17,36	
02-02-2021	9:13:28	74,09	2	17,36	
02-02-2021	9:13:38	74,09	1,93	17,36	
02-02-2021	9:13:48	74,09	2,03	17,36	
02-02-2021	9:13:58	74,1	1,99	17,36	
02-02-2021	9:14:08	74	2,01	17,36	
02-02-2021	9:14:18	74	1,97	17,36	
02-02-2021	9:14:28	74	1,99	17,36	
02-02-2021	9:14:38	74	1,99	17,36	
02-02-2021	9:14:48	73,9	2,01	17,36	
02-02-2021	9:14:58	73,89	1,98	17,36	
02-02-2021	9:15:08	73,89	1,93	17,36	
02-02-2021	9:15:18	73,9	1,97	17,36	
02-02-2021	9:15:28	73,9	1,98	17,36	
02-02-2021	9:15:38	73,9	1,94	17,36	
02-02-2021	9:15:48	73,89	1,95	17,36	

Estacion Meteorologica 360MW



	HR (%)	Pres (mbar)	Temp (°C)
PROMEDIO	74,36	1,97	17,28
DESV EST	0,6376	0,0385	0,1558
%DESV EST	0,86%	1,95%	0,90%
DATOS	361	361	361

DURACIÓN	1:00:00			
02-02-2021	9:15:58	73,89	1,98	17,36
02-02-2021	9:16:08	73,89	1,99	17,36
02-02-2021	9:16:18	73,9	2,02	17,36
02-02-2021	9:16:28	73,9	2,03	17,36
02-02-2021	9:16:38	73,89	1,93	17,36
02-02-2021	9:16:48	73,9	1,95	17,36
02-02-2021	9:16:58	73,8	1,93	17,36
02-02-2021	9:17:08	73,8	1,95	17,36
02-02-2021	9:17:18	73,8	1,93	17,36
02-02-2021	9:17:28	73,9	2,03	17,36
02-02-2021	9:17:38	74	1,96	17,36
02-02-2021	9:17:48	74,1	2,04	17,36
02-02-2021	9:17:58	74,2	2,02	17,36
02-02-2021	9:18:08	74,19	2,03	17,36
02-02-2021	9:18:18	74,09	2,03	17,46
02-02-2021	9:18:28	74	1,92	17,46
02-02-2021	9:18:38	73,89	1,97	17,46
02-02-2021	9:18:48	73,89	1,92	17,46
02-02-2021	9:18:58	73,9	1,94	17,46
02-02-2021	9:19:08	73,8	2,01	17,46
02-02-2021	9:19:18	73,8	1,98	17,46
02-02-2021	9:19:28	73,8	1,99	17,45
02-02-2021	9:19:38	73,8	2,01	17,46
02-02-2021	9:19:48	73,7	1,92	17,46
02-02-2021	9:19:58	73,69	1,97	17,46
02-02-2021	9:20:08	73,7	1,89	17,45
02-02-2021	9:20:18	73,6	2,02	17,46
02-02-2021	9:20:28	73,6	1,99	17,46
02-02-2021	9:20:38	73,6	1,93	17,45
02-02-2021	9:20:48	73,6	2	17,45
02-02-2021	9:20:58	73,6	1,98	17,46
02-02-2021	9:21:08	73,6	1,95	17,46
02-02-2021	9:21:18	73,7	1,98	17,46
02-02-2021	9:21:28	73,6	2,06	17,46
02-02-2021	9:21:38	73,5	1,92	17,46
02-02-2021	9:21:48	73,48	1,98	17,45
02-02-2021	9:21:58	73,4	1,96	17,46
02-02-2021	9:22:08	73,3	1,96	17,45
02-02-2021	9:22:18	73,29	1,98	17,45
02-02-2021	9:22:28	73,29	1,98	17,46
02-02-2021	9:22:38	73,2	2,03	17,45
02-02-2021	9:22:48	73,11	2,01	17,45
02-02-2021	9:22:58	73,1	1,95	17,45
02-02-2021	9:23:08	73	1,99	17,45
02-02-2021	9:23:18	73	1,93	17,45
02-02-2021	9:23:28	73	1,91	17,45
02-02-2021	9:23:38	73	1,95	17,45
02-02-2021	9:23:48	73,11	1,94	17,45
02-02-2021	9:23:58	73,11	1,93	17,45
02-02-2021	9:24:08	73,11	1,94	17,45
02-02-2021	9:24:18	73,11	1,96	17,45
02-02-2021	9:24:28	73,2	1,99	17,45
02-02-2021	9:24:38	73,2	1,91	17,45
02-02-2021	9:24:48	73,2	1,98	17,45
02-02-2021	9:24:58	73,29	1,91	17,46
02-02-2021	9:25:08	73,29	1,95	17,45
02-02-2021	9:25:18	73,29	2,05	17,45
02-02-2021	9:25:28	73,29	2,03	17,45
02-02-2021	9:25:38	73,3	1,95	17,36
02-02-2021	9:25:48	73,4	2,01	17,36
02-02-2021	9:25:58	73,49	2	17,36
02-02-2021	9:26:08	73,49	2	17,36
02-02-2021	9:26:18	73,6	1,95	17,35
02-02-2021	9:26:28	73,7	1,98	17,36
02-02-2021	9:26:38	73,69	1,93	17,36
02-02-2021	9:26:48	73,7	2,03	17,36
02-02-2021	9:26:58	73,8	2,01	17,36
02-02-2021	9:27:08	73,8	2	17,36
02-02-2021	9:27:18	73,8	1,98	17,36
02-02-2021	9:27:28	73,8	1,95	17,36
02-02-2021	9:27:38	73,89	1,98	17,36
02-02-2021	9:27:48	73,89	1,97	17,36
02-02-2021	9:27:58	73,89	2,02	17,36
02-02-2021	9:28:08	74	1,96	17,36
02-02-2021	9:28:18	74,1	1,97	17,36
02-02-2021	9:28:28	74,09	1,95	17,36
02-02-2021	9:28:38	74,2	1,9	17,36
02-02-2021	9:28:48	74,2	1,98	17,36
02-02-2021	9:28:58	74,1	1,94	17,36
02-02-2021	9:29:08	74,1	2,06	17,36
02-02-2021	9:29:18	74,1	2,02	17,36
02-02-2021	9:29:28	74,1	1,94	17,36
02-02-2021	9:29:38	74,1	2,01	17,36
02-02-2021	9:29:48	74,1	1,96	17,36
02-02-2021	9:29:58	74,09	1,95	17,36
02-02-2021	9:30:08	74,1	1,98	17,36
02-02-2021	9:30:18	74	2	17,36
02-02-2021	9:30:28	74	2,02	17,36
02-02-2021	9:30:38	74	1,98	17,36
02-02-2021	9:30:48	74	2,01	17,36
02-02-2021	9:30:58	74	1,94	17,36
02-02-2021	9:31:08	74	1,98	17,36
02-02-2021	9:31:18	74	1,88	17,36
02-02-2021	9:31:28	74	1,98	17,36
02-02-2021	9:31:38	74	1,98	17,36
02-02-2021	9:31:48	74,09	1,97	17,36

Estacion Meteorologica 360MW



	HR (%)	Pres (mbar)	Temp (°C)
PROMEDIO	74,36	1,97	17,28
DESV EST	0,6376	0,0385	0,1558
%DESV EST	0,86%	1,95%	0,90%
DATOS	361	361	361

DURACIÓN	1:00:00			
02-02-2021	9:31:58	74,09	1,98	17,36
02-02-2021	9:32:08	74,09	1,99	17,36
02-02-2021	9:32:18	74,1	1,96	17,36
02-02-2021	9:32:28	74,09	1,97	17,36
02-02-2021	9:32:38	74,1	1,96	17,36
02-02-2021	9:32:48	74,1	1,96	17,36
02-02-2021	9:32:58	74,1	1,9	17,36
02-02-2021	9:33:08	74	1,99	17,36
02-02-2021	9:33:18	74	1,98	17,36
02-02-2021	9:33:28	74	2,04	17,36
02-02-2021	9:33:38	74	2	17,36
02-02-2021	9:33:48	74	1,9	17,36
02-02-2021	9:33:58	74	2,03	17,36
02-02-2021	9:34:08	73,89	2,02	17,36
02-02-2021	9:34:18	73,9	1,92	17,36
02-02-2021	9:34:28	73,89	2	17,36
02-02-2021	9:34:38	73,89	1,99	17,36
02-02-2021	9:34:48	73,89	2,02	17,36
02-02-2021	9:34:58	73,8	1,92	17,36
02-02-2021	9:35:08	73,8	1,9	17,36
02-02-2021	9:35:18	73,8	1,93	17,36
02-02-2021	9:35:28	73,8	1,93	17,36
02-02-2021	9:35:38	73,8	2,03	17,36
02-02-2021	9:35:48	73,8	2,01	17,36
02-02-2021	9:35:58	73,8	1,9	17,46
02-02-2021	9:36:08	73,8	1,9	17,46
02-02-2021	9:36:18	73,8	1,94	17,46
02-02-2021	9:36:28	73,8	2,02	17,46
02-02-2021	9:36:38	73,8	1,94	17,46
02-02-2021	9:36:48	73,8	2,01	17,46
02-02-2021	9:36:58	73,8	1,95	17,46
02-02-2021	9:37:08	73,8	1,98	17,46
02-02-2021	9:37:18	73,8	2,01	17,45
02-02-2021	9:37:28	73,8	1,97	17,46
02-02-2021	9:37:38	73,8	1,93	17,46
02-02-2021	9:37:48	73,9	1,96	17,46
02-02-2021	9:37:58	73,89	2,01	17,36
02-02-2021	9:38:08	74	2,04	17,36
02-02-2021	9:38:18	74	1,98	17,36
02-02-2021	9:38:28	74	2,03	17,36
02-02-2021	9:38:38	74	2,03	17,36
02-02-2021	9:38:48	74,1	1,96	17,36
02-02-2021	9:38:58	74,1	2,03	17,36
02-02-2021	9:39:08	74,09	1,96	17,36
02-02-2021	9:39:18	74,2	2,04	17,36
02-02-2021	9:39:28	74,2	1,97	17,36
02-02-2021	9:39:38	74,3	1,94	17,36
02-02-2021	9:39:48	74,3	1,99	17,36
02-02-2021	9:39:58	74,3	2,02	17,36
02-02-2021	9:40:08	74,4	2,02	17,36
02-02-2021	9:40:18	74,5	2,01	17,36
02-02-2021	9:40:28	74,59	2	17,26
02-02-2021	9:40:38	74,59	1,96	17,26
02-02-2021	9:40:48	74,59	1,97	17,26
02-02-2021	9:40:58	74,59	1,97	17,26
02-02-2021	9:41:08	74,59	2,03	17,26
02-02-2021	9:41:18	74,7	1,97	17,26
02-02-2021	9:41:28	74,7	1,94	17,26
02-02-2021	9:41:38	74,79	1,99	17,26
02-02-2021	9:41:48	74,89	1,95	17,27
02-02-2021	9:41:58	74,9	1,98	17,27
02-02-2021	9:42:08	74,99	1,91	17,26
02-02-2021	9:42:18	74,99	2,04	17,27
02-02-2021	9:42:28	75,1	1,96	17,26
02-02-2021	9:42:38	75,19	1,97	17,26
02-02-2021	9:42:48	75,19	1,94	17,17
02-02-2021	9:42:58	75,29	2,01	17,17
02-02-2021	9:43:08	75,39	1,95	17,17
02-02-2021	9:43:18	75,39	1,94	17,17
02-02-2021	9:43:28	75,39	1,97	17,17
02-02-2021	9:43:38	75,39	1,94	17,17
02-02-2021	9:43:48	75,39	1,94	17,17
02-02-2021	9:43:58	75,5	1,96	17,17
02-02-2021	9:44:08	75,5	1,99	17,17
02-02-2021	9:44:18	75,5	1,97	17,17
02-02-2021	9:44:28	75,5	1,98	17,07
02-02-2021	9:44:38	75,39	1,97	17,07
02-02-2021	9:44:48	75,39	1,99	17,07
02-02-2021	9:44:58	75,3	2,01	17,07
02-02-2021	9:45:08	75,3	2,01	17,07
02-02-2021	9:45:18	75,3	1,99	17,07
02-02-2021	9:45:28	75,19	1,95	17,07
02-02-2021	9:45:38	75,3	2,01	17,07
02-02-2021	9:45:48	75,3	2	17,07
02-02-2021	9:45:58	75,3	2	17,07
02-02-2021	9:46:08	75,39	2,01	17,07
02-02-2021	9:46:18	75,39	2,02	17,07
02-02-2021	9:46:28	75,39	1,94	17,07
02-02-2021	9:46:38	75,39	1,93	17,07
02-02-2021	9:46:48	75,3	2	17,07
02-02-2021	9:46:58	75,3	1,97	17,07
02-02-2021	9:47:08	75,19	1,91	17,07
02-02-2021	9:47:18	75,19	1,93	17,07
02-02-2021	9:47:28	75,1	2,04	17,07
02-02-2021	9:47:38	75,1	1,98	17,07
02-02-2021	9:47:48	75,1	1,98	17,07

Estacion Meteorologica 360MW



	HR (%)	Pres (mbar)	Temp (°C)
PROMEDIO	74,36	1,97	17,28
DESV EST	0,6376	0,0385	0,1558
%DESV EST	0,86%	1,95%	0,90%
DATOS	361	361	361

DURACIÓN		HR (%)	Pres (mbar)	Temp (°C)
02-02-2021	1:00:00			
02-02-2021	9:47:58	75,1	1,91	16,97
02-02-2021	9:48:08	75,1	1,94	16,97
02-02-2021	9:48:18	74,99	2,03	16,97
02-02-2021	9:48:28	74,99	1,97	16,97
02-02-2021	9:48:38	74,99	2	16,97
02-02-2021	9:48:48	74,9	1,95	16,97
02-02-2021	9:48:58	74,9	1,97	16,97
02-02-2021	9:49:08	74,9	1,88	16,97
02-02-2021	9:49:18	74,79	1,93	16,97
02-02-2021	9:49:28	74,79	1,99	16,97
02-02-2021	9:49:38	74,7	1,93	16,97
02-02-2021	9:49:48	74,79	1,94	16,97
02-02-2021	9:49:58	74,79	2,02	16,97
02-02-2021	9:50:08	74,9	1,94	16,97
02-02-2021	9:50:18	74,99	1,98	16,97
02-02-2021	9:50:28	74,99	2	16,97
02-02-2021	9:50:38	74,99	1,99	16,97
02-02-2021	9:50:48	75,1	1,95	16,97
02-02-2021	9:50:58	75,1	2,03	17,07
02-02-2021	9:51:08	75,19	1,98	17,07
02-02-2021	9:51:18	75,19	1,97	17,07
02-02-2021	9:51:28	75,1	1,97	17,07
02-02-2021	9:51:38	75,1	1,94	17,07
02-02-2021	9:51:48	75,1	1,98	17,07
02-02-2021	9:51:58	75,1	2,04	17,07
02-02-2021	9:52:08	75,1	1,94	17,07
02-02-2021	9:52:18	75,1	2	17,07
02-02-2021	9:52:28	75,1	2	17,07
02-02-2021	9:52:38	75,1	1,9	17,07
02-02-2021	9:52:48	75,19	1,95	17,07
02-02-2021	9:52:58	75,19	1,92	17,07
02-02-2021	9:53:08	75,3	1,93	17,07
02-02-2021	9:53:18	75,3	1,97	17,07
02-02-2021	9:53:28	75,39	1,94	17,07
02-02-2021	9:53:38	75,3	2	17,07
02-02-2021	9:53:48	75,3	2,03	17,07
02-02-2021	9:53:58	75,3	2,01	17,07
02-02-2021	9:54:08	75,3	1,99	17,07
02-02-2021	9:54:18	75,3	1,97	17,07
02-02-2021	9:54:28	75,3	1,96	17,07
02-02-2021	9:54:38	75,3	1,96	17,07
02-02-2021	9:54:48	75,19	1,93	17,07
02-02-2021	9:54:58	75,19	1,95	17,07
02-02-2021	9:55:08	75,19	2	16,97
02-02-2021	9:55:18	75,19	1,99	16,97
02-02-2021	9:55:28	75,19	1,95	16,97
02-02-2021	9:55:38	75,19	1,98	16,97
02-02-2021	9:55:48	75,3	1,94	16,97
02-02-2021	9:55:58	75,3	2	16,97
02-02-2021	9:56:08	75,3	2,01	16,97
02-02-2021	9:56:18	75,3	2,02	16,97
02-02-2021	9:56:28	75,3	2,02	16,97
02-02-2021	9:56:38	75,3	1,99	16,97
02-02-2021	9:56:48	75,3	2	16,97
02-02-2021	9:56:58	75,3	1,97	17,07
02-02-2021	9:57:08	75,39	2,01	17,07
02-02-2021	9:57:18	75,39	1,94	17,07
02-02-2021	9:57:28	75,39	1,91	17,07
02-02-2021	9:57:38	75,39	2	17,07
02-02-2021	9:57:48	75,39	1,9	17,07
02-02-2021	9:57:58	75,33	1,98	17,07
02-02-2021	9:58:08	75,3	2,03	17,07
02-02-2021	9:58:18	75,19	2,04	17,07
02-02-2021	9:58:28	75,19	1,91	17,07
02-02-2021	9:58:38	75,19	2,02	17,07
02-02-2021	9:58:48	75,19	1,99	17,07
02-02-2021	9:58:58	75,1	2,02	17,07
02-02-2021	9:59:08	75,1	1,97	17,07
02-02-2021	9:59:18	75,1	1,96	17,07
02-02-2021	9:59:28	75,1	2,05	17,07
02-02-2021	9:59:38	75,1	2	17,07
02-02-2021	9:59:48	75,1	2,01	17,07
02-02-2021	9:59:58	75,1	1,97	17,07
02-02-2021	10:00:08	75,1	1,97	17,07

Estacion Meteorologica 325MW



	HR (%)	Pres (mbar)	Temp (°C)
PROMEDIO	71,34	1,98	17,75
DESV EST	1,5152	0,0398	0,3646
%DESV EST	2,12%	2,01%	2,05%
DATOS	361	361	361

DURACIÓN 1:00:00

DATE	TIME	HR (%)	Pres (mbar)	Temp (°C)
02-02-2021	10:30:08	74,59	1,91	17,07
02-02-2021	10:30:18	74,59	1,98	17,07
02-02-2021	10:30:28	74,49	1,96	17,07
02-02-2021	10:30:38	74,4	1,99	17,07
02-02-2021	10:30:48	74,4	1,93	17,07
02-02-2021	10:30:58	74,4	1,92	17,06
02-02-2021	10:31:08	74,29	1,93	17,06
02-02-2021	10:31:18	74,29	2,01	17,06
02-02-2021	10:31:28	74,2	2,01	17,07
02-02-2021	10:31:38	74,2	1,95	17,07
02-02-2021	10:31:48	74,2	1,98	17,07
02-02-2021	10:31:58	74,2	1,98	17,06
02-02-2021	10:32:08	74,2	1,95	17,07
02-02-2021	10:32:18	74,1	1,98	17,06
02-02-2021	10:32:28	74,09	1,9	17,06
02-02-2021	10:32:38	74,09	2,03	17,06
02-02-2021	10:32:48	74,09	1,93	17,06
02-02-2021	10:32:58	74,1	1,96	17,06
02-02-2021	10:33:08	74,1	2,01	17,06
02-02-2021	10:33:18	74,09	1,94	17,06
02-02-2021	10:33:28	74,09	1,91	17,16
02-02-2021	10:33:38	74	1,97	17,16
02-02-2021	10:33:48	74	2,02	17,16
02-02-2021	10:33:58	74	2,02	17,16
02-02-2021	10:34:08	74	1,93	17,16
02-02-2021	10:34:18	74	1,91	17,16
02-02-2021	10:34:28	73,89	1,92	17,16
02-02-2021	10:34:38	73,9	1,9	17,16
02-02-2021	10:34:48	73,9	1,98	17,16
02-02-2021	10:34:58	73,8	1,96	17,16
02-02-2021	10:35:08	73,69	1,95	17,16
02-02-2021	10:35:18	73,6	1,98	17,16
02-02-2021	10:35:28	73,4	1,97	17,16
02-02-2021	10:35:38	73,29	2,01	17,26
02-02-2021	10:35:48	73,29	2,01	17,26
02-02-2021	10:35:58	73,2	1,9	17,25
02-02-2021	10:36:08	73,11	1,98	17,26
02-02-2021	10:36:18	73	2,03	17,26
02-02-2021	10:36:28	73	1,93	17,26
02-02-2021	10:36:38	72,9	2	17,26
02-02-2021	10:36:48	72,9	1,93	17,26
02-02-2021	10:36:58	72,8	1,98	17,25
02-02-2021	10:37:08	72,8	1,96	17,26
02-02-2021	10:37:18	72,8	1,92	17,26
02-02-2021	10:37:28	72,8	1,98	17,25
02-02-2021	10:37:38	72,8	1,93	17,26
02-02-2021	10:37:48	72,91	1,9	17,26
02-02-2021	10:37:58	72,9	1,93	17,25
02-02-2021	10:38:08	72,91	2,04	17,25
02-02-2021	10:38:18	72,91	2,06	17,26
02-02-2021	10:38:28	73	1,93	17,26
02-02-2021	10:38:38	73,11	1,92	17,26
02-02-2021	10:38:48	73,2	1,89	17,35
02-02-2021	10:38:58	73,2	2,01	17,35
02-02-2021	10:39:08	73,2	1,97	17,35
02-02-2021	10:39:18	73,2	1,98	17,35
02-02-2021	10:39:28	73,11	1,99	17,36
02-02-2021	10:39:38	73,11	1,94	17,35
02-02-2021	10:39:48	73,11	1,98	17,35
02-02-2021	10:39:58	73,11	1,92	17,35
02-02-2021	10:40:08	73	1,91	17,35
02-02-2021	10:40:18	73	1,92	17,35
02-02-2021	10:40:28	73	1,93	17,36
02-02-2021	10:40:38	73	1,89	17,35
02-02-2021	10:40:48	73	1,94	17,35
02-02-2021	10:40:58	72,91	2,01	17,35
02-02-2021	10:41:08	72,9	1,95	17,35
02-02-2021	10:41:18	72,91	1,91	17,36
02-02-2021	10:41:28	72,9	1,94	17,35
02-02-2021	10:41:38	72,8	1,93	17,35
02-02-2021	10:41:48	72,8	1,97	17,35
02-02-2021	10:41:58	72,8	1,95	17,35
02-02-2021	10:42:08	72,8	1,93	17,35
02-02-2021	10:42:18	72,8	1,98	17,35
02-02-2021	10:42:28	72,8	1,97	17,35
02-02-2021	10:42:38	72,8	1,92	17,35
02-02-2021	10:42:48	72,8	1,96	17,35
02-02-2021	10:42:58	72,8	2	17,35
02-02-2021	10:43:08	72,8	1,99	17,35
02-02-2021	10:43:18	72,8	1,89	17,35
02-02-2021	10:43:28	72,8	1,92	17,35
02-02-2021	10:43:38	72,8	1,97	17,35
02-02-2021	10:43:48	72,8	2,04	17,35
02-02-2021	10:43:58	72,8	2	17,36
02-02-2021	10:44:08	72,8	1,91	17,35
02-02-2021	10:44:18	72,8	1,96	17,35
02-02-2021	10:44:28	72,8	1,99	17,45
02-02-2021	10:44:38	72,8	1,93	17,45
02-02-2021	10:44:48	72,8	1,97	17,45
02-02-2021	10:44:58	72,8	1,99	17,45
02-02-2021	10:45:08	72,91	1,92	17,45
02-02-2021	10:45:18	72,91	2,02	17,45
02-02-2021	10:45:28	72,91	1,99	17,45
02-02-2021	10:45:38	73	2,03	17,45
02-02-2021	10:45:48	73,11	2,01	17,45
02-02-2021	10:45:58	73,2	1,97	17,45

Estacion Meteorologica 325MW



	HR (%)	Pres (mbar)	Temp (°C)
PROMEDIO	71,34	1,98	17,75
DESV EST	1,5152	0,0398	0,3646
%DESV EST	2,12%	2,01%	2,05%
DATOS	361	361	361

DURACIÓN				
	1:00:00			
02-02-2021	10:46:08	73,3	1,98	17,45
02-02-2021	10:46:18	73,2	1,95	17,45
02-02-2021	10:46:28	73,11	1,98	17,55
02-02-2021	10:46:38	73	2,02	17,55
02-02-2021	10:46:48	73	1,98	17,55
02-02-2021	10:46:58	73	2,02	17,55
02-02-2021	10:47:08	72,91	2,03	17,55
02-02-2021	10:47:18	72,8	1,99	17,55
02-02-2021	10:47:28	72,71	2,06	17,55
02-02-2021	10:47:38	72,6	1,91	17,65
02-02-2021	10:47:48	72,4	2	17,65
02-02-2021	10:47:58	72,4	1,99	17,65
02-02-2021	10:48:08	72,4	1,98	17,65
02-02-2021	10:48:18	72,4	2	17,65
02-02-2021	10:48:28	72,4	1,92	17,65
02-02-2021	10:48:38	72,4	2	17,75
02-02-2021	10:48:48	72,31	1,95	17,74
02-02-2021	10:48:58	72,2	2,03	17,75
02-02-2021	10:49:08	72,01	2,02	17,74
02-02-2021	10:49:18	71,81	1,99	17,74
02-02-2021	10:49:28	71,51	1,92	17,74
02-02-2021	10:49:38	71,41	1,97	17,74
02-02-2021	10:49:48	71,21	1,94	17,74
02-02-2021	10:49:58	71,1	2	17,74
02-02-2021	10:50:08	71,1	2,03	17,74
02-02-2021	10:50:18	71,01	1,96	17,84
02-02-2021	10:50:28	70,92	2,02	17,84
02-02-2021	10:50:38	70,81	1,98	17,84
02-02-2021	10:50:48	70,81	1,95	17,84
02-02-2021	10:50:58	70,81	2	17,84
02-02-2021	10:51:08	70,71	2	17,84
02-02-2021	10:51:18	70,61	2,02	17,84
02-02-2021	10:51:28	70,51	1,94	17,83
02-02-2021	10:51:38	70,41	2,03	17,83
02-02-2021	10:51:48	70,31	2,02	17,83
02-02-2021	10:51:58	70,32	1,98	17,83
02-02-2021	10:52:08	70,31	1,96	17,84
02-02-2021	10:52:18	70,31	1,96	17,84
02-02-2021	10:52:28	70,31	2,01	17,84
02-02-2021	10:52:38	70,41	2	17,83
02-02-2021	10:52:48	70,41	2,02	17,84
02-02-2021	10:52:58	70,52	1,94	17,83
02-02-2021	10:53:08	70,52	2,02	17,83
02-02-2021	10:53:18	70,51	1,97	17,84
02-02-2021	10:53:28	70,61	1,93	17,84
02-02-2021	10:53:38	70,61	1,97	17,83
02-02-2021	10:53:48	70,72	2,05	17,83
02-02-2021	10:53:58	70,81	1,95	17,84
02-02-2021	10:54:08	70,81	1,95	17,84
02-02-2021	10:54:18	70,81	1,91	17,84
02-02-2021	10:54:28	70,92	2,02	17,84
02-02-2021	10:54:38	70,92	1,94	17,84
02-02-2021	10:54:48	70,91	1,96	17,84
02-02-2021	10:54:58	71,01	1,94	17,84
02-02-2021	10:55:08	71,01	2,03	17,84
02-02-2021	10:55:18	71,01	2,01	17,84
02-02-2021	10:55:28	71,01	2,06	17,84
02-02-2021	10:55:38	70,92	1,96	17,83
02-02-2021	10:55:48	70,92	1,91	17,84
02-02-2021	10:55:58	70,92	2	17,74
02-02-2021	10:56:08	70,91	1,93	17,74
02-02-2021	10:56:18	71,01	1,93	17,74
02-02-2021	10:56:28	71,01	2,02	17,74
02-02-2021	10:56:38	71,01	2,02	17,74
02-02-2021	10:56:48	71,01	1,96	17,74
02-02-2021	10:56:58	71,1	2,01	17,74
02-02-2021	10:57:08	71,1	1,95	17,74
02-02-2021	10:57:18	71,1	1,97	17,74
02-02-2021	10:57:28	71,1	2,01	17,74
02-02-2021	10:57:38	71,21	1,98	17,74
02-02-2021	10:57:48	71,21	2,03	17,74
02-02-2021	10:57:58	71,21	1,95	17,74
02-02-2021	10:58:08	71,21	2,04	17,74
02-02-2021	10:58:18	71,3	1,92	17,74
02-02-2021	10:58:28	71,3	1,98	17,74
02-02-2021	10:58:38	71,3	2,05	17,64
02-02-2021	10:58:48	71,41	1,98	17,64
02-02-2021	10:58:58	71,41	2,02	17,64
02-02-2021	10:59:08	71,5	2,02	17,64
02-02-2021	10:59:18	71,5	1,89	17,64
02-02-2021	10:59:28	71,61	1,97	17,64
02-02-2021	10:59:38	71,61	2,04	17,64
02-02-2021	10:59:48	71,61	2,01	17,64
02-02-2021	10:59:58	71,7	1,93	17,64
02-02-2021	11:00:08	71,7	2,03	17,64
02-02-2021	11:00:18	71,7	1,91	17,64
02-02-2021	11:00:28	71,81	1,95	17,64
02-02-2021	11:00:38	71,81	1,99	17,64
02-02-2021	11:00:48	71,81	2,01	17,64
02-02-2021	11:00:58	71,81	1,95	17,64
02-02-2021	11:01:08	71,81	2,03	17,65
02-02-2021	11:01:18	71,81	1,97	17,64
02-02-2021	11:01:28	71,9	2	17,64
02-02-2021	11:01:38	71,91	1,98	17,64
02-02-2021	11:01:48	71,9	2	17,64
02-02-2021	11:01:58	71,81	2	17,64
02-02-2021	11:02:08	71,81	2,03	17,64

Estacion Meteorologica 325MW



	HR (%)	Pres (mbar)	Temp (°C)
PROMEDIO	71,34	1,98	17,75
DESV EST	1,5152	0,0398	0,3646
%DESV EST	2,12%	2,01%	2,05%
DATOS	361	361	361

DURACIÓN				
	1:00:00			
02-02-2021	11:02:18	71,81	1,96	17,64
02-02-2021	11:02:28	71,81	1,98	17,64
02-02-2021	11:02:38	71,81	1,98	17,64
02-02-2021	11:02:48	71,81	1,98	17,64
02-02-2021	11:02:58	71,7	1,92	17,64
02-02-2021	11:03:08	71,7	1,99	17,64
02-02-2021	11:03:18	71,7	1,96	17,64
02-02-2021	11:03:28	71,7	1,99	17,64
02-02-2021	11:03:38	71,7	1,93	17,64
02-02-2021	11:03:48	71,7	1,97	17,65
02-02-2021	11:03:58	71,61	2,03	17,64
02-02-2021	11:04:08	71,61	2	17,64
02-02-2021	11:04:18	71,61	2,04	17,64
02-02-2021	11:04:28	71,61	1,97	17,64
02-02-2021	11:04:38	71,61	2,01	17,64
02-02-2021	11:04:48	71,5	1,94	17,64
02-02-2021	11:04:58	71,5	2,01	17,64
02-02-2021	11:05:08	71,41	1,95	17,64
02-02-2021	11:05:18	71,41	1,94	17,64
02-02-2021	11:05:28	71,41	2,03	17,64
02-02-2021	11:05:38	71,41	2,05	17,64
02-02-2021	11:05:48	71,41	1,97	17,64
02-02-2021	11:05:58	71,41	1,97	17,64
02-02-2021	11:06:08	71,3	2	17,74
02-02-2021	11:06:18	71,3	1,96	17,74
02-02-2021	11:06:28	71,3	2,04	17,74
02-02-2021	11:06:38	71,41	2	17,74
02-02-2021	11:06:48	71,41	2,03	17,74
02-02-2021	11:06:58	71,5	2,05	17,74
02-02-2021	11:07:08	71,5	1,97	17,84
02-02-2021	11:07:18	71,5	1,94	17,84
02-02-2021	11:07:28	71,41	2,04	17,84
02-02-2021	11:07:38	71,41	2,01	17,94
02-02-2021	11:07:48	71,3	1,97	17,94
02-02-2021	11:07:58	71,21	1,95	17,94
02-02-2021	11:08:08	71,1	1,97	17,93
02-02-2021	11:08:18	71,1	2	18,05
02-02-2021	11:08:28	71,01	1,96	18,05
02-02-2021	11:08:38	70,81	1,9	18,05
02-02-2021	11:08:48	70,81	2	18,05
02-02-2021	11:08:58	70,71	2,05	18,05
02-02-2021	11:09:08	70,61	1,99	18,05
02-02-2021	11:09:18	70,61	2,01	18,05
02-02-2021	11:09:28	70,61	1,96	18,05
02-02-2021	11:09:38	70,61	2	18,05
02-02-2021	11:09:48	70,61	1,94	18,05
02-02-2021	11:09:58	70,61	1,94	18,05
02-02-2021	11:10:08	70,61	1,98	18,05
02-02-2021	11:10:18	70,61	1,95	18,05
02-02-2021	11:10:28	70,61	1,94	18,05
02-02-2021	11:10:38	70,61	1,93	18,05
02-02-2021	11:10:48	70,61	1,95	18,05
02-02-2021	11:10:58	70,52	1,97	18,05
02-02-2021	11:11:08	70,31	1,92	18,15
02-02-2021	11:11:18	70,31	1,99	18,15
02-02-2021	11:11:28	70,21	1,93	18,14
02-02-2021	11:11:38	70,21	1,97	18,15
02-02-2021	11:11:48	70,21	1,97	18,15
02-02-2021	11:11:58	70,12	1,94	18,25
02-02-2021	11:12:08	69,91	2,02	18,24
02-02-2021	11:12:18	69,83	1,92	18,24
02-02-2021	11:12:28	69,71	1,92	18,24
02-02-2021	11:12:38	69,71	1,94	18,24
02-02-2021	11:12:48	69,62	2,04	18,24
02-02-2021	11:12:58	69,51	1,94	18,34
02-02-2021	11:13:08	69,51	1,96	18,34
02-02-2021	11:13:18	69,42	1,94	18,34
02-02-2021	11:13:28	69,31	2,01	18,34
02-02-2021	11:13:38	69,22	2,01	18,34
02-02-2021	11:13:48	69,22	1,95	18,34
02-02-2021	11:13:58	69,22	2,03	18,34
02-02-2021	11:14:08	69,22	1,97	18,34
02-02-2021	11:14:18	69,31	1,96	18,34
02-02-2021	11:14:28	69,31	1,99	18,34
02-02-2021	11:14:38	69,31	1,97	18,34
02-02-2021	11:14:48	69,31	1,95	18,34
02-02-2021	11:14:58	69,22	1,96	18,34
02-02-2021	11:15:08	69,22	1,99	18,34
02-02-2021	11:15:18	69,22	1,99	18,34
02-02-2021	11:15:28	69,11	1,92	18,34
02-02-2021	11:15:38	69,11	2,03	18,34
02-02-2021	11:15:48	69,11	1,96	18,34
02-02-2021	11:15:58	69,22	2,01	18,34
02-02-2021	11:16:08	69,22	1,99	18,34
02-02-2021	11:16:18	69,22	2	18,34
02-02-2021	11:16:28	69,11	2,04	18,34
02-02-2021	11:16:38	69,12	1,96	18,34
02-02-2021	11:16:48	69,22	1,93	18,34
02-02-2021	11:16:58	69,22	1,92	18,24
02-02-2021	11:17:08	69,22	1,94	18,24
02-02-2021	11:17:18	69,11	2,01	18,24
02-02-2021	11:17:28	69,11	2,01	18,24
02-02-2021	11:17:38	69,11	1,96	18,24
02-02-2021	11:17:48	69,11	1,98	18,24
02-02-2021	11:17:58	69,11	1,97	18,24
02-02-2021	11:18:08	69,22	2,01	18,24
02-02-2021	11:18:18	69,22	1,96	18,24

Estacion Meteorologica 325MW



	HR (%)	Pres (mbar)	Temp (°C)
PROMEDIO	71,34	1,98	17,75
DESV EST	1,5152	0,0398	0,3646
%DESV EST	2,12%	2,01%	2,05%
DATOS	361	361	361

DURACIÓN				
	1:00:00			
02-02-2021	11:18:28	69,31	1,97	18,24
02-02-2021	11:18:38	69,31	1,97	18,24
02-02-2021	11:18:48	69,42	1,92	18,14
02-02-2021	11:18:58	69,42	1,98	18,14
02-02-2021	11:19:08	69,42	2,01	18,14
02-02-2021	11:19:18	69,42	1,92	18,14
02-02-2021	11:19:28	69,42	1,95	18,14
02-02-2021	11:19:38	69,42	2,03	18,14
02-02-2021	11:19:48	69,42	1,93	18,14
02-02-2021	11:19:58	69,51	1,94	18,14
02-02-2021	11:20:08	69,51	1,98	18,14
02-02-2021	11:20:18	69,62	1,96	18,14
02-02-2021	11:20:28	69,72	2,03	18,15
02-02-2021	11:20:38	69,71	1,99	18,14
02-02-2021	11:20:48	69,71	1,99	18,04
02-02-2021	11:20:58	69,71	1,99	18,05
02-02-2021	11:21:08	69,71	2,06	18,04
02-02-2021	11:21:18	69,62	1,96	18,05
02-02-2021	11:21:28	69,62	2	18,04
02-02-2021	11:21:38	69,62	2,02	18,04
02-02-2021	11:21:48	69,62	1,98	18,04
02-02-2021	11:21:58	69,62	1,94	18,04
02-02-2021	11:22:08	69,62	2,01	18,04
02-02-2021	11:22:18	69,62	2,05	18,04
02-02-2021	11:22:28	69,71	1,95	18,04
02-02-2021	11:22:38	69,71	1,93	18,04
02-02-2021	11:22:48	69,71	2,03	18,04
02-02-2021	11:22:58	69,71	1,99	18,04
02-02-2021	11:23:08	69,82	1,96	18,04
02-02-2021	11:23:18	69,82	2,03	18,04
02-02-2021	11:23:28	69,82	1,98	18,05
02-02-2021	11:23:38	69,82	2,02	18,05
02-02-2021	11:23:48	69,82	2,02	18,04
02-02-2021	11:23:58	69,82	1,93	18,04
02-02-2021	11:24:08	69,82	1,96	18,04
02-02-2021	11:24:18	69,82	2,04	18,04
02-02-2021	11:24:28	69,82	2,04	18,04
02-02-2021	11:24:38	69,82	2,03	18,04
02-02-2021	11:24:48	69,82	2,02	18,05
02-02-2021	11:24:58	69,82	2,01	18,04
02-02-2021	11:25:08	69,82	2,05	18,04
02-02-2021	11:25:18	69,82	1,97	18,05
02-02-2021	11:25:28	69,82	2,02	18,04
02-02-2021	11:25:38	69,82	1,96	18,04
02-02-2021	11:25:48	69,82	1,98	18,04
02-02-2021	11:25:58	69,82	2	18,05
02-02-2021	11:26:08	69,82	1,95	18,05
02-02-2021	11:26:18	69,82	1,96	18,04
02-02-2021	11:26:28	69,82	2,03	18,04
02-02-2021	11:26:38	69,91	1,98	18,05
02-02-2021	11:26:48	69,91	1,99	18,04
02-02-2021	11:26:58	69,91	1,97	18,04
02-02-2021	11:27:08	70,01	1,92	18,05
02-02-2021	11:27:18	70,01	1,99	18,05
02-02-2021	11:27:28	70,01	2,02	18,04
02-02-2021	11:27:38	70,01	2,02	18,04
02-02-2021	11:27:48	70,01	1,93	18,04
02-02-2021	11:27:58	70,01	1,98	18,05
02-02-2021	11:28:08	70,01	1,88	18,05
02-02-2021	11:28:18	70,01	1,97	18,05
02-02-2021	11:28:28	70,01	1,96	18,05
02-02-2021	11:28:38	70,01	2,03	18,04
02-02-2021	11:28:48	70,01	2,03	18,05
02-02-2021	11:28:58	70,01	1,97	18,05
02-02-2021	11:29:08	70,01	2,01	18,04
02-02-2021	11:29:18	70,01	1,97	18,05
02-02-2021	11:29:28	70,11	1,91	18,05
02-02-2021	11:29:38	70,11	1,98	18,04
02-02-2021	11:29:48	70,11	1,99	18,05
02-02-2021	11:29:58	70,11	1,97	18,04
02-02-2021	11:30:08	70,11	1,99	18,04

Estacion Meteorologica 290MW



	HR (%)	Pres (mbar)	Temp (°C)
PROMEDIO	67,66	1,99	18,89
DESV EST	0,5453	0,0382	0,1714
%DESV EST	0,81%	1,92%	0,91%
DATOS	361	361	361

DURACIÓN 1:00:00				
DATE	TIME	HR (%)	Pres (mbar)	Temp (°C)
02-02-2021	12:00:08	68,02	1,94	18,72
02-02-2021	12:00:18	68,02	2	18,73
02-02-2021	12:00:28	68,12	1,93	18,72
02-02-2021	12:00:38	68,12	2	18,72
02-02-2021	12:00:48	68,12	1,94	18,72
02-02-2021	12:00:58	68,02	2	18,72
02-02-2021	12:01:08	68,12	1,91	18,73
02-02-2021	12:01:18	68,12	2,01	18,72
02-02-2021	12:01:28	68,12	1,94	18,73
02-02-2021	12:01:38	68,12	1,91	18,73
02-02-2021	12:01:48	68,12	1,97	18,72
02-02-2021	12:01:58	68,12	1,92	18,73
02-02-2021	12:02:08	68,02	1,95	18,72
02-02-2021	12:02:18	68,02	1,95	18,73
02-02-2021	12:02:28	68,02	1,94	18,72
02-02-2021	12:02:38	68,02	1,95	18,73
02-02-2021	12:02:48	67,92	1,97	18,72
02-02-2021	12:02:58	67,92	1,99	18,72
02-02-2021	12:03:08	67,92	2	18,73
02-02-2021	12:03:18	68,02	1,98	18,72
02-02-2021	12:03:28	67,92	1,99	18,72
02-02-2021	12:03:38	67,82	2,02	18,72
02-02-2021	12:03:48	67,72	2	18,72
02-02-2021	12:03:58	67,62	1,92	18,72
02-02-2021	12:04:08	67,52	2,01	18,72
02-02-2021	12:04:18	67,52	1,97	18,72
02-02-2021	12:04:28	67,43	1,94	18,72
02-02-2021	12:04:38	67,43	1,93	18,72
02-02-2021	12:04:48	67,52	1,95	18,72
02-02-2021	12:04:58	67,59	1,89	18,72
02-02-2021	12:05:08	67,62	2	18,72
02-02-2021	12:05:18	67,62	1,96	18,72
02-02-2021	12:05:28	67,52	1,93	18,72
02-02-2021	12:05:38	67,52	1,98	18,72
02-02-2021	12:05:48	67,43	1,98	18,72
02-02-2021	12:05:58	67,43	1,97	18,72
02-02-2021	12:06:08	67,52	1,92	18,72
02-02-2021	12:06:18	67,52	1,99	18,72
02-02-2021	12:06:28	67,52	1,99	18,72
02-02-2021	12:06:38	67,52	1,93	18,72
02-02-2021	12:06:48	67,62	2,02	18,72
02-02-2021	12:06:58	67,62	1,91	18,72
02-02-2021	12:07:08	67,72	1,97	18,72
02-02-2021	12:07:18	67,72	2	18,72
02-02-2021	12:07:28	67,72	1,96	18,72
02-02-2021	12:07:38	67,72	1,95	18,72
02-02-2021	12:07:48	67,82	1,96	18,72
02-02-2021	12:07:58	67,82	1,97	18,72
02-02-2021	12:08:08	67,75	2,02	18,72
02-02-2021	12:08:18	67,72	1,99	18,82
02-02-2021	12:08:28	67,72	2,01	18,82
02-02-2021	12:08:38	67,72	2,05	18,82
02-02-2021	12:08:48	67,72	1,98	18,82
02-02-2021	12:08:58	67,62	2	18,82
02-02-2021	12:09:08	67,62	2,01	18,72
02-02-2021	12:09:18	67,52	2,03	18,72
02-02-2021	12:09:28	67,52	2,01	18,72
02-02-2021	12:09:38	67,52	1,98	18,72
02-02-2021	12:09:48	67,52	1,99	18,72
02-02-2021	12:09:58	67,52	1,98	18,72
02-02-2021	12:10:08	67,52	1,95	18,72
02-02-2021	12:10:18	67,62	2	18,72
02-02-2021	12:10:28	67,62	1,98	18,72
02-02-2021	12:10:38	67,72	1,99	18,72
02-02-2021	12:10:48	67,82	1,98	18,72
02-02-2021	12:10:58	67,82	2	18,72
02-02-2021	12:11:08	67,82	1,98	18,72
02-02-2021	12:11:18	67,82	1,99	18,72
02-02-2021	12:11:28	67,92	2	18,72
02-02-2021	12:11:38	67,82	2	18,72
02-02-2021	12:11:48	67,82	2	18,72
02-02-2021	12:11:58	67,82	2,04	18,73
02-02-2021	12:12:08	67,82	1,99	18,72
02-02-2021	12:12:18	67,72	1,98	18,72
02-02-2021	12:12:28	67,72	2,04	18,72
02-02-2021	12:12:38	67,65	1,95	18,72
02-02-2021	12:12:48	67,62	2,03	18,82
02-02-2021	12:12:58	67,72	2,02	18,82
02-02-2021	12:13:08	67,73	1,91	18,82
02-02-2021	12:13:18	67,82	2,05	18,82
02-02-2021	12:13:28	67,82	1,96	18,82
02-02-2021	12:13:38	67,92	2,02	18,82
02-02-2021	12:13:48	67,92	1,98	18,82
02-02-2021	12:13:58	67,92	2	18,82
02-02-2021	12:14:08	68,02	2	18,82
02-02-2021	12:14:18	68,02	1,95	18,82
02-02-2021	12:14:28	68,02	2,05	18,82
02-02-2021	12:14:38	68,02	2	18,72
02-02-2021	12:14:48	68,02	1,92	18,73
02-02-2021	12:14:58	67,92	1,96	18,73
02-02-2021	12:15:08	67,92	2,02	18,72
02-02-2021	12:15:18	67,92	1,94	18,72
02-02-2021	12:15:28	67,92	1,95	18,72
02-02-2021	12:15:38	67,92	2,03	18,72
02-02-2021	12:15:48	68,02	1,98	18,72

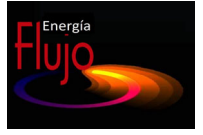
Estacion Meteorologica 290MW



	HR (%)	Pres (mbar)	Temp (°C)
PROMEDIO	67,66	1,99	18,89
DESV EST	0,5453	0,0382	0,1714
%DESV EST	0,81%	1,92%	0,91%
DATOS	361	361	361

DURACIÓN		HR (%)	Pres (mbar)	Temp (°C)
02-02-2021	12:15:58	68,02	1,95	18,72
02-02-2021	12:16:08	68,02	2,02	18,72
02-02-2021	12:16:18	68,02	1,95	18,72
02-02-2021	12:16:28	68,02	1,99	18,72
02-02-2021	12:16:38	68,02	2,03	18,72
02-02-2021	12:16:48	68,12	2,01	18,72
02-02-2021	12:16:58	68,22	1,98	18,72
02-02-2021	12:17:08	68,22	1,99	18,72
02-02-2021	12:17:18	68,32	1,93	18,73
02-02-2021	12:17:28	68,33	1,99	18,73
02-02-2021	12:17:38	68,32	1,98	18,73
02-02-2021	12:17:48	68,33	2,02	18,73
02-02-2021	12:17:58	68,32	1,96	18,72
02-02-2021	12:18:08	68,32	2,02	18,73
02-02-2021	12:18:18	68,22	1,91	18,72
02-02-2021	12:18:28	68,22	2,05	18,73
02-02-2021	12:18:38	68,22	1,96	18,72
02-02-2021	12:18:48	68,22	1,99	18,72
02-02-2021	12:18:58	68,22	1,97	18,73
02-02-2021	12:19:08	68,22	1,95	18,73
02-02-2021	12:19:18	68,22	1,94	18,72
02-02-2021	12:19:28	68,22	2,04	18,72
02-02-2021	12:19:38	68,22	1,93	18,72
02-02-2021	12:19:48	68,22	2,02	18,72
02-02-2021	12:19:58	68,22	2,02	18,73
02-02-2021	12:20:08	68,22	1,99	18,73
02-02-2021	12:20:18	68,22	1,93	18,72
02-02-2021	12:20:28	68,22	2,01	18,72
02-02-2021	12:20:38	68,22	1,98	18,72
02-02-2021	12:20:48	68,22	1,96	18,73
02-02-2021	12:20:58	68,22	2	18,73
02-02-2021	12:21:08	68,22	2,01	18,82
02-02-2021	12:21:18	68,22	1,92	18,82
02-02-2021	12:21:28	68,12	1,98	18,82
02-02-2021	12:21:38	68,22	1,95	18,82
02-02-2021	12:21:48	68,12	2,02	18,82
02-02-2021	12:21:58	68,12	1,99	18,82
02-02-2021	12:22:08	68,12	1,96	18,82
02-02-2021	12:22:18	68,12	1,96	18,82
02-02-2021	12:22:28	68,12	1,94	18,82
02-02-2021	12:22:38	68,02	1,94	18,82
02-02-2021	12:22:48	68,02	2,01	18,82
02-02-2021	12:22:58	68,02	1,98	18,82
02-02-2021	12:23:08	68,02	2	18,82
02-02-2021	12:23:18	68,02	1,99	18,82
02-02-2021	12:23:28	67,92	2	18,82
02-02-2021	12:23:38	67,92	1,93	18,82
02-02-2021	12:23:48	67,92	2	18,82
02-02-2021	12:23:58	67,92	1,98	18,82
02-02-2021	12:24:08	67,92	1,96	18,82
02-02-2021	12:24:18	67,92	2	18,82
02-02-2021	12:24:28	67,92	1,97	18,72
02-02-2021	12:24:38	67,92	2,01	18,72
02-02-2021	12:24:48	68,02	1,99	18,72
02-02-2021	12:24:58	68,02	2,01	18,72
02-02-2021	12:25:08	68,02	2,03	18,72
02-02-2021	12:25:18	68,12	1,99	18,72
02-02-2021	12:25:28	68,12	1,95	18,72
02-02-2021	12:25:38	68,12	1,97	18,72
02-02-2021	12:25:48	68,12	2,05	18,72
02-02-2021	12:25:58	68,12	2	18,72
02-02-2021	12:26:08	68,12	1,98	18,72
02-02-2021	12:26:18	68,12	2,02	18,72
02-02-2021	12:26:28	68,12	1,94	18,72
02-02-2021	12:26:38	68,12	1,93	18,73
02-02-2021	12:26:48	68,12	2,06	18,72
02-02-2021	12:26:58	68,22	1,96	18,72
02-02-2021	12:27:08	68,22	2	18,73
02-02-2021	12:27:18	68,22	2	18,72
02-02-2021	12:27:28	68,22	2,01	18,72
02-02-2021	12:27:38	68,22	1,93	18,72
02-02-2021	12:27:48	68,22	1,98	18,72
02-02-2021	12:27:58	68,33	2,01	18,72
02-02-2021	12:28:08	68,22	2,02	18,72
02-02-2021	12:28:18	68,22	1,98	18,72
02-02-2021	12:28:28	68,22	2,04	18,72
02-02-2021	12:28:38	68,32	2,04	18,73
02-02-2021	12:28:48	68,32	1,98	18,72
02-02-2021	12:28:58	68,33	1,95	18,72
02-02-2021	12:29:08	68,33	1,95	18,83
02-02-2021	12:29:18	68,32	2,03	18,82
02-02-2021	12:29:28	68,32	1,96	18,82
02-02-2021	12:29:38	68,32	1,95	18,83
02-02-2021	12:29:48	68,32	2,01	18,82
02-02-2021	12:29:58	68,32	2,02	18,82
02-02-2021	12:30:08	68,32	2,02	18,83
02-02-2021	12:30:18	68,32	2,02	18,82
02-02-2021	12:30:28	68,32	1,99	18,82
02-02-2021	12:30:38	68,32	2	18,82
02-02-2021	12:30:48	68,22	1,96	18,82
02-02-2021	12:30:58	68,22	1,95	18,82
02-02-2021	12:31:08	68,22	2,05	18,83
02-02-2021	12:31:18	68,22	2	18,82
02-02-2021	12:31:28	68,22	2,02	18,82
02-02-2021	12:31:38	68,22	2,03	18,82
02-02-2021	12:31:48	68,22	1,94	18,82

Estacion Meteorologica 290MW



	HR (%)	Pres (mbar)	Temp (°C)
PROMEDIO	67,66	1,99	18,89
DESV EST	0,5453	0,0382	0,1714
%DESV EST	0,81%	1,92%	0,91%
DATOS	361	361	361

DURACIÓN	1:00:00			
02-02-2021	12:31:58	68,22	2,01	18,82
02-02-2021	12:32:08	68,22	1,94	18,82
02-02-2021	12:32:18	68,12	2,04	18,82
02-02-2021	12:32:28	68,12	2,01	18,82
02-02-2021	12:32:38	68,12	2,02	18,83
02-02-2021	12:32:48	68,12	2	18,82
02-02-2021	12:32:58	68,12	1,98	18,82
02-02-2021	12:33:08	68,12	1,97	18,82
02-02-2021	12:33:18	68,13	2,03	18,82
02-02-2021	12:33:28	68,12	2	18,82
02-02-2021	12:33:38	68,12	2,07	18,82
02-02-2021	12:33:48	68,12	2,05	18,82
02-02-2021	12:33:58	68,12	2,01	18,82
02-02-2021	12:34:08	68,12	1,97	18,82
02-02-2021	12:34:18	68,12	1,91	18,82
02-02-2021	12:34:28	68,12	1,99	18,82
02-02-2021	12:34:38	68,12	2,02	18,82
02-02-2021	12:34:48	68,06	1,99	18,82
02-02-2021	12:34:58	68,02	2,04	18,82
02-02-2021	12:35:08	68,02	1,91	18,82
02-02-2021	12:35:18	68,02	2,06	18,82
02-02-2021	12:35:28	68,12	2,02	18,82
02-02-2021	12:35:38	68,12	2,03	18,82
02-02-2021	12:35:48	68,22	1,92	18,82
02-02-2021	12:35:58	68,22	2,07	18,92
02-02-2021	12:36:08	68,22	1,98	18,92
02-02-2021	12:36:18	68,22	1,98	18,92
02-02-2021	12:36:28	68,12	1,98	18,92
02-02-2021	12:36:38	68,12	1,98	18,92
02-02-2021	12:36:48	68,02	2,01	18,92
02-02-2021	12:36:58	68,02	2,01	18,92
02-02-2021	12:37:08	68,02	1,95	18,92
02-02-2021	12:37:18	68,02	1,94	18,92
02-02-2021	12:37:28	67,92	2,02	18,92
02-02-2021	12:37:38	67,92	1,96	18,92
02-02-2021	12:37:48	67,82	1,96	18,92
02-02-2021	12:37:58	67,82	2,02	19,02
02-02-2021	12:38:08	67,82	1,98	19,02
02-02-2021	12:38:18	67,72	1,99	19,02
02-02-2021	12:38:28	67,72	1,98	19,02
02-02-2021	12:38:38	67,72	1,92	19,02
02-02-2021	12:38:48	67,62	1,99	19,02
02-02-2021	12:38:58	67,62	1,98	19,02
02-02-2021	12:39:08	67,52	2,02	19,02
02-02-2021	12:39:18	67,52	1,94	19,02
02-02-2021	12:39:28	67,52	1,98	19,02
02-02-2021	12:39:38	67,52	1,94	19,02
02-02-2021	12:39:48	67,43	2,02	19,01
02-02-2021	12:39:58	67,43	2,02	19,02
02-02-2021	12:40:08	67,43	1,97	19,02
02-02-2021	12:40:18	67,43	2	19,02
02-02-2021	12:40:28	67,43	2,02	19,02
02-02-2021	12:40:38	67,43	2,04	19,02
02-02-2021	12:40:48	67,43	1,98	19,02
02-02-2021	12:40:58	67,43	2,05	19,02
02-02-2021	12:41:08	67,43	2,07	19,02
02-02-2021	12:41:18	67,43	1,98	19,02
02-02-2021	12:41:28	67,43	2	19,02
02-02-2021	12:41:38	67,43	1,94	19,02
02-02-2021	12:41:48	67,43	2,01	19,02
02-02-2021	12:41:58	67,43	2,01	19,02
02-02-2021	12:42:08	67,43	1,97	19,02
02-02-2021	12:42:18	67,32	1,96	19,02
02-02-2021	12:42:28	67,32	1,97	19,02
02-02-2021	12:42:38	67,32	2,02	19,01
02-02-2021	12:42:48	67,32	2,06	19,01
02-02-2021	12:42:58	67,32	2,03	19,02
02-02-2021	12:43:08	67,32	2,06	19,02
02-02-2021	12:43:18	67,32	1,98	19,02
02-02-2021	12:43:28	67,43	2	19,02
02-02-2021	12:43:38	67,43	2,01	19,02
02-02-2021	12:43:48	67,43	2,04	19,01
02-02-2021	12:43:58	67,52	2,05	19,02
02-02-2021	12:44:08	67,52	1,99	19,02
02-02-2021	12:44:18	67,52	1,96	19,02
02-02-2021	12:44:28	67,52	1,93	19,02
02-02-2021	12:44:38	67,52	1,96	19,02
02-02-2021	12:44:48	67,52	1,91	19,02
02-02-2021	12:44:58	67,52	1,99	19,02
02-02-2021	12:45:08	67,43	2,04	19,02
02-02-2021	12:45:18	67,43	2,01	19,02
02-02-2021	12:45:28	67,43	2,03	19,02
02-02-2021	12:45:38	67,43	2	19,02
02-02-2021	12:45:48	67,43	2,06	19,01
02-02-2021	12:45:58	67,43	2,04	19,02
02-02-2021	12:46:08	67,43	1,97	19,02
02-02-2021	12:46:18	67,32	2,03	19,02
02-02-2021	12:46:28	67,32	2,07	19,02
02-02-2021	12:46:38	67,32	1,98	19,02
02-02-2021	12:46:48	67,32	2,01	19,01
02-02-2021	12:46:58	67,32	1,97	19,02
02-02-2021	12:47:08	67,32	2,01	19,02
02-02-2021	12:47:18	67,32	2,02	19,02
02-02-2021	12:47:28	67,32	2,08	19,02
02-02-2021	12:47:38	67,31	2,02	19,02
02-02-2021	12:47:48	67,23	1,98	19,02

Estacion Meteorologica 290MW



	HR (%)	Pres (mbar)	Temp (°C)
PROMEDIO	67,66	1,99	18,89
DESV EST	0,5453	0,0382	0,1714
%DESV EST	0,81%	1,92%	0,91%
DATOS	361	361	361

DURACIÓN				
	1:00:00			
02-02-2021	12:47:58	67,23	1,97	19,01
02-02-2021	12:48:08	67,12	1,96	19,01
02-02-2021	12:48:18	67,12	2,01	19,11
02-02-2021	12:48:28	67,12	1,94	19,11
02-02-2021	12:48:38	67,12	2,08	19,11
02-02-2021	12:48:48	67,12	2,01	19,11
02-02-2021	12:48:58	67,03	1,99	19,11
02-02-2021	12:49:08	67,03	1,99	19,11
02-02-2021	12:49:18	67,03	1,95	19,11
02-02-2021	12:49:28	67,03	2,01	19,11
02-02-2021	12:49:38	67,03	2,06	19,11
02-02-2021	12:49:48	67,03	1,93	19,11
02-02-2021	12:49:58	67,03	2	19,11
02-02-2021	12:50:08	67,03	2,01	19,11
02-02-2021	12:50:18	67,03	1,98	19,11
02-02-2021	12:50:28	67,12	2,06	19,11
02-02-2021	12:50:38	67,12	2,01	19,11
02-02-2021	12:50:48	67,12	1,98	19,11
02-02-2021	12:50:58	67,12	1,94	19,11
02-02-2021	12:51:08	67,12	2,07	19,11
02-02-2021	12:51:18	67,12	2,01	19,11
02-02-2021	12:51:28	67,12	1,99	19,11
02-02-2021	12:51:38	67,03	2	19,11
02-02-2021	12:51:48	67,03	2,05	19,11
02-02-2021	12:51:58	67,03	1,97	19,11
02-02-2021	12:52:08	67,03	1,94	19,11
02-02-2021	12:52:18	67,03	1,94	19,11
02-02-2021	12:52:28	66,92	2,02	19,11
02-02-2021	12:52:38	66,92	1,96	19,11
02-02-2021	12:52:48	66,92	2,01	19,11
02-02-2021	12:52:58	66,83	1,99	19,11
02-02-2021	12:53:08	66,83	1,99	19,11
02-02-2021	12:53:18	66,92	1,96	19,11
02-02-2021	12:53:28	67,03	1,98	19,11
02-02-2021	12:53:38	67,03	2,03	19,12
02-02-2021	12:53:48	67,12	1,99	19,11
02-02-2021	12:53:58	67,03	1,97	19,11
02-02-2021	12:54:08	67,03	1,95	19,11
02-02-2021	12:54:18	67,03	1,99	19,11
02-02-2021	12:54:28	66,92	2,04	19,11
02-02-2021	12:54:38	66,92	1,94	19,11
02-02-2021	12:54:48	66,83	1,98	19,21
02-02-2021	12:54:58	66,72	1,94	19,21
02-02-2021	12:55:08	66,72	1,97	19,21
02-02-2021	12:55:18	66,63	1,96	19,21
02-02-2021	12:55:28	66,63	2,02	19,21
02-02-2021	12:55:38	66,63	2,05	19,21
02-02-2021	12:55:48	66,63	2,06	19,21
02-02-2021	12:55:58	66,63	1,99	19,21
02-02-2021	12:56:08	66,63	1,96	19,21
02-02-2021	12:56:18	66,52	2,04	19,21
02-02-2021	12:56:28	66,52	2,05	19,21
02-02-2021	12:56:38	66,52	1,96	19,21
02-02-2021	12:56:48	66,52	1,97	19,21
02-02-2021	12:56:58	66,52	1,99	19,21
02-02-2021	12:57:08	66,52	1,94	19,21
02-02-2021	12:57:18	66,43	2,03	19,21
02-02-2021	12:57:28	66,43	2,04	19,21
02-02-2021	12:57:38	66,43	1,96	19,21
02-02-2021	12:57:48	66,33	2,05	19,21
02-02-2021	12:57:58	66,33	2,05	19,21
02-02-2021	12:58:08	66,33	2,01	19,21
02-02-2021	12:58:18	66,33	1,98	19,21
02-02-2021	12:58:28	66,23	2,02	19,21
02-02-2021	12:58:38	66,23	2,06	19,21
02-02-2021	12:58:48	66,23	1,99	19,21
02-02-2021	12:58:58	66,23	1,99	19,21
02-02-2021	12:59:08	66,23	2,04	19,21
02-02-2021	12:59:18	66,33	2,04	19,21
02-02-2021	12:59:28	66,33	2,01	19,21
02-02-2021	12:59:38	66,43	2,03	19,21
02-02-2021	12:59:48	66,43	2,05	19,21
02-02-2021	12:59:58	66,43	2,05	19,21
02-02-2021	13:00:08	66,43	2	19,21

Estacion Meteorologica 255MW



	HR (%)	Pres (mbar)	Temp (°C)
PROMEDIO	56,58	2,04	21,43
DESV EST	0,6283	0,0416	0,1908
%DESV EST	1,11%	2,04%	0,89%
DATOS	181	181	181

DURACIÓN 0:30:00				
DATE	TIME	HR (%)	Pres (mbar)	Temp (°C)
02-02-2021	15:30:08	57,46	2,05	21,05
02-02-2021	15:30:18	57,46	2,02	21,05
02-02-2021	15:30:28	57,46	1,96	21,05
02-02-2021	15:30:38	57,46	2,03	21,05
02-02-2021	15:30:48	57,56	2,03	21,05
02-02-2021	15:30:58	57,56	1,96	21,05
02-02-2021	15:31:08	57,56	1,96	21,05
02-02-2021	15:31:18	57,56	1,99	21,05
02-02-2021	15:31:28	57,56	2,09	21,05
02-02-2021	15:31:38	57,56	2,04	21,15
02-02-2021	15:31:48	57,66	1,94	21,15
02-02-2021	15:31:58	57,66	1,97	21,15
02-02-2021	15:32:08	57,56	2,03	21,15
02-02-2021	15:32:18	57,56	1,98	21,15
02-02-2021	15:32:28	57,46	1,96	21,15
02-02-2021	15:32:38	57,46	2	21,15
02-02-2021	15:32:48	57,46	2,1	21,15
02-02-2021	15:32:58	57,36	2,03	21,15
02-02-2021	15:33:08	57,26	1,99	21,15
02-02-2021	15:33:18	57,26	2,08	21,15
02-02-2021	15:33:28	57,26	2,11	21,15
02-02-2021	15:33:38	57,26	2,02	21,15
02-02-2021	15:33:48	57,26	2,11	21,15
02-02-2021	15:33:58	57,26	2,02	21,15
02-02-2021	15:34:08	57,36	2,02	21,15
02-02-2021	15:34:18	57,35	2,07	21,15
02-02-2021	15:34:28	57,36	2,09	21,15
02-02-2021	15:34:38	57,36	2,05	21,15
02-02-2021	15:34:48	57,36	2,07	21,15
02-02-2021	15:34:58	57,46	2,07	21,15
02-02-2021	15:35:08	57,46	2,01	21,15
02-02-2021	15:35:18	57,46	2,01	21,15
02-02-2021	15:35:28	57,46	2,05	21,15
02-02-2021	15:35:38	57,46	2,02	21,15
02-02-2021	15:35:48	57,46	2,09	21,15
02-02-2021	15:35:58	57,36	2,02	21,25
02-02-2021	15:36:08	57,26	2,11	21,25
02-02-2021	15:36:18	57,26	2,01	21,25
02-02-2021	15:36:28	57,26	2,02	21,25
02-02-2021	15:36:38	57,26	2,06	21,25
02-02-2021	15:36:48	57,26	2,09	21,25
02-02-2021	15:36:58	57,26	2,13	21,25
02-02-2021	15:37:08	57,26	2,03	21,35
02-02-2021	15:37:18	57,26	1,97	21,35
02-02-2021	15:37:28	57,26	2,03	21,35
02-02-2021	15:37:38	57,26	2,07	21,35
02-02-2021	15:37:48	57,26	2,13	21,34
02-02-2021	15:37:58	57,17	2,1	21,35
02-02-2021	15:38:08	57,06	2,05	21,34
02-02-2021	15:38:18	56,97	2,11	21,34
02-02-2021	15:38:28	57,06	2,04	21,34
02-02-2021	15:38:38	57,06	2,02	21,34
02-02-2021	15:38:48	57,06	2,04	21,35
02-02-2021	15:38:58	57,06	2,12	21,34
02-02-2021	15:39:08	57,06	2,08	21,34
02-02-2021	15:39:18	57,06	2,05	21,35
02-02-2021	15:39:28	57,06	2,09	21,34
02-02-2021	15:39:38	57,06	2,04	21,34
02-02-2021	15:39:48	57,06	2,01	21,34
02-02-2021	15:39:58	57,06	2,03	21,35
02-02-2021	15:40:08	57,06	1,99	21,35
02-02-2021	15:40:18	56,97	2,06	21,34
02-02-2021	15:40:28	56,86	2	21,34
02-02-2021	15:40:38	56,66	2,11	21,34
02-02-2021	15:40:48	56,57	2,05	21,34
02-02-2021	15:40:58	56,46	2,02	21,34
02-02-2021	15:41:08	56,37	2	21,34
02-02-2021	15:41:18	56,17	2,03	21,44
02-02-2021	15:41:28	56,07	2,04	21,44
02-02-2021	15:41:38	55,96	2,01	21,44
02-02-2021	15:41:48	55,87	2,04	21,44
02-02-2021	15:41:58	55,77	2	21,44
02-02-2021	15:42:08	55,67	2,08	21,44
02-02-2021	15:42:18	55,57	2,04	21,43
02-02-2021	15:42:28	55,47	2,09	21,53
02-02-2021	15:42:38	55,47	2,04	21,54
02-02-2021	15:42:48	55,47	1,99	21,53
02-02-2021	15:42:58	55,57	2,03	21,53
02-02-2021	15:43:08	55,57	2,04	21,54
02-02-2021	15:43:18	55,57	2,12	21,53
02-02-2021	15:43:28	55,67	2	21,54
02-02-2021	15:43:38	55,67	2,07	21,53
02-02-2021	15:43:48	55,67	2,07	21,54
02-02-2021	15:43:58	55,67	2,04	21,53
02-02-2021	15:44:08	55,67	2,04	21,54
02-02-2021	15:44:18	55,67	2,04	21,54
02-02-2021	15:44:28	55,67	2,04	21,54
02-02-2021	15:44:38	55,67	2,06	21,54
02-02-2021	15:44:48	55,77	2,12	21,54
02-02-2021	15:44:58	55,77	2,07	21,53
02-02-2021	15:45:08	55,87	2,08	21,54
02-02-2021	15:45:18	55,77	2,11	21,53
02-02-2021	15:45:28	55,77	2,06	21,54
02-02-2021	15:45:38	55,77	2	21,54
02-02-2021	15:45:48	55,77	2,11	21,64

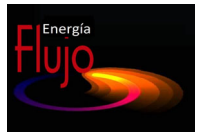
Estacion Meteorologica 255MW



	HR (%)	Pres (mbar)	Temp (°C)
PROMEDIO	56,58	2,04	21,43
DESV EST	0,6283	0,0416	0,1908
%DESV EST	1,11%	2,04%	0,89%
DATOS	181	181	181

DURACIÓN		0:30:00		
02-02-2021	15:45:58	55,77	2,06	21,64
02-02-2021	15:46:08	55,77	2,09	21,64
02-02-2021	15:46:18	55,77	2,06	21,63
02-02-2021	15:46:28	55,87	2,06	21,64
02-02-2021	15:46:38	55,87	2,01	21,64
02-02-2021	15:46:48	55,96	2,12	21,64
02-02-2021	15:46:58	56,07	2,09	21,64
02-02-2021	15:47:08	56,17	2,07	21,74
02-02-2021	15:47:18	56,26	2,07	21,74
02-02-2021	15:47:28	56,17	2,05	21,73
02-02-2021	15:47:38	56,17	2,04	21,74
02-02-2021	15:47:48	56,07	2,07	21,73
02-02-2021	15:47:58	56,07	2,08	21,74
02-02-2021	15:48:08	56,17	2,03	21,74
02-02-2021	15:48:18	56,17	2,07	21,73
02-02-2021	15:48:28	56,17	2,03	21,73
02-02-2021	15:48:38	56,26	2,12	21,74
02-02-2021	15:48:48	56,26	1,97	21,74
02-02-2021	15:48:58	56,26	1,96	21,74
02-02-2021	15:49:08	56,26	2	21,74
02-02-2021	15:49:18	56,26	2,01	21,73
02-02-2021	15:49:28	56,17	2,1	21,74
02-02-2021	15:49:38	56,17	2	21,73
02-02-2021	15:49:48	56,17	2	21,64
02-02-2021	15:49:58	56,07	2,03	21,64
02-02-2021	15:50:08	56,07	2	21,64
02-02-2021	15:50:18	56,07	1,97	21,63
02-02-2021	15:50:28	56,07	2,08	21,63
02-02-2021	15:50:38	56,07	2,03	21,64
02-02-2021	15:50:48	56,17	2,03	21,64
02-02-2021	15:50:58	56,17	2,07	21,63
02-02-2021	15:51:08	56,17	2,02	21,64
02-02-2021	15:51:18	56,17	2,06	21,54
02-02-2021	15:51:28	56,17	2,08	21,54
02-02-2021	15:51:38	56,17	2,06	21,54
02-02-2021	15:51:48	56,07	2,07	21,54
02-02-2021	15:51:58	56,07	2,06	21,54
02-02-2021	15:52:08	56,07	2,09	21,54
02-02-2021	15:52:18	56,07	2,05	21,54
02-02-2021	15:52:28	56,07	2,05	21,54
02-02-2021	15:52:38	56,17	2,03	21,54
02-02-2021	15:52:48	56,17	2,07	21,54
02-02-2021	15:52:58	56,17	2,09	21,54
02-02-2021	15:53:08	56,17	2,1	21,54
02-02-2021	15:53:18	56,26	2,11	21,54
02-02-2021	15:53:28	56,26	2,06	21,54
02-02-2021	15:53:38	56,37	2,08	21,54
02-02-2021	15:53:48	56,37	1,99	21,54
02-02-2021	15:53:58	56,46	1,99	21,54
02-02-2021	15:54:08	56,46	2,03	21,54
02-02-2021	15:54:18	56,46	2	21,54
02-02-2021	15:54:28	56,46	1,97	21,54
02-02-2021	15:54:38	56,46	2,1	21,44
02-02-2021	15:54:48	56,37	2,09	21,44
02-02-2021	15:54:58	56,37	2,04	21,44
02-02-2021	15:55:08	56,37	2,04	21,44
02-02-2021	15:55:18	56,37	2,03	21,44
02-02-2021	15:55:28	56,37	2,07	21,44
02-02-2021	15:55:38	56,37	2,06	21,44
02-02-2021	15:55:48	56,37	2,06	21,44
02-02-2021	15:55:58	56,46	2,07	21,44
02-02-2021	15:56:08	56,46	2,01	21,44
02-02-2021	15:56:18	56,57	2,08	21,44
02-02-2021	15:56:28	56,57	2,06	21,44
02-02-2021	15:56:38	56,57	2,07	21,44
02-02-2021	15:56:48	56,66	2,03	21,44
02-02-2021	15:56:58	56,66	2,08	21,44
02-02-2021	15:57:08	56,57	2,02	21,44
02-02-2021	15:57:18	56,46	2	21,44
02-02-2021	15:57:28	56,46	2,07	21,44
02-02-2021	15:57:38	56,46	2,06	21,44
02-02-2021	15:57:48	56,46	2,04	21,44
02-02-2021	15:57:58	56,46	2,08	21,44
02-02-2021	15:58:08	56,46	1,98	21,44
02-02-2021	15:58:18	56,46	1,99	21,44
02-02-2021	15:58:28	56,46	2,11	21,44
02-02-2021	15:58:38	56,46	2,04	21,44
02-02-2021	15:58:48	56,57	2,05	21,44
02-02-2021	15:58:58	56,77	2,06	21,54
02-02-2021	15:59:08	56,86	2,09	21,54
02-02-2021	15:59:18	56,97	2	21,54
02-02-2021	15:59:28	57,06	2	21,54
02-02-2021	15:59:38	57,17	1,99	21,54
02-02-2021	15:59:48	57,17	2,05	21,54
02-02-2021	15:59:58	57,26	2,03	21,54
02-02-2021	16:00:08	57,36	1,97	21,54

Estacion Meteorologica 225MW



	HR (%)	Pres (mbar)	Temp (°C)
PROMEDIO	56,26	2,08	21,38
DESV EST	0,6060	0,0394	0,1580
%DESV EST	1,08%	1,89%	0,74%
DATOS	361	361	361

DURACIÓN 1:00:00

DATE	TIME	HR (%)	Pres (mbar)	Temp (°C)
02-02-2021	16:30:08	55,57	2,05	21,54
02-02-2021	16:30:18	55,57	2,15	21,54
02-02-2021	16:30:28	55,57	2,07	21,54
02-02-2021	16:30:38	55,67	2,03	21,54
02-02-2021	16:30:48	55,67	2,09	21,54
02-02-2021	16:30:58	55,67	2,1	21,54
02-02-2021	16:31:08	55,67	2,04	21,53
02-02-2021	16:31:18	55,57	2,1	21,54
02-02-2021	16:31:28	55,57	2,08	21,53
02-02-2021	16:31:38	55,57	2,1	21,53
02-02-2021	16:31:48	55,57	2,05	21,53
02-02-2021	16:31:58	55,57	2,09	21,54
02-02-2021	16:32:08	55,47	2,09	21,54
02-02-2021	16:32:18	55,47	2,06	21,54
02-02-2021	16:32:28	55,47	2,09	21,53
02-02-2021	16:32:38	55,47	2,08	21,64
02-02-2021	16:32:48	55,57	2,05	21,63
02-02-2021	16:32:58	55,57	2,14	21,63
02-02-2021	16:33:08	55,57	2,08	21,63
02-02-2021	16:33:18	55,57	2,16	21,63
02-02-2021	16:33:28	55,57	2,07	21,63
02-02-2021	16:33:38	55,57	2,05	21,63
02-02-2021	16:33:48	55,57	2,11	21,63
02-02-2021	16:33:58	55,57	2,05	21,63
02-02-2021	16:34:08	55,57	2,1	21,63
02-02-2021	16:34:18	55,57	2,15	21,64
02-02-2021	16:34:28	55,57	2,02	21,63
02-02-2021	16:34:38	55,67	2,15	21,63
02-02-2021	16:34:48	55,57	2,1	21,63
02-02-2021	16:34:58	55,57	2,1	21,63
02-02-2021	16:35:08	55,57	2,1	21,53
02-02-2021	16:35:18	55,57	2,14	21,53
02-02-2021	16:35:28	55,57	2,15	21,63
02-02-2021	16:35:38	55,57	2,07	21,63
02-02-2021	16:35:48	55,57	2,13	21,63
02-02-2021	16:35:58	55,47	2,13	21,63
02-02-2021	16:36:08	55,47	2,02	21,64
02-02-2021	16:36:18	55,47	2,06	21,63
02-02-2021	16:36:28	55,47	2,12	21,63
02-02-2021	16:36:38	55,37	2,13	21,63
02-02-2021	16:36:48	55,37	2,07	21,63
02-02-2021	16:36:58	55,37	2,07	21,63
02-02-2021	16:37:08	55,37	2,09	21,63
02-02-2021	16:37:18	55,47	2,15	21,63
02-02-2021	16:37:28	55,47	2,05	21,63
02-02-2021	16:37:38	55,47	2,08	21,63
02-02-2021	16:37:48	55,47	2,06	21,64
02-02-2021	16:37:58	55,47	2,07	21,63
02-02-2021	16:38:08	55,47	2,1	21,63
02-02-2021	16:38:18	55,47	2,06	21,63
02-02-2021	16:38:28	55,47	2,07	21,63
02-02-2021	16:38:38	55,47	2,09	21,63
02-02-2021	16:38:48	55,47	2,07	21,54
02-02-2021	16:38:58	55,47	2,08	21,53
02-02-2021	16:39:08	55,47	2,06	21,53
02-02-2021	16:39:18	55,47	2,13	21,53
02-02-2021	16:39:28	55,57	2,14	21,53
02-02-2021	16:39:38	55,57	2,09	21,54
02-02-2021	16:39:48	55,57	2,05	21,54
02-02-2021	16:39:58	55,57	2,15	21,54
02-02-2021	16:40:08	55,57	2,15	21,53
02-02-2021	16:40:18	55,57	2,05	21,54
02-02-2021	16:40:28	55,57	2,15	21,53
02-02-2021	16:40:38	55,57	2,08	21,54
02-02-2021	16:40:48	55,57	2,1	21,54
02-02-2021	16:40:58	55,57	2,03	21,54
02-02-2021	16:41:08	55,57	2,07	21,54
02-02-2021	16:41:18	55,57	2,11	21,54
02-02-2021	16:41:28	55,57	2,06	21,53
02-02-2021	16:41:38	55,57	2,09	21,54
02-02-2021	16:41:48	55,67	2,11	21,54
02-02-2021	16:41:58	55,67	1,99	21,54
02-02-2021	16:42:08	55,67	2,12	21,54
02-02-2021	16:42:18	55,67	2,19	21,54
02-02-2021	16:42:28	55,67	2,05	21,54
02-02-2021	16:42:38	55,67	2,11	21,54
02-02-2021	16:42:48	55,77	2,09	21,54
02-02-2021	16:42:58	55,77	2,1	21,54
02-02-2021	16:43:08	55,77	2,08	21,54
02-02-2021	16:43:18	55,77	2,1	21,54
02-02-2021	16:43:28	55,77	2,12	21,53
02-02-2021	16:43:38	55,77	2,08	21,54
02-02-2021	16:43:48	55,77	2,01	21,54
02-02-2021	16:43:58	55,87	2,08	21,54
02-02-2021	16:44:08	55,87	2,06	21,54
02-02-2021	16:44:18	55,77	2,03	21,54
02-02-2021	16:44:28	55,77	2,07	21,54
02-02-2021	16:44:38	55,87	2	21,54
02-02-2021	16:44:48	55,87	2,08	21,54
02-02-2021	16:44:58	55,87	2,09	21,54
02-02-2021	16:45:08	55,77	2,01	21,54
02-02-2021	16:45:18	55,77	2,08	21,54
02-02-2021	16:45:28	55,77	2,01	21,53
02-02-2021	16:45:38	55,67	2,05	21,53
02-02-2021	16:45:48	55,67	2,05	21,53

Estacion Meteorologica 225MW



	HR (%)	Pres (mbar)	Temp (°C)
PROMEDIO	56,26	2,08	21,38
DESV EST	0,6060	0,0394	0,1580
%DESV EST	1,08%	1,89%	0,74%
DATOS	361	361	361

DURACIÓN	1:00:00			
02-02-2021	16:45:58	55,67	2,09	21,53
02-02-2021	16:46:08	55,67	2,06	21,53
02-02-2021	16:46:18	55,57	2,09	21,53
02-02-2021	16:46:28	55,57	2,06	21,53
02-02-2021	16:46:38	55,57	2,04	21,54
02-02-2021	16:46:48	55,57	2,05	21,54
02-02-2021	16:46:58	55,57	2,09	21,53
02-02-2021	16:47:08	55,57	2,07	21,53
02-02-2021	16:47:18	55,57	2,08	21,54
02-02-2021	16:47:28	55,57	2,07	21,53
02-02-2021	16:47:38	55,57	2,04	21,53
02-02-2021	16:47:48	55,67	1,97	21,54
02-02-2021	16:47:58	55,67	2,16	21,53
02-02-2021	16:48:08	55,67	2,11	21,54
02-02-2021	16:48:18	55,67	2,05	21,54
02-02-2021	16:48:28	55,67	2,09	21,54
02-02-2021	16:48:38	55,67	2,06	21,54
02-02-2021	16:48:48	55,67	2,07	21,54
02-02-2021	16:48:58	55,67	2,12	21,54
02-02-2021	16:49:08	55,67	2,12	21,54
02-02-2021	16:49:18	55,67	2,04	21,54
02-02-2021	16:49:28	55,67	2,1	21,54
02-02-2021	16:49:38	55,57	2,11	21,54
02-02-2021	16:49:48	55,57	2,1	21,54
02-02-2021	16:49:58	55,57	2,12	21,53
02-02-2021	16:50:08	55,57	2,09	21,54
02-02-2021	16:50:18	55,47	2,04	21,53
02-02-2021	16:50:28	55,47	2,13	21,53
02-02-2021	16:50:38	55,57	2,15	21,54
02-02-2021	16:50:48	55,57	2,04	21,54
02-02-2021	16:50:58	55,57	2,04	21,53
02-02-2021	16:51:08	55,57	2,06	21,53
02-02-2021	16:51:18	55,57	2,05	21,44
02-02-2021	16:51:28	55,57	2,14	21,43
02-02-2021	16:51:38	55,67	2,04	21,44
02-02-2021	16:51:48	55,67	2,07	21,44
02-02-2021	16:51:58	55,67	2,14	21,43
02-02-2021	16:52:08	55,67	2,03	21,44
02-02-2021	16:52:18	55,77	2,01	21,44
02-02-2021	16:52:28	55,87	2,12	21,44
02-02-2021	16:52:38	55,87	2,08	21,44
02-02-2021	16:52:48	55,97	2,11	21,44
02-02-2021	16:52:58	55,97	2,13	21,44
02-02-2021	16:53:08	55,97	2,11	21,44
02-02-2021	16:53:18	56,07	2,06	21,44
02-02-2021	16:53:28	56,07	2,02	21,44
02-02-2021	16:53:38	56,07	2,02	21,44
02-02-2021	16:53:48	56,07	2,04	21,44
02-02-2021	16:53:58	56,07	2,07	21,44
02-02-2021	16:54:08	56,07	2,07	21,44
02-02-2021	16:54:18	56,07	2,12	21,44
02-02-2021	16:54:28	56,07	2,04	21,44
02-02-2021	16:54:38	55,97	2,03	21,44
02-02-2021	16:54:48	55,97	2,07	21,44
02-02-2021	16:54:58	55,97	2,07	21,44
02-02-2021	16:55:08	55,97	2,03	21,44
02-02-2021	16:55:18	55,97	2,06	21,44
02-02-2021	16:55:28	55,97	2,11	21,44
02-02-2021	16:55:38	55,97	2,03	21,44
02-02-2021	16:55:48	55,97	2,04	21,44
02-02-2021	16:55:58	55,97	2,11	21,44
02-02-2021	16:56:08	55,97	2,1	21,44
02-02-2021	16:56:18	55,97	2,13	21,44
02-02-2021	16:56:28	55,97	2,14	21,44
02-02-2021	16:56:38	55,97	2,15	21,44
02-02-2021	16:56:48	55,97	2,08	21,44
02-02-2021	16:56:58	55,97	2,14	21,44
02-02-2021	16:57:08	55,97	2,01	21,44
02-02-2021	16:57:18	55,97	2,07	21,44
02-02-2021	16:57:28	55,97	2,14	21,44
02-02-2021	16:57:38	55,97	2,07	21,44
02-02-2021	16:57:48	55,97	2,02	21,44
02-02-2021	16:57:58	55,97	2,04	21,44
02-02-2021	16:58:08	55,97	2,09	21,44
02-02-2021	16:58:18	55,97	2,04	21,44
02-02-2021	16:58:28	55,97	2,09	21,44
02-02-2021	16:58:38	55,97	2,09	21,44
02-02-2021	16:58:48	55,97	2,1	21,44
02-02-2021	16:58:58	55,97	2,08	21,44
02-02-2021	16:59:08	55,97	2,12	21,44
02-02-2021	16:59:18	55,97	2,05	21,44
02-02-2021	16:59:28	55,97	2,05	21,44
02-02-2021	16:59:38	55,97	2,08	21,44
02-02-2021	16:59:48	55,87	2,05	21,44
02-02-2021	16:59:58	55,97	2,09	21,44
02-02-2021	17:00:08	55,97	2,07	21,44
02-02-2021	17:00:18	55,97	2,11	21,44
02-02-2021	17:00:28	55,97	2,07	21,44
02-02-2021	17:00:38	56,07	2,03	21,44
02-02-2021	17:00:48	56,07	2,08	21,44
02-02-2021	17:00:58	56,07	2,12	21,34
02-02-2021	17:01:08	56,17	2,09	21,34
02-02-2021	17:01:18	56,17	2,06	21,34
02-02-2021	17:01:28	56,26	2,05	21,34
02-02-2021	17:01:38	56,37	2,12	21,34
02-02-2021	17:01:48	56,37	2,08	21,34

Estacion Meteorologica 225MW



	HR (%)	Pres (mbar)	Temp (°C)
PROMEDIO	56,26	2,08	21,38
DESV EST	0,6060	0,0394	0,1580
%DESV EST	1,08%	1,89%	0,74%
DATOS	361	361	361

DURACIÓN	1:00:00			
02-02-2021	17:01:58	56,37	2,07	21,34
02-02-2021	17:02:08	56,37	2,06	21,34
02-02-2021	17:02:18	56,37	2,06	21,34
02-02-2021	17:02:28	56,37	2,04	21,34
02-02-2021	17:02:38	56,46	2,13	21,34
02-02-2021	17:02:48	56,37	2,1	21,34
02-02-2021	17:02:58	56,46	2,11	21,34
02-02-2021	17:03:08	56,46	2,13	21,34
02-02-2021	17:03:18	56,46	2,09	21,34
02-02-2021	17:03:28	56,46	2,07	21,34
02-02-2021	17:03:38	56,57	2,05	21,24
02-02-2021	17:03:48	56,57	2,09	21,25
02-02-2021	17:03:58	56,57	2,08	21,25
02-02-2021	17:04:08	56,66	2,16	21,25
02-02-2021	17:04:18	56,66	2,05	21,24
02-02-2021	17:04:28	56,66	2,06	21,24
02-02-2021	17:04:38	56,66	2,09	21,25
02-02-2021	17:04:48	56,57	2,07	21,24
02-02-2021	17:04:58	56,57	2,08	21,24
02-02-2021	17:05:08	56,66	2,07	21,25
02-02-2021	17:05:18	56,66	2,12	21,24
02-02-2021	17:05:28	56,66	2,14	21,24
02-02-2021	17:05:38	56,66	2,02	21,25
02-02-2021	17:05:48	56,66	2,06	21,25
02-02-2021	17:05:58	56,77	2,02	21,24
02-02-2021	17:06:08	56,77	2,02	21,24
02-02-2021	17:06:18	56,77	2,12	21,25
02-02-2021	17:06:28	56,77	2,14	21,25
02-02-2021	17:06:38	56,77	2	21,24
02-02-2021	17:06:48	56,77	2,14	21,25
02-02-2021	17:06:58	56,86	2,06	21,24
02-02-2021	17:07:08	56,86	2,08	21,25
02-02-2021	17:07:18	56,86	2,06	21,25
02-02-2021	17:07:28	56,86	2,04	21,25
02-02-2021	17:07:38	56,77	2,11	21,24
02-02-2021	17:07:48	56,77	2,06	21,24
02-02-2021	17:07:58	56,77	2,08	21,25
02-02-2021	17:08:08	56,77	2,07	21,24
02-02-2021	17:08:18	56,66	2,13	21,24
02-02-2021	17:08:28	56,66	2,09	21,24
02-02-2021	17:08:38	56,66	2,1	21,25
02-02-2021	17:08:48	56,66	2,04	21,24
02-02-2021	17:08:58	56,66	2,06	21,25
02-02-2021	17:09:08	56,66	2,08	21,25
02-02-2021	17:09:18	56,77	2,12	21,25
02-02-2021	17:09:28	56,66	2,06	21,25
02-02-2021	17:09:38	56,66	2,04	21,25
02-02-2021	17:09:48	56,66	2,02	21,24
02-02-2021	17:09:58	56,66	2,04	21,25
02-02-2021	17:10:08	56,66	2,1	21,24
02-02-2021	17:10:18	56,77	2,08	21,25
02-02-2021	17:10:28	56,77	2,06	21,24
02-02-2021	17:10:38	56,77	2,08	21,25
02-02-2021	17:10:48	56,66	2,12	21,25
02-02-2021	17:10:58	56,66	2,11	21,25
02-02-2021	17:11:08	56,66	2,07	21,25
02-02-2021	17:11:18	56,66	2,05	21,24
02-02-2021	17:11:28	56,77	2,02	21,25
02-02-2021	17:11:38	56,77	2,11	21,25
02-02-2021	17:11:48	56,77	2,11	21,25
02-02-2021	17:11:58	56,77	2,07	21,24
02-02-2021	17:12:08	56,86	2,12	21,24
02-02-2021	17:12:18	56,86	2,07	21,25
02-02-2021	17:12:28	56,86	2,03	21,25
02-02-2021	17:12:38	56,86	2,13	21,25
02-02-2021	17:12:48	56,86	2,08	21,25
02-02-2021	17:12:58	56,86	2,08	21,24
02-02-2021	17:13:08	56,86	2,16	21,25
02-02-2021	17:13:18	56,86	2,11	21,25
02-02-2021	17:13:28	56,86	2,14	21,24
02-02-2021	17:13:38	56,86	2,08	21,25
02-02-2021	17:13:48	56,77	2,1	21,25
02-02-2021	17:13:58	56,77	2,12	21,25
02-02-2021	17:14:08	56,77	2,08	21,24
02-02-2021	17:14:18	56,77	2,07	21,24
02-02-2021	17:14:28	56,77	2,18	21,25
02-02-2021	17:14:38	56,77	2,08	21,25
02-02-2021	17:14:48	56,77	2,12	21,25
02-02-2021	17:14:58	56,77	2,13	21,25
02-02-2021	17:15:08	56,77	2,16	21,25
02-02-2021	17:15:18	56,77	2,07	21,25
02-02-2021	17:15:28	56,77	2,14	21,25
02-02-2021	17:15:38	56,77	2,06	21,25
02-02-2021	17:15:48	56,77	2,12	21,24
02-02-2021	17:15:58	56,86	2,06	21,25
02-02-2021	17:16:08	56,86	2,07	21,25
02-02-2021	17:16:18	56,86	2,04	21,25
02-02-2021	17:16:28	56,86	2,05	21,24
02-02-2021	17:16:38	56,86	2,13	21,25
02-02-2021	17:16:48	56,86	2,11	21,24
02-02-2021	17:16:58	56,86	2,15	21,25
02-02-2021	17:17:08	56,86	2,1	21,25
02-02-2021	17:17:18	56,86	2,09	21,25
02-02-2021	17:17:28	56,97	2,16	21,25
02-02-2021	17:17:38	56,97	2,1	21,25
02-02-2021	17:17:48	56,97	2,13	21,25

Estacion Meteorologica 225MW



	HR (%)	Pres (mbar)	Temp (°C)
PROMEDIO	56,26	2,08	21,38
DESV EST	0,6060	0,0394	0,1580
%DESV EST	1,08%	1,89%	0,74%
DATOS	361	361	361

DURACIÓN	1:00:00			
02-02-2021	17:17:58	56,97	2,06	21,25
02-02-2021	17:18:08	56,97	2,12	21,25
02-02-2021	17:18:18	56,97	2,13	21,24
02-02-2021	17:18:28	56,97	2,07	21,25
02-02-2021	17:18:38	56,97	2,12	21,25
02-02-2021	17:18:48	56,97	2,06	21,25
02-02-2021	17:18:58	56,97	2,05	21,15
02-02-2021	17:19:08	56,97	2,13	21,15
02-02-2021	17:19:18	56,97	2,05	21,15
02-02-2021	17:19:28	56,97	2,09	21,15
02-02-2021	17:19:38	57,06	2,05	21,15
02-02-2021	17:19:48	57,06	2,08	21,15
02-02-2021	17:19:58	57,06	2,01	21,15
02-02-2021	17:20:08	57,06	2,06	21,15
02-02-2021	17:20:18	57,17	2,04	21,15
02-02-2021	17:20:28	57,17	2,04	21,15
02-02-2021	17:20:38	57,17	2,06	21,15
02-02-2021	17:20:48	57,17	2,12	21,15
02-02-2021	17:20:58	57,17	2,15	21,15
02-02-2021	17:21:08	57,17	2,14	21,15
02-02-2021	17:21:18	57,17	2,08	21,15
02-02-2021	17:21:28	57,17	2,08	21,15
02-02-2021	17:21:38	57,17	1,96	21,15
02-02-2021	17:21:48	57,17	2,1	21,15
02-02-2021	17:21:58	57,17	2,07	21,15
02-02-2021	17:22:08	57,17	2,08	21,15
02-02-2021	17:22:18	57,17	2,05	21,15
02-02-2021	17:22:28	57,17	2,09	21,15
02-02-2021	17:22:38	57,17	2,03	21,15
02-02-2021	17:22:48	57,17	2,14	21,15
02-02-2021	17:22:58	57,17	2,08	21,15
02-02-2021	17:23:08	57,17	2,02	21,15
02-02-2021	17:23:18	57,17	2	21,25
02-02-2021	17:23:28	57,17	2,07	21,25
02-02-2021	17:23:38	57,06	2,08	21,25
02-02-2021	17:23:48	57,06	2,08	21,25
02-02-2021	17:23:58	57,07	2,06	21,25
02-02-2021	17:24:08	56,97	2,1	21,25
02-02-2021	17:24:18	56,97	2,07	21,25
02-02-2021	17:24:28	56,86	2,12	21,25
02-02-2021	17:24:38	56,86	1,98	21,24
02-02-2021	17:24:48	56,77	2,11	21,25
02-02-2021	17:24:58	56,77	2,04	21,25
02-02-2021	17:25:08	56,77	2,1	21,25
02-02-2021	17:25:18	56,66	2,09	21,25
02-02-2021	17:25:28	56,66	2,1	21,25
02-02-2021	17:25:38	56,66	2,07	21,24
02-02-2021	17:25:48	56,66	2,09	21,25
02-02-2021	17:25:58	56,66	2,07	21,25
02-02-2021	17:26:08	56,66	2,01	21,25
02-02-2021	17:26:18	56,77	2,11	21,24
02-02-2021	17:26:28	56,77	2,07	21,25
02-02-2021	17:26:38	56,77	2,06	21,24
02-02-2021	17:26:48	56,77	2,05	21,25
02-02-2021	17:26:58	56,77	2,01	21,25
02-02-2021	17:27:08	56,86	2,02	21,25
02-02-2021	17:27:18	56,86	2,12	21,25
02-02-2021	17:27:28	56,86	2,03	21,25
02-02-2021	17:27:38	56,97	2,09	21,24
02-02-2021	17:27:48	56,97	2,02	21,25
02-02-2021	17:27:58	57,06	2,1	21,15
02-02-2021	17:28:08	57,06	2,1	21,15
02-02-2021	17:28:18	57,06	2,06	21,15
02-02-2021	17:28:28	57,06	2,1	21,15
02-02-2021	17:28:38	57,17	2,03	21,15
02-02-2021	17:28:48	57,17	2,07	21,15
02-02-2021	17:28:58	57,17	2,01	21,15
02-02-2021	17:29:08	57,17	2,06	21,15
02-02-2021	17:29:18	57,17	2,06	21,15
02-02-2021	17:29:28	57,26	2,06	21,15
02-02-2021	17:29:38	57,26	2,09	21,15
02-02-2021	17:29:48	57,36	2,04	21,15
02-02-2021	17:29:58	57,46	2,12	21,15
02-02-2021	17:30:08	57,46	2,17	21,05

Estacion Meteorologica 195MW



	HR (%)	Pres (mbar)	Temp (°C)
PROMEDIO	58,53	2,06	20,67
DESV EST	0,5645	0,0376	0,1901
%DESV EST	0,96%	1,83%	0,92%
DATOS	361	361	361

DURACIÓN		1:00:00			
DATE	TIME	HR (%)	Pres (mbar)	Temp (°C)	
02-02-2021	18:00:08	57,76	1,97	20,95	
02-02-2021	18:00:18	57,76	2,08	20,96	
02-02-2021	18:00:28	57,76	2,06	20,96	
02-02-2021	18:00:38	57,76	2,09	20,95	
02-02-2021	18:00:48	57,76	2,04	20,96	
02-02-2021	18:00:58	57,76	1,99	20,95	
02-02-2021	18:01:08	57,76	2,06	20,96	
02-02-2021	18:01:18	57,66	2,11	20,96	
02-02-2021	18:01:28	57,66	2,01	20,95	
02-02-2021	18:01:38	57,66	2,07	20,95	
02-02-2021	18:01:48	57,66	2,11	20,95	
02-02-2021	18:01:58	57,66	2,05	20,96	
02-02-2021	18:02:08	57,66	2,06	20,96	
02-02-2021	18:02:18	57,66	2,05	20,95	
02-02-2021	18:02:28	57,66	2,04	20,95	
02-02-2021	18:02:38	57,66	1,99	20,95	
02-02-2021	18:02:48	57,76	1,96	20,96	
02-02-2021	18:02:58	57,76	2,09	20,96	
02-02-2021	18:03:08	57,76	2,09	20,96	
02-02-2021	18:03:18	57,76	2,02	20,96	
02-02-2021	18:03:28	57,76	2,05	20,95	
02-02-2021	18:03:38	57,76	2,09	20,96	
02-02-2021	18:03:48	57,76	2,01	20,96	
02-02-2021	18:03:58	57,76	2,07	20,95	
02-02-2021	18:04:08	57,76	2,05	20,96	
02-02-2021	18:04:18	57,76	2,04	20,96	
02-02-2021	18:04:28	57,76	2,09	20,96	
02-02-2021	18:04:38	57,76	2,04	20,96	
02-02-2021	18:04:48	57,76	2,1	20,96	
02-02-2021	18:04:58	57,76	2,11	20,95	
02-02-2021	18:05:08	57,86	2,09	20,96	
02-02-2021	18:05:18	57,86	2,08	20,96	
02-02-2021	18:05:28	57,86	2,01	20,86	
02-02-2021	18:05:38	57,86	2,02	20,86	
02-02-2021	18:05:48	57,87	2,05	20,86	
02-02-2021	18:05:58	57,86	2,05	20,86	
02-02-2021	18:06:08	57,86	2,04	20,86	
02-02-2021	18:06:18	57,86	2,06	20,86	
02-02-2021	18:06:28	57,86	2,13	20,86	
02-02-2021	18:06:38	57,86	2,08	20,86	
02-02-2021	18:06:48	57,96	2,05	20,86	
02-02-2021	18:06:58	57,96	2,02	20,86	
02-02-2021	18:07:08	57,96	2,08	20,86	
02-02-2021	18:07:18	58,06	2,1	20,86	
02-02-2021	18:07:28	58,06	2,09	20,86	
02-02-2021	18:07:38	58,06	2,03	20,86	
02-02-2021	18:07:48	58,26	2,12	20,86	
02-02-2021	18:07:58	58,36	2,07	20,86	
02-02-2021	18:08:08	58,36	2	20,86	
02-02-2021	18:08:18	58,45	2,13	20,86	
02-02-2021	18:08:28	58,45	2,07	20,86	
02-02-2021	18:08:38	58,45	2,04	20,86	
02-02-2021	18:08:48	58,56	2,02	20,86	
02-02-2021	18:08:58	58,56	2,12	20,86	
02-02-2021	18:09:08	58,56	2,06	20,86	
02-02-2021	18:09:18	58,56	2,11	20,86	
02-02-2021	18:09:28	58,56	2,12	20,86	
02-02-2021	18:09:38	58,56	2	20,86	
02-02-2021	18:09:48	58,45	2,07	20,86	
02-02-2021	18:09:58	58,45	2,13	20,86	
02-02-2021	18:10:08	58,45	2,07	20,86	
02-02-2021	18:10:18	58,45	2,06	20,86	
02-02-2021	18:10:28	58,45	2,09	20,86	
02-02-2021	18:10:38	58,45	2,09	20,86	
02-02-2021	18:10:48	58,45	2,05	20,86	
02-02-2021	18:10:58	58,45	2,02	20,86	
02-02-2021	18:11:08	58,45	2,03	20,86	
02-02-2021	18:11:18	58,45	2,03	20,86	
02-02-2021	18:11:28	58,36	2,05	20,86	
02-02-2021	18:11:38	58,36	2,07	20,86	
02-02-2021	18:11:48	58,27	2,08	20,86	
02-02-2021	18:11:58	58,26	2,06	20,86	
02-02-2021	18:12:08	58,26	2,06	20,86	
02-02-2021	18:12:18	58,26	2,1	20,86	
02-02-2021	18:12:28	58,26	2,04	20,86	
02-02-2021	18:12:38	58,16	2,04	20,86	
02-02-2021	18:12:48	58,16	2,06	20,86	
02-02-2021	18:12:58	58,06	2,1	20,86	
02-02-2021	18:13:08	58,06	2,02	20,86	
02-02-2021	18:13:18	58,06	2,08	20,86	
02-02-2021	18:13:28	57,96	2,05	20,86	
02-02-2021	18:13:38	57,96	2,01	20,86	
02-02-2021	18:13:48	57,96	2,05	20,86	
02-02-2021	18:13:58	57,86	2,06	20,86	
02-02-2021	18:14:08	57,86	2,1	20,86	
02-02-2021	18:14:18	57,76	1,97	20,86	
02-02-2021	18:14:28	57,76	1,99	20,86	
02-02-2021	18:14:38	57,76	2	20,86	
02-02-2021	18:14:48	57,76	2,04	20,86	
02-02-2021	18:14:58	57,76	2	20,86	
02-02-2021	18:15:08	57,66	2,02	20,86	
02-02-2021	18:15:18	57,66	2,02	20,95	
02-02-2021	18:15:28	57,56	2,02	20,95	
02-02-2021	18:15:38	57,56	2,03	20,95	
02-02-2021	18:15:48	57,56	2,07	20,95	

Estacion Meteorologica 195MW



	HR (%)	Pres (mbar)	Temp (°C)
PROMEDIO	58,53	2,06	20,67
DESV EST	0,5645	0,0376	0,1901
%DESV EST	0,96%	1,83%	0,92%
DATOS	361	361	361

DURACIÓN		1:00:00		
02-02-2021	18:15:58	57,56	2,06	20,86
02-02-2021	18:16:08	57,56	2,01	20,86
02-02-2021	18:16:18	57,56	2,07	20,86
02-02-2021	18:16:28	57,56	2,1	20,86
02-02-2021	18:16:38	57,56	2,08	20,86
02-02-2021	18:16:48	57,56	2,09	20,86
02-02-2021	18:16:58	57,56	2,06	20,86
02-02-2021	18:17:08	57,56	2,08	20,86
02-02-2021	18:17:18	57,56	2,03	20,86
02-02-2021	18:17:28	57,56	2,07	20,86
02-02-2021	18:17:38	57,66	2,08	20,86
02-02-2021	18:17:48	57,66	2,03	20,86
02-02-2021	18:17:58	57,66	2,13	20,86
02-02-2021	18:18:08	57,66	2	20,86
02-02-2021	18:18:18	57,76	2,11	20,86
02-02-2021	18:18:28	57,76	2,05	20,86
02-02-2021	18:18:38	57,76	2,04	20,86
02-02-2021	18:18:48	57,86	2,1	20,86
02-02-2021	18:18:58	57,96	2,01	20,86
02-02-2021	18:19:08	57,96	2,04	20,86
02-02-2021	18:19:18	58,06	2,03	20,86
02-02-2021	18:19:28	58,06	2,06	20,76
02-02-2021	18:19:38	58,16	2,08	20,76
02-02-2021	18:19:48	58,16	2,07	20,76
02-02-2021	18:19:58	58,16	2,05	20,76
02-02-2021	18:20:08	58,16	1,99	20,76
02-02-2021	18:20:18	58,16	2,04	20,76
02-02-2021	18:20:28	58,16	2	20,76
02-02-2021	18:20:38	58,16	2,08	20,76
02-02-2021	18:20:48	58,16	2,03	20,76
02-02-2021	18:20:58	58,16	2,07	20,76
02-02-2021	18:21:08	58,26	2,09	20,76
02-02-2021	18:21:18	58,26	2,08	20,76
02-02-2021	18:21:28	58,26	2,02	20,76
02-02-2021	18:21:38	58,27	1,98	20,76
02-02-2021	18:21:48	58,26	2,13	20,76
02-02-2021	18:21:58	58,26	2,11	20,76
02-02-2021	18:22:08	58,26	2,05	20,76
02-02-2021	18:22:18	58,26	2,08	20,76
02-02-2021	18:22:28	58,26	2,1	20,76
02-02-2021	18:22:38	58,16	2,03	20,76
02-02-2021	18:22:48	58,16	2,08	20,76
02-02-2021	18:22:58	58,16	1,99	20,76
02-02-2021	18:23:08	58,26	2,13	20,76
02-02-2021	18:23:18	58,36	2,01	20,76
02-02-2021	18:23:28	58,36	2,03	20,76
02-02-2021	18:23:38	58,45	2,08	20,76
02-02-2021	18:23:48	58,56	2,09	20,76
02-02-2021	18:23:58	58,56	2,07	20,76
02-02-2021	18:24:08	58,56	2,02	20,76
02-02-2021	18:24:18	58,56	2,05	20,76
02-02-2021	18:24:28	58,46	2,1	20,76
02-02-2021	18:24:38	58,45	2,13	20,76
02-02-2021	18:24:48	58,45	2,07	20,77
02-02-2021	18:24:58	58,45	2,03	20,76
02-02-2021	18:25:08	58,36	2,08	20,66
02-02-2021	18:25:18	58,36	2,02	20,66
02-02-2021	18:25:28	58,26	2,08	20,66
02-02-2021	18:25:38	58,26	2,04	20,66
02-02-2021	18:25:48	58,26	2,12	20,66
02-02-2021	18:25:58	58,27	2,08	20,66
02-02-2021	18:26:08	58,26	2,11	20,66
02-02-2021	18:26:18	58,27	2,08	20,66
02-02-2021	18:26:28	58,26	2,11	20,66
02-02-2021	18:26:38	58,26	2,06	20,66
02-02-2021	18:26:48	58,26	2,08	20,66
02-02-2021	18:26:58	58,26	2,07	20,66
02-02-2021	18:27:08	58,26	2,06	20,66
02-02-2021	18:27:18	58,27	2,03	20,66
02-02-2021	18:27:28	58,26	2,11	20,66
02-02-2021	18:27:38	58,16	2,08	20,66
02-02-2021	18:27:48	58,16	2,06	20,66
02-02-2021	18:27:58	58,16	2,11	20,66
02-02-2021	18:28:08	58,16	2,13	20,66
02-02-2021	18:28:18	58,26	2,07	20,66
02-02-2021	18:28:28	58,26	2,06	20,66
02-02-2021	18:28:38	58,26	1,99	20,66
02-02-2021	18:28:48	58,26	2,04	20,66
02-02-2021	18:28:58	58,36	2,13	20,66
02-02-2021	18:29:08	58,45	2,07	20,67
02-02-2021	18:29:18	58,45	2,01	20,66
02-02-2021	18:29:28	58,56	2,06	20,66
02-02-2021	18:29:38	58,65	2,01	20,66
02-02-2021	18:29:48	58,65	2,11	20,67
02-02-2021	18:29:58	58,65	2,03	20,66
02-02-2021	18:30:08	58,76	2,09	20,66
02-02-2021	18:30:18	58,85	2,07	20,67
02-02-2021	18:30:28	59,05	2,05	20,67
02-02-2021	18:30:38	59,16	2,1	20,67
02-02-2021	18:30:48	59,16	2,01	20,67
02-02-2021	18:30:58	59,16	2,07	20,67
02-02-2021	18:31:08	59,16	2,03	20,66
02-02-2021	18:31:18	59,16	2,07	20,67
02-02-2021	18:31:28	59,16	2,06	20,67
02-02-2021	18:31:38	59,05	2,08	20,67
02-02-2021	18:31:48	59,05	2,01	20,67

Estacion Meteorologica 195MW



	HR (%)	Pres (mbar)	Temp (°C)
PROMEDIO	58,53	2,06	20,67
DESV EST	0,5645	0,0376	0,1901
%DESV EST	0,96%	1,83%	0,92%
DATOS	361	361	361

DURACIÓN	1:00:00			
02-02-2021	18:31:58	59,05	2,02	20,67
02-02-2021	18:32:08	58,96	2,08	20,67
02-02-2021	18:32:18	58,85	2,1	20,66
02-02-2021	18:32:28	58,85	2,04	20,67
02-02-2021	18:32:38	58,76	2,01	20,66
02-02-2021	18:32:48	58,76	2,03	20,66
02-02-2021	18:32:58	58,65	2,04	20,67
02-02-2021	18:33:08	58,65	1,97	20,66
02-02-2021	18:33:18	58,65	2,07	20,67
02-02-2021	18:33:28	58,56	2,11	20,66
02-02-2021	18:33:38	58,56	2,07	20,66
02-02-2021	18:33:48	58,56	2,02	20,66
02-02-2021	18:33:58	58,56	2,07	20,57
02-02-2021	18:34:08	58,56	2,07	20,56
02-02-2021	18:34:18	58,56	2,06	20,57
02-02-2021	18:34:28	58,56	2,09	20,57
02-02-2021	18:34:38	58,56	2,07	20,57
02-02-2021	18:34:48	58,56	2,03	20,57
02-02-2021	18:34:58	58,56	2,08	20,57
02-02-2021	18:35:08	58,45	2,01	20,56
02-02-2021	18:35:18	58,56	2,06	20,57
02-02-2021	18:35:28	58,56	2	20,57
02-02-2021	18:35:38	58,56	2,03	20,56
02-02-2021	18:35:48	58,56	2,09	20,56
02-02-2021	18:35:58	58,56	2,09	20,57
02-02-2021	18:36:08	58,56	2,02	20,56
02-02-2021	18:36:18	58,56	2,08	20,57
02-02-2021	18:36:28	58,56	2,1	20,56
02-02-2021	18:36:38	58,56	2,08	20,57
02-02-2021	18:36:48	58,56	2	20,57
02-02-2021	18:36:58	58,56	2,09	20,56
02-02-2021	18:37:08	58,56	2	20,56
02-02-2021	18:37:18	58,65	2,09	20,57
02-02-2021	18:37:28	58,56	2,08	20,57
02-02-2021	18:37:38	58,65	2,07	20,56
02-02-2021	18:37:48	58,65	2,05	20,57
02-02-2021	18:37:58	58,65	2,07	20,57
02-02-2021	18:38:08	58,65	2,05	20,56
02-02-2021	18:38:18	58,65	2,06	20,56
02-02-2021	18:38:28	58,65	2	20,57
02-02-2021	18:38:38	58,76	2,07	20,56
02-02-2021	18:38:48	58,76	2	20,57
02-02-2021	18:38:58	58,76	2,11	20,56
02-02-2021	18:39:08	58,76	2,05	20,57
02-02-2021	18:39:18	58,76	2,07	20,56
02-02-2021	18:39:28	58,76	2,07	20,57
02-02-2021	18:39:38	58,76	2,07	20,56
02-02-2021	18:39:48	58,76	2,1	20,56
02-02-2021	18:39:58	58,76	2,06	20,57
02-02-2021	18:40:08	58,85	2,13	20,57
02-02-2021	18:40:18	58,85	2,02	20,57
02-02-2021	18:40:28	58,85	2,07	20,57
02-02-2021	18:40:38	58,85	2,01	20,56
02-02-2021	18:40:48	58,85	1,99	20,56
02-02-2021	18:40:58	58,96	2,02	20,57
02-02-2021	18:41:08	59,05	1,97	20,57
02-02-2021	18:41:18	59,16	2,02	20,57
02-02-2021	18:41:28	59,16	2,05	20,47
02-02-2021	18:41:38	59,16	2,08	20,47
02-02-2021	18:41:48	59,16	2,09	20,47
02-02-2021	18:41:58	59,16	2,07	20,47
02-02-2021	18:42:08	59,05	2,11	20,57
02-02-2021	18:42:18	59,05	2,02	20,57
02-02-2021	18:42:28	58,96	2,03	20,57
02-02-2021	18:42:38	58,96	2,09	20,47
02-02-2021	18:42:48	58,96	2,08	20,47
02-02-2021	18:42:58	58,96	2,1	20,47
02-02-2021	18:43:08	58,96	2,08	20,47
02-02-2021	18:43:18	58,96	2,05	20,47
02-02-2021	18:43:28	58,96	2,03	20,47
02-02-2021	18:43:38	58,85	2,07	20,47
02-02-2021	18:43:48	58,85	2	20,57
02-02-2021	18:43:58	58,85	2,05	20,57
02-02-2021	18:44:08	58,85	2,06	20,57
02-02-2021	18:44:18	58,76	1,99	20,56
02-02-2021	18:44:28	58,76	1,99	20,57
02-02-2021	18:44:38	58,85	2	20,57
02-02-2021	18:44:48	58,76	2,07	20,57
02-02-2021	18:44:58	58,76	1,99	20,57
02-02-2021	18:45:08	58,76	2,02	20,57
02-02-2021	18:45:18	58,76	2,07	20,57
02-02-2021	18:45:28	58,76	2,05	20,57
02-02-2021	18:45:38	58,76	2,04	20,56
02-02-2021	18:45:48	58,76	2,04	20,56
02-02-2021	18:45:58	58,76	2,09	20,57
02-02-2021	18:46:08	58,85	2,08	20,56
02-02-2021	18:46:18	58,76	2,05	20,57
02-02-2021	18:46:28	58,76	2,03	20,57
02-02-2021	18:46:38	58,76	2,1	20,56
02-02-2021	18:46:48	58,76	2,08	20,56
02-02-2021	18:46:58	58,76	2,1	20,56
02-02-2021	18:47:08	58,76	2,08	20,57
02-02-2021	18:47:18	58,76	2,02	20,56
02-02-2021	18:47:28	58,76	2,05	20,56
02-02-2021	18:47:38	58,76	2,01	20,56
02-02-2021	18:47:48	58,76	1,96	20,57

Estacion Meteorologica 195MW



	HR (%)	Pres (mbar)	Temp (°C)
PROMEDIO	58,53	2,06	20,67
DESV EST	0,5645	0,0376	0,1901
%DESV EST	0,96%	1,83%	0,92%
DATOS	361	361	361

DURACIÓN	1:00:00			
02-02-2021	18:47:58	58,76	2,05	20,56
02-02-2021	18:48:08	58,85	2,04	20,56
02-02-2021	18:48:18	58,85	2,08	20,57
02-02-2021	18:48:28	58,96	2,07	20,57
02-02-2021	18:48:38	58,96	2,07	20,57
02-02-2021	18:48:48	59,05	2,09	20,57
02-02-2021	18:48:58	59,05	2,02	20,57
02-02-2021	18:49:08	59,05	2,06	20,57
02-02-2021	18:49:18	59,05	2,03	20,57
02-02-2021	18:49:28	59,05	2,05	20,57
02-02-2021	18:49:38	58,96	2,05	20,57
02-02-2021	18:49:48	58,96	2,05	20,47
02-02-2021	18:49:58	58,96	2,02	20,47
02-02-2021	18:50:08	58,96	2	20,47
02-02-2021	18:50:18	58,96	2,1	20,47
02-02-2021	18:50:28	58,96	2,06	20,47
02-02-2021	18:50:38	58,96	1,97	20,47
02-02-2021	18:50:48	58,96	2,1	20,47
02-02-2021	18:50:58	58,96	1,99	20,47
02-02-2021	18:51:08	58,96	2,09	20,47
02-02-2021	18:51:18	58,96	2,03	20,47
02-02-2021	18:51:28	58,96	2,04	20,47
02-02-2021	18:51:38	58,96	2,05	20,47
02-02-2021	18:51:48	58,96	2,13	20,47
02-02-2021	18:51:58	58,96	2,13	20,47
02-02-2021	18:52:08	58,96	2	20,47
02-02-2021	18:52:18	58,96	2,09	20,47
02-02-2021	18:52:28	58,96	2,05	20,47
02-02-2021	18:52:38	59,05	2,08	20,47
02-02-2021	18:52:48	59,05	2,07	20,47
02-02-2021	18:52:58	59,05	2,14	20,47
02-02-2021	18:53:08	59,05	2,03	20,47
02-02-2021	18:53:18	59,16	2,06	20,47
02-02-2021	18:53:28	59,16	2,02	20,47
02-02-2021	18:53:38	59,25	2,01	20,47
02-02-2021	18:53:48	59,25	2,05	20,47
02-02-2021	18:53:58	59,25	2,09	20,47
02-02-2021	18:54:08	59,25	2,02	20,47
02-02-2021	18:54:18	59,25	2	20,47
02-02-2021	18:54:28	59,25	2,02	20,47
02-02-2021	18:54:38	59,25	2,07	20,47
02-02-2021	18:54:48	59,25	2,03	20,37
02-02-2021	18:54:58	59,25	2	20,37
02-02-2021	18:55:08	59,25	2,1	20,37
02-02-2021	18:55:18	59,25	2,08	20,37
02-02-2021	18:55:28	59,25	2,04	20,37
02-02-2021	18:55:38	59,25	2	20,37
02-02-2021	18:55:48	59,25	2,04	20,37
02-02-2021	18:55:58	59,25	2,09	20,37
02-02-2021	18:56:08	59,25	2,08	20,37
02-02-2021	18:56:18	59,25	2,08	20,37
02-02-2021	18:56:28	59,36	2,03	20,37
02-02-2021	18:56:38	59,36	2,04	20,37
02-02-2021	18:56:48	59,45	2,09	20,27
02-02-2021	18:56:58	59,45	2,06	20,27
02-02-2021	18:57:08	59,46	2	20,28
02-02-2021	18:57:18	59,56	2,11	20,27
02-02-2021	18:57:28	59,56	2,06	20,27
02-02-2021	18:57:38	59,65	2,02	20,27
02-02-2021	18:57:48	59,65	2,08	20,28
02-02-2021	18:57:58	59,65	2,04	20,28
02-02-2021	18:58:08	59,65	2,03	20,27
02-02-2021	18:58:18	59,75	2,08	20,27
02-02-2021	18:58:28	59,75	2,09	20,28
02-02-2021	18:58:38	59,75	2,08	20,27
02-02-2021	18:58:48	59,75	2,08	20,27
02-02-2021	18:58:58	59,85	2	20,28
02-02-2021	18:59:08	59,95	2,11	20,28
02-02-2021	18:59:18	59,85	2,11	20,28
02-02-2021	18:59:28	59,85	2,01	20,28
02-02-2021	18:59:38	59,85	2,08	20,27
02-02-2021	18:59:48	59,86	2,06	20,28
02-02-2021	18:59:58	59,85	2,06	20,27
02-02-2021	19:00:08	59,85	2,09	20,28

POTENCIA BRUTA Neh II TG Excel

395MW



		kWh rec int	kVARh rec int	Vll avg	I avg	kW tot	kVAR tot	PF sign tot	PF lead tot	PF lag tot	Freq		
PROMEDIO		44.700.953	851.000.382	16.090.729	97.946.462	268.212	-50.653	-98.257.671		98.257.671	50.018.160		
DESV EST		14537,3045	30157210,72	19050,00305	249384,96	595,2925	2994,589	200323,625		200323,63	62857,158		
%DESV EST		0,0325%	3,5437%	0,1184%	0,2546%	0,2219%	-5,9120%	-0,2039%		0,2039%	0,1257%		
DATOS		61	61	61	61	61	61	61		61	61		
DURACIÓN		1:00:00											
Date	Time	kWh del int	kVARh del int	kWh rec int	kVARh rec int	Vll avg	I avg	kW tot	kVAR tot	PF sign tot	PF lead tot	PF lag tot	Freq
02-02-2021	7:30:00	0.000000	0.000000	44.696.641	811.286.011	16072124	97.921.523	-268816,8	-45181,5	-98.616.768		98.616.768	50.046.719
02-02-2021	7:31:00	0.000000	0.000000	44.702.720	842.759.583	16086793	98.299.941	-269073,2	-51143,73	-98.241.119		98.241.119	49.938.877
02-02-2021	7:32:00	0.000000	0.000000	44.699.204	856.971.802	16089892	97.849.473	-267720,4	-51756,8	-98.182.091		98.182.091	50.007.877
02-02-2021	7:33:00	0.000000	0.000000	44.694.937	855.129.700	16103874	98.080.264	-268681,3	-51482,87	-98.213.272		98.213.272	49.964.695
02-02-2021	7:34:00	0.000000	0.000000	44.710.029	864.127.869	16074979	98.195.020	-268887,5	-49410	-98.353.256		98.353.256	50.018.139
02-02-2021	7:35:00	0.000000	0.000000	44.696.577	846.603.271	16101116	97.576.748	-267482,7	-49995,93	-98.297.661		98.297.661	50.048.779
02-02-2021	7:36:00	0.000000	0.000000	44.702.744	846.801.147	16088689	97.743.896	-267845,5	-49456,34	-98.337.700		98.337.700	50.058.662
02-02-2021	7:37:00	0.000000	0.000000	44.701.953	848.305.786	16091213	97.852.529	-268111,8	-49895,48	-98.312.065		98.312.065	50.059.345
02-02-2021	7:38:00	0.000000	0.000000	44.700.532	850.395.508	16093364	97.834.219	-267745,8	-51759,53	-98.182.243		98.182.243	49.998.608
02-02-2021	7:39:00	0.000000	0.000000	44.701.045	854.106.873	16073104	98.162.490	-269398,4	-45871,22	-98.581.139		98.581.139	50.103.558
02-02-2021	7:40:00	0.000000	0.000000	44.706.382	806.639.404	16071812	97.931.162	-268177,5	-48947,23	-98.374.855		98.374.855	50.043.705
02-02-2021	7:41:00	0.000000	0.000000	44.700.664	851.927.246	16092829	97.906.270	-268161,7	-50603,7	-98.265.686		98.265.686	50.004.551
02-02-2021	7:42:00	0.000000	0.000000	44.690.537	857.823.547	16126527	97.993.408	-268402,1	-53640,78	-98.060.852		98.060.852	49.978.870
02-02-2021	7:43:00	0.000000	0.000000	44.715.000	840.515.991	16067296	98.337.920	-269307,7	-48624,32	-98.408.829		98.408.829	50.046.974
02-02-2021	7:44:00	0.000000	0.000000	44.703.833	836.973.755	16087979	97.741.729	-267762,2	-49762,98	-98.316.521		98.316.521	50.056.583
02-02-2021	7:45:00	0.000000	0.000000	44.696.035	838.012.634	16093163	97.964.678	-268435,5	-50036,66	-98.306.732		98.306.732	50.046.272
02-02-2021	7:46:00	0.000000	0.000000	44.707.031	842.848.145	16077362	97.767.744	-268042,4	-47645,86	-98.456.642		98.456.642	50.085.480
02-02-2021	7:47:00	0.000000	0.000000	44.699.497	826.315.796	16109761	97.753.877	-267931,4	-51096,36	-98.229.691		98.229.691	50.057.545
02-02-2021	7:48:00	0.000000	0.000000	44.701.577	821.778.259	16062069	97.698.330	-267981,4	-45371,16	-98.596.848		98.596.848	50.103.817
02-02-2021	7:49:00	0.000000	0.000000	44.699.146	804.762.878	16124871	97.832.275	-267788,6	-54219,39	-98.011.223		98.011.223	50.000.732
02-02-2021	7:50:00	0.000000	0.000000	44.706.284	839.441.772	16070957	98.035.781	-268496,4	-48781,59	-98.389.305		98.389.305	50.088.554
02-02-2021	7:51:00	0.000000	0.000000	44.706.260	848.430.420	16088364	98.041.816	-268542	-50218,02	-98.296.066		98.296.066	50.068.768
02-02-2021	7:52:00	0.000000	0.000000	44.694.624	842.115.723	16103897	98.071.689	-268555,1	-51981,13	-98.177.795		98.177.795	50.055.252
02-02-2021	7:53:00	0.000000	0.000000	44.701.699	845.218.872	16093602	97.946.982	-268452,1	-49721,36	-98.327.675		98.327.675	50.083.523
02-02-2021	7:54:00	0.000000	0.000000	44.709.160	833.279.785	16082549	98.140.205	-268971,9	-48826,41	-98.391.983		98.391.983	50.126.293
02-02-2021	7:55:00	0.000000	0.000000	44.700.332	827.295.349	16101002	97.670.830	-267618,4	-50684,78	-98.253.380		98.253.380	50.060.539
02-02-2021	7:56:00	0.000000	0.000000	44.596.533	801.800.537	16069979	96.830.264	-265858,4	-44222,85	-98.644.615		98.644.615	50.168.671
02-02-2021	7:57:00	0.000000	0.000000	44.695.005	789.616.333	16072313	97.985.889	-269050,3	-44861,87	-98.638.191		98.638.191	50.130.684
02-02-2021	7:58:00	0.000000	0.000000	44.703.779	795.271.606	16093377	97.690.254	-268297	-46530,75	-98.529.198		98.529.198	50.086.296
02-02-2021	7:59:00	0.000000	0.000000	44.701.084	821.916.687	16105724	97.474.736	-266942,8	-51712,69	-98.174.805		98.174.805	50.041.004
02-02-2021	8:00:00	0.000000	0.000000	44.703.086	853.317.322	16110669	97.712.344	-267738,9	-51559,73	-98.195.778		98.195.778	50.061.089
02-02-2021	8:01:00	0.000000	0.000000	44.700.405	850.415.649	16077138	98.069.766	-268431	-50211,25	-98.295.143		98.295.143	50.005.810
02-02-2021	8:02:00	0.000000	0.000000	44.701.099	862.048.340	16116082	97.829.980	-267760,4	-53580,73	-98.056.053		98.056.053	49.930.027
02-02-2021	8:03:00	0.000000	0.000000	44.702.856	847.569.763	16103252	97.932.031	-268571,6	-49753,5	-98.327.019		98.327.019	50.064.842
02-02-2021	8:04:00	0.000000	0.000000	44.696.406	866.898.254	16120373	98.097.930	-268844,6	-52375,37	-98.154.694		98.154.694	50.007.710
02-02-2021	8:05:00	0.000000	0.000000	44.705.581	850.196.472	16100146	97.752.734	-267705,3	-51375,59	-98.207.863		98.207.863	50.074.352
02-02-2021	8:06:00	0.000000	0.000000	44.705.557	877.389.832	16106702	98.149.277	-268306,9	-54619,2	-97.990.219		97.990.219	49.993.732
02-02-2021	8:07:00	0.000000	0.000000	44.697.026	855.871.155	16103010	98.056.035	-268788,6	-50462,29	-98.282.951		98.282.951	49.952.744
02-02-2021	8:08:00	0.000000	0.000000	44.711.421	840.338.928	16096257	97.885.127	-267979,4	-51558,82	-98.198.990		98.198.990	49.992.935
02-02-2021	8:09:00	0.000000	0.000000	44.698.413	850.329.102	16139220	97.670.918	-267438,7	-54924,98	-97.955.528		97.955.528	49.941.113
02-02-2021	8:10:00	0.000000	0.000000	44.695.273	841.939.941	16116589	97.753.779	-268281,7	-49835,61	-98.318.092		98.318.092	49.997.120
02-02-2021	8:11:00	0.000000	0.000000	44.706.201	806.761.414	16077150	97.750.625	-267769,9	-48896,03	-98.373.344		98.373.344	49.934.818
02-02-2021	8:12:00	0.000000	0.000000	44.704.092	824.073.792	16092624	97.811.240	-268399	-47821,55	-98.449.532		98.449.532	50.054.817
02-02-2021	8:13:00	0.000000	0.000000	44.709.819	815.872.559	16039711	97.790.752	-267978,5	-44663,79	-98.639.351		98.639.351	50.039.906
02-02-2021	8:14:00	0.000000	0.000000	44.702.500	826.469.055	16055799	98.115.459	-268923,1	-46108,05	-98.561.798		98.561.798	50.045.826
02-02-2021	8:15:00	0.000000	0.000000	44.694.658	824.717.041	16088597	98.157.939	-268700,6	-51106,08	-98.238.892		98.238.892	50.020.130
02-02-2021	8:16:00	0.000000	0.000000	44.711.104	866.527.466	16075009	97.872.988	-268007,8	-49244,02	-98.353.539		98.353.539	50.072.952
02-02-2021	8:17:00	0.000000	0.000000	44.699.038	872.189.026	16086606	98.058.467	-268427,3	-50898,14	-98.249.352		98.249.352	50.030.735
02-02-2021	8:18:00	0.000000	0.000000	44.705.313	882.575.867	16075142	98.286.025	-268394,9	-53372,27	-98.079.559		98.079.559	49.931.355
02-02-2021	8:19:00	0.000000	0.000000	44.702.134	896.259.521	16091597	98.159.189	-268039,9	-54750,88	-97.976.906		97.976.906	49.921.993
02-02-2021	8:20:00	0.000000	0.000000	44.703.110	905.058.655	16108007	98.179.326	-268588,6	-53723,43	-98.057.663		98.057.663	49.984.985
02-02-2021	8:21:00	0.000000	0.000000	44.711.641	915.032.654	16107177	98.114.072	-268087,2	-55180,04	-97.946.739		97.946.739	49.922.085
02-02-2021	8:22:00	0.000000	0.000000	44.700.190	900.793.640	16111825	98.258.945	-268426	-55972,04	-97.894.402		97.894.402	49.907.459
02-02-2021	8:23:00	0.000000	0.000000	44.704.370	889.127.930	16056192	98.011.738	-268553,6	-46609,13	-98.527.107		98.527.107	50.022.495
02-02-2021	8:24:00	0.000000	0.000000	44.703.555	850.535.889	16112044	97.894.521	-267212,4	-56831,21	-97.812.271		97.812.271	49.899.719
02-02-2021	8:25:00	0.000000	0.000000	44.703.955	912.213.745	16098224	97.971.416	-267674,3	-54517,2	-97.988.304		97.988.304	49.885.406
02-02-2021	8:26:00	0.000000	0.000000	44.707.690	887.644.958	16066062	98.148.359	-268033,3	-52421,13	-98.140.656		98.140.656	49.945.259
02-02-2021	8:27:00	0.000000	0.000000	44.701.270	899.304.626	16091127	98.109.883	-268035,3	-54018,92	-98.028.992		98.028.992	49.938.046
02-02-2021	8:28:00	0.000000	0.000000	44.709.888	884.729.370	16076003	98.140.537	-267835,1	-54143,66	-98.017.273		98.017.273	49.943.501
02-02-2021	8:29:00	0.000000	0.000000	44.714.331	904.115.234	16076615	98.254.072	-2684					

POTENCIA BRUTA Neh II TG Excel

360MW



		kWh rec int	kVARh rec int	Vll avg	I avg	kW tot	kVAR tot	PF sign tot	PF lead tot	PF lag tot	Freq
PROMEDIO		40.182.377	153.368.698	16.091.366	89.429.032	241.239	-62.564	-96.790.689		96.790.689	50.030.024
DESV EST		5769,9584	346126347	19921,8199	290033	508,454601	3290,75654	322566,747		322566,747	47271,4525
%DESV EST		0,0144%	225,6825%	0,1238%	0,3243%	0,2108%	-5,2598%	-0,3333%		0,3333%	0,0945%
DATOS		61	61	61	61	61	61	61		61	61

DURACIÓN	1:00:00												
Date	Time	kWh del int	kVARh del int	kWh rec int	kVARh rec int	Vll avg	I avg	kW tot	kVAR tot	PF sign tot	PF lead tot	PF lag tot	Freq
02-02-2021	9:00:00	0.000000	0.000000	40.181.384	955.824.036	16101441	88.916.719	-240831,4	-59028,48	-97.125.130		97.125.130	50.049.549
02-02-2021	9:01:00	0.000000	0.000000	40.186.621	977.296.875	16068208	89.049.736	-241106	-57276,34	-97.292.412		97.292.412	49.972.691
02-02-2021	9:02:00	0.000000	0.000000	40.171.333	983.541.321	16075525	89.273.174	-241657,2	-58178,05	-97.222.244		97.222.244	49.969.627
02-02-2021	9:03:00	0.000000	0.000000	40.174.111	994.950.745	16118367	88.998.262	-240550,2	-62160,88	-96.819.603		96.819.603	49.958.775
02-02-2021	9:04:00	0.000000	0.000000	40.184.604	990.987.366	16103450	89.009.141	-240765,8	-60499,95	-96.984.940		96.984.940	50.012.444
02-02-2021	9:05:00	0.000000	0.000000	40.184.055	10.015.587	16098485	89.258.076	-241389,9	-60586,56	-96.991.600		96.991.600	49.987.373
02-02-2021	9:06:00	0.000000	0.000000	40.179.485	952.560.730	16090404	88.704.639	-240734,1	-56173,79	-97.383.896		97.383.896	50.157.681
02-02-2021	9:07:00	0.000000	0.000000	40.184.519	10.062.570	16065264	89.160.654	-241134,2	-58327,91	-97.196.892		97.196.892	50.046.661
02-02-2021	9:08:00	0.000000	0.000000	40.178.318	10.243.925	16060050	89.250.645	-241763,4	-56379,87	-97.386.940		97.386.940	50.118.069
02-02-2021	9:09:00	0.000000	0.000000	40.181.675	10.221.359	16112716	89.554.971	-241536,5	-64162,31	-96.648.102		96.648.102	50.032.661
02-02-2021	9:10:00	0.000000	0.000000	40.187.993	10.211.902	16063731	89.382.070	-241632,7	-58770,63	-97.167.213		97.167.213	50.078.453
02-02-2021	9:11:00	0.000000	0.000000	40.179.299	10.442.355	16126111	89.352.109	-241201	-64057,97	-96.649.612		96.649.612	50.020.664
02-02-2021	9:12:00	0.000000	0.000000	40.187.617	10.315.540	16044698	89.575.645	-242240,9	-57307,79	-97.313.889		97.313.889	50.060.902
02-02-2021	9:13:00	0.000000	0.000000	40.181.499	10.397.716	16085289	89.333.369	-241153,8	-61538,86	-96.894.882		96.894.882	50.054.852
02-02-2021	9:14:00	0.000000	0.000000	40.166.343	994.473.389	16129533	88.977.695	-239956,9	-64852,92	-96.536.369		96.536.369	50.048.927
02-02-2021	9:15:00	0.000000	0.000000	40.187.380	10.471.392	16098347	89.451.660	-241489,7	-62351,2	-96.824.699		96.824.699	50.042.412
02-02-2021	9:16:00	0.000000	0.000000	40.177.388	10.400.863	16064293	89.017.998	-240285,4	-60035,48	-97.017.654		97.017.654	50.056.335
02-02-2021	9:17:00	0.000000	0.000000	40.179.167	10.543.575	16086613	89.560.723	-241722,6	-61953,29	-96.868.980		96.868.980	50.068.508
02-02-2021	9:18:00	0.000000	0.000000	40.178.059	10.435.806	16094122	89.566.143	-242222,8	-60501,98	-97.019.310		97.019.310	50.050.377
02-02-2021	9:19:00	0.000000	0.000000	40.182.832	10.341.797	16106985	89.211.494	-240636,4	-63508,3	-96.689.339		96.689.339	49.998.783
02-02-2021	9:20:00	0.000000	0.000000	40.183.455	10.024.504	16086229	88.972.354	-241050,8	-57809,52	-97.242.638		97.242.638	50.127.720
02-02-2021	9:21:00	0.000000	0.000000	40.175.762	10.152.158	16128137	89.404.561	-241041,1	-65335,87	-96.517.189		96.517.189	49.962.109
02-02-2021	9:22:00	0.000000	0.000000	40.188.157	10.463.165	16085036	89.605.547	-241315,8	-63895,57	-96.668.755		96.668.755	49.938.904
02-02-2021	9:23:00	0.000000	0.000000	40.188.276	10.614.170	16076913	89.610.352	-241626	-62251,36	-96.837.784		96.837.784	50.063.927
02-02-2021	9:24:00	0.000000	0.000000	40.190.183	10.676.753	16085105	89.516.719	-241867,9	-60732,36	-96.989.159		96.989.159	49.991.554
02-02-2021	9:25:00	0.000000	0.000000	40.173.989	987.070.190	16090098	89.302.334	-241673,3	-59414,76	-97.108.391		97.108.391	49.964.863
02-02-2021	9:26:00	0.000000	0.000000	40.178.616	968.772.705	16094183	89.288.330	-241660,5	-59576,74	-97.092.987		97.092.987	50.002.991
02-02-2021	9:27:00	0.000000	0.000000	40.178.613	10.129.971	16071324	89.613.330	-242228,9	-59562,44	-97.107.361		97.107.361	50.013.779
02-02-2021	9:28:00	0.000000	0.000000	40.183.208	10.444.103	16119813	89.500.820	-241327,3	-64839,41	-96.574.959		96.574.959	49.958.630
02-02-2021	9:29:00	0.000000	0.000000	40.181.870	10.313.192	16084440	89.372.637	-241010,1	-62481,21	-96.799.973		96.799.973	49.987.404
02-02-2021	9:30:00	0.000000	0.000000	40.179.907	10.344.166	16076750	89.280.918	-241434,8	-59279,71	-97.115.509		97.115.509	50.080.475
02-02-2021	9:31:00	0.000000	0.000000	40.187.471	10.341.100	16114434	89.480.898	-241189	-64814,25	-96.573.753		96.573.753	50.079.983
02-02-2021	9:32:00	0.000000	0.000000	40.181.821	10.461.066	16106193	89.346.768	-240550,6	-65245,3	-96.512.894		96.512.894	50.019.302
02-02-2021	9:33:00	0.000000	0.000000	40.179.939	10.552.166	16087529	89.191.211	-240452,6	-62798,51	-96.754.669		96.754.669	50.054.756
02-02-2021	9:34:00	0.000000	0.000000	40.181.050	10.663.252	16062187	89.171.592	-241524,4	-56599,64	-97.362.312		97.362.312	50.148.281
02-02-2021	9:35:00	0.000000	0.000000	40.170.422	10.206.147	16121452	89.245.410	-240507,8	-65232,04	-96.513.062		96.513.062	50.044.250
02-02-2021	9:36:00	0.000000	0.000000	40.182.090	10.348.379	16097401	89.110.488	-240471,8	-62432,75	-96.791.061		96.791.061	50.028.286
02-02-2021	9:37:00	0.000000	0.000000	40.197.085	10.380.773	16062599	89.506.670	-241645,7	-60113,27	-97.042.358		97.042.358	50.062.782
02-02-2021	9:38:00	0.000000	0.000000	40.170.571	10.423.757	16071769	89.353.301	-241272,7	-60429,53	-97.003.708		97.003.708	50.036.091
02-02-2021	9:39:00	0.000000	0.000000	40.182.822	10.483.901	16082455	89.143.389	-240703,4	-60988,54	-96.936.752		96.936.752	50.069.523
02-02-2021	9:40:00	0.000000	0.000000	40.180.979	10.700.161	16102531	89.633.115	-241005,5	-66407,42	-96.407.143		96.407.143	50.027.775
02-02-2021	9:41:00	0.000000	0.000000	40.189.648	10.977.698	16085699	89.609.512	-241202	-64415,79	-96.613.991		96.613.991	50.079.384
02-02-2021	9:42:00	0.000000	0.000000	40.184.592	10.983.047	16093322	89.840.020	-241449,2	-66402,12	-96.420.174		96.420.174	49.982.357
02-02-2021	9:43:00	0.000000	0.000000	40.190.786	11.022.844	16074728	89.636.973	-241533,1	-62809,11	-96.781.227		96.781.227	50.054.169
02-02-2021	9:44:00	0.000000	0.000000	40.181.853	11.020.924	16096416	89.793.574	-241453,9	-66085,2	-96.452.599		96.452.599	50.003.212
02-02-2021	9:45:00	0.000000	0.000000	40.188.911	11.044.221	16079613	89.746.084	-241067,2	-66018,72	-96.448.593		96.448.593	49.994.984
02-02-2021	9:46:00	0.000000	0.000000	40.179.607	11.255.177	16106262	89.990.176	-241555,1	-68348,96	-96.222.244		96.222.244	50.002.522
02-02-2021	9:47:00	0.000000	0.000000	40.187.378	11.092.515	16053859	89.948.926	-241804,6	-63901,85	-96.680.923		96.680.923	49.999.203
02-02-2021	9:48:00	0.000000	0.000000	40.187.039	10.837.419	16104309	89.703.438	-241358,9	-65953,36	-96.463.364		96.463.364	50.046.143
02-02-2021	9:49:00	0.000000	0.000000	40.186.472	10.732.031	16068969	89.616.152	-241337,9	-62967,66	-96.760.750		96.760.750	50.065.628
02-02-2021	9:50:00	0.000000	0.000000	40.170.542	10.849.298	16111679	89.589.150	-241172,1	-65868,74	-96.466.782		96.466.782	50.032.597
02-02-2021	9:51:00	0.000000	0.000000	40.185.767	11.040.273	16087832	89.404.600	-240219,5	-65984,73	-96.428.299		96.428.299	49.994.232
02-02-2021	9:52:00	0.000000	0.000000	40.187.334	11.320.264	16104865	89.661.807	-240810,7	-67524,18	-96.286.308		96.286.308	50.045.197
02-02-2021	9:53:00	0.000000	0.000000	40.189.685	11.243.477	16098285	90.091.084	-241688,7	-68432,73	-96.217.445		96.217.445	49.971.245
02-02-2021	9:54:00	0.000000	0.000000	40.183.025	11.010.635	16107359	89.940.986	-241844,6	-66854,54	-96.385.071		96.385.071	50.060.902
02-02-2021	9:55:00	0.000000	0.000000	40.184.258	11.048.348	16104013	89.772.813	-241559	-65936,98	-96.470.573		96.470.573	50.033.886
02-02-2021	9:56:00	0.000000	0.000000	40.189.534	10.700.088	16070365	89.338.154	-241369,5	-59779,51	-97.067.276		97.067.276	50.056.061
02-02-2021	9:57:00	0.000000	0.000000	40.180.881	10.400.571	16087792	89.334.873	-240611,4	-63787,51	-96.660.950		96.660.950	49.993.320
02-02-2021	9:58:00	0.000000	0.000000	40.183.030	10.709.507	16096669	89.712.627	-241948	-63410,66	-96.732.971		96.732.971	50.025.879
02-02-2021	9:59:00	0.000000</											

POTENCIA BRUTA Neh II TG Excel

325MW



		kWh rec int	kVARh rec int	Vll avg	I avg	kW tot	kVAR tot	PF sign tot	PF lead tot	PF lag tot	Freq
PROMEDIO		35.219.853	11.314.879	16.092.680	79.684.225	211.499	-67.723	-95.228.609		95.228.609	50.015.222
DESV EST		98839,242	328657,4718	23114,7885	466395,209	1238,63015	3103,96038	424363,632		424363,632	37658,8775
%DESV EST		0,2806%	2,9046%	0,1436%	0,5853%	0,5856%	-4,5833%	-0,4456%		0,4456%	0,0753%
DATOS		61	61	61	61	61	61	61		61	61

DURACIÓN	1:00:00												
Date	Time	kWh del int	kVARh del int	kWh rec int	kVARh rec int	Vll avg	I avg	kW tot	kVAR tot	PF sign tot	PF lead tot	PF lag tot	Freq
02-02-2021	10:30:00	0.000000	0.000000	35.300.049	10.732.478	16083281	80.372.485	-214700,8	-63488,53	-95.895.187		95.895.187	50.041.878
02-02-2021	10:31:00	0.000000	0.000000	35.196.387	10.900.969	16088482	79.132.339	-210763	-64811,12	-95.582.878		95.582.878	49.993.160
02-02-2021	10:32:00	0.000000	0.000000	35.149.846	10.571.705	16121370	78.881.333	-210254,4	-65613,24	-95.459.785		95.459.785	50.046.665
02-02-2021	10:33:00	0.000000	0.000000	35.157.332	10.642.122	16057242	79.002.729	-210875,6	-61699,46	-95.976.227		95.976.227	49.993.736
02-02-2021	10:34:00	0.000000	0.000000	35.160.061	10.787.328	16073371	79.370.254	-211117	-65198,03	-95.547.455		95.547.455	50.036.598
02-02-2021	10:35:00	0.000000	0.000000	35.147.734	10.986.211	16094873	79.460.664	-211640,4	-65342,88	-95.549.591		95.549.591	50.010.723
02-02-2021	10:36:00	0.000000	0.000000	35.347.380	10.960.566	16097127	79.501.665	-211333,7	-66845,86	-95.344.147		95.344.147	50.044.933
02-02-2021	10:37:00	0.000000	0.000000	35.143.267	10.975.288	16160722	79.323.115	-209932,1	-72276,06	-94.553.154		94.553.154	50.012.444
02-02-2021	10:38:00	0.000000	0.000000	35.157.830	11.024.723	16095836	79.372.275	-211137,9	-66201,65	-95.419.510		95.419.510	50.030.216
02-02-2021	10:39:00	0.000000	0.000000	35.146.936	11.056.522	16114050	79.028.979	-210471,2	-65970,14	-95.422.417		95.422.417	50.043.800
02-02-2021	10:40:00	0.000000	0.000000	35.230.901	10.959.254	16070231	79.362.524	-211574,5	-63491,97	-95.780.182		95.780.182	50.000.431
02-02-2021	10:41:00	0.000000	0.000000	35.151.533	11.182.512	16108876	79.523.784	-211246,2	-67853,06	-95.209.091		95.209.091	50.060.070
02-02-2021	10:42:00	0.000000	0.000000	35.154.165	10.897.156	16083186	79.028.496	-211050	-62613,19	-95.869.926		95.869.926	50.057.728
02-02-2021	10:43:00	0.000000	0.000000	35.153.997	11.084.558	16104872	79.359.448	-210678,4	-67936,67	-95.174.042		95.174.042	49.988.785
02-02-2021	10:44:00	0.000000	0.000000	35.148.950	11.270.365	16125661	79.663.086	-211020,8	-70519,81	-94.844.093		94.844.093	49.959.835
02-02-2021	10:45:00	0.000000	0.000000	35.161.047	11.464.991	16082074	79.682.637	-211608,2	-66936,19	-95.343.697		95.343.697	50.050.961
02-02-2021	10:46:00	0.000000	0.000000	35.151.853	11.413.448	16100164	79.793.101	-211068,4	-70406,98	-94.861.465		94.861.465	49.974.903
02-02-2021	10:47:00	0.000000	0.000000	35.159.124	11.586.898	16083732	79.971.284	-211289,5	-70615,01	-94.843.361		94.843.361	50.004.749
02-02-2021	10:48:00	0.000000	0.000000	35.144.546	11.782.389	16120704	79.845.728	-210634,7	-73034,6	-94.481.598		94.481.598	50.016.285
02-02-2021	10:49:00	0.000000	0.000000	35.377.488	11.224.130	16112483	79.556.162	-210503	-70564,88	-94.814.514		94.814.514	50.032.017
02-02-2021	10:50:00	0.000000	0.000000	35.158.164	11.595.980	16070245	79.718.501	-211004,3	-68615,45	-95.098.236		95.098.236	50.014.008
02-02-2021	10:51:00	0.000000	0.000000	35.150.208	11.785.743	16138813	79.815.732	-210570,9	-73712,7	-94.384.033		94.384.033	50.057.381
02-02-2021	10:52:00	0.000000	0.000000	35.165.039	11.752.769	16066457	79.777.241	-210974,5	-69090,7	-95.033.783		95.033.783	50.001.545
02-02-2021	10:53:00	0.000000	0.000000	35.537.170	11.813.782	16096005	80.913.647	-214092,7	-71062,34	-94.908.401		94.908.401	50.035.999
02-02-2021	10:54:00	0.000000	0.000000	35.374.907	11.861.945	16090830	79.946.963	-211150,3	-71125,07	-94.767.998		94.767.998	50.005.730
02-02-2021	10:55:00	0.000000	0.000000	35.152.639	11.699.730	16107891	79.625.928	-210183,2	-71924,66	-94.613.655		94.613.655	49.990.036
02-02-2021	10:56:00	0.000000	0.000000	35.220.056	11.627.737	16087669	80.592.539	-214028,2	-67972,5	-95.308.952		95.308.952	50.016.068
02-02-2021	10:57:00	0.000000	0.000000	35.440.093	11.597.388	16057233	80.738.179	-214559,2	-66199,63	-95.555.161		95.555.161	49.997.616
02-02-2021	10:58:00	0.000000	0.000000	35.215.584	11.750.807	16126635	79.799.092	-210675,1	-72767,36	-94.520.584		94.520.584	49.999.271
02-02-2021	10:59:00	0.000000	0.000000	35.334.536	11.599.136	16099296	79.980.977	-211546,1	-70593,86	-94.857.765		94.857.765	50.006.882
02-02-2021	11:00:00	0.000000	0.000000	35.200.024	11.453.324	16065525	80.252.339	-214024,9	-63710,43	-95.843.674		95.843.674	50.078.953
02-02-2021	11:01:00	0.000000	0.000000	35.171.970	11.196.051	16107106	79.767.451	-211504,8	-69170,9	-95.046.196		95.046.196	49.937.931
02-02-2021	11:02:00	0.000000	0.000000	35.158.069	11.208.031	16091958	79.488.584	-211402,8	-66261,65	-95.422.485		95.422.485	50.046.951
02-02-2021	11:03:00	0.000000	0.000000	35.154.067	11.065.980	16073674	79.356.001	-211463,9	-63958,74	-95.717.659		95.717.659	50.041.203
02-02-2021	11:04:00	0.000000	0.000000	35.138.152	11.081.106	16111208	79.423.213	-210914,4	-68078,37	-95.165.398		95.165.398	49.956.165
02-02-2021	11:05:00	0.000000	0.000000	35.162.214	10.933.031	16097025	79.434.463	-211038,8	-67152,49	-95.292.084		95.292.084	50.001.884
02-02-2021	11:06:00	0.000000	0.000000	35.156.067	11.035.790	16063797	79.104.253	-210975,3	-62670,13	-95.860.123		95.860.123	50.034.584
02-02-2021	11:07:00	0.000000	0.000000	35.150.491	11.053.374	16095693	79.185.688	-210486,3	-66535,11	-95.349.709		95.349.709	50.048.626
02-02-2021	11:08:00	0.000000	0.000000	35.446.411	11.010.616	16087539	79.244.429	-210924	-65310,26	-95.525.482		95.525.482	50.041.012
02-02-2021	11:09:00	0.000000	0.000000	35.152.898	11.061.534	16098802	79.357.192	-210896,6	-66972,77	-95.309.631		95.309.631	50.016.453
02-02-2021	11:10:00	0.000000	0.000000	35.190.012	11.283.793	16112105	80.526.255	-213256,6	-70838,34	-94.901.283		94.901.283	49.952.160
02-02-2021	11:11:00	0.000000	0.000000	35.294.832	11.424.692	16147653	79.861.670	-210563,9	-74487,06	-94.275.063		94.275.063	49.903.740
02-02-2021	11:12:00	0.000000	0.000000	35.272.639	11.415.472	16084462	80.387.573	-213802,8	-66610,16	-95.473.793		95.473.793	50.053.238
02-02-2021	11:13:00	0.000000	0.000000	35.284.404	11.498.406	16058399	80.258.052	-213310,4	-65778,81	-95.559.647		95.559.647	50.046.738
02-02-2021	11:14:00	0.000000	0.000000	35.174.307	11.541.318	16076637	79.735.352	-211186,9	-68496,96	-95.121.765		95.121.765	49.999.538
02-02-2021	11:15:00	0.000000	0.000000	35.210.154	11.451.953	16078486	80.274.536	-213120,5	-67481	-95.335.144		95.335.144	50.023.689
02-02-2021	11:16:00	0.000000	0.000000	35.176.636	11.444.644	16090013	79.280.454	-210309,3	-67704,29	-95.189.018		95.189.018	49.995.152
02-02-2021	11:17:00	0.000000	0.000000	35.197.312	11.467.239	16090552	79.897.407	-211767,7	-68797,88	-95.106.918		95.106.918	49.963.425
02-02-2021	11:18:00	0.000000	0.000000	35.334.395	11.386.194	16056442	79.197.085	-211399,4	-61778,24	-95.985.329		95.985.329	50.100.475
02-02-2021	11:19:00	0.000000	0.000000	35.145.615	11.016.924	16077591	79.399.526	-211061,6	-65838,84	-95.463.165		95.463.165	50.035.427
02-02-2021	11:20:00	0.000000	0.000000	35.149.509	11.452.321	16122763	79.592.510	-210358,3	-71754,1	-94.645.378		94.645.378	49.987.751
02-02-2021	11:21:00	0.000000	0.000000	35.359.465	11.566.931	16073907	79.561.655	-211144,2	-66930,05	-95.325.417		95.325.417	50.034.058
02-02-2021	11:22:00	0.000000	0.000000	35.148.472	11.630.898	16108341	79.789.556	-211242,6	-70232,64	-94.892.769		94.892.769	49.974.754
02-02-2021	11:23:00	0.000000	0.000000	35.507.100	11.662.697	16062443	79.772.876	-211679	-66658,8	-95.382.462		95.382.462	50.027.908
02-02-2021	11:24:00	0.000000	0.000000	35.148.286	11.701.060	16070549	79.728.013	-211365,4	-67592,02	-95.248.283		95.248.283	50.016.827
02-02-2021	11:25:00	0.000000	0.000000	35.222.358	11.619.860	16063809	80.698.110	-214242	-67133,91	-95.424.728		95.424.728	50.058.254
02-02-2021	11:26:00	0.000000	0.000000	35.314.448	11.678.770	16105498	79.707.227	-210625,3	-71218,16	-94.731.209		94.731.209	49.973.331
02-02-2021	11:27:00	0.000000	0.000000	35.188.923	11.689.590	16072878	80.332.852	-214104,9	-64581,19	-95.739.479		95.739.479	50.086.658
02-02-2021	11:28:00	0.000000	0.000000	35.332.322	10.922.791	16073239	79.176.299	-211137,4	-63264	-95.792.267		95.792.267	50.

POTENCIA BRUTA Neh II TG Excel

290MW



		kWh rec int	kVARh rec int	Vll avg	I avg	kW tot	kVAR tot	PF sign tot	PF lead tot	PF lag tot	Freq		
PROMEDIO		30.635.235	11.643.705	16.098.090	70.604.545	183.782	-70.471	-93.361.935		93.361.935	49.979.582		
DESV EST		30578,5371	485436,1336	14486,6148	486690,561	844,961657	3395,85152	581531,832		581531,832	49973,303		
%DESV EST		0,0998%	4,1691%	0,0900%	0,6893%	0,4598%	-4,8188%	-0,6229%		0,6229%	0,1000%		
DATOS		61	61	61	61	61	61	61		61	61		
DURACIÓN		1:00:00											
Date	Time	kWh del int	kVARh del int	kWh rec int	kVARh rec int	Vll avg	I avg	kW tot	kVAR tot	PF sign tot	PF lead tot	PF lag tot	Freq
02-02-2021	12:00:00	0.000000	0.000000	30.640.203	10.910.833	16073842	69.839.375	-183935,7	-62988,99	-94.606.369		94.606.369	50.055.584
02-02-2021	12:01:00	0.000000	0.000000	30.539.844	11.006.007	16113468	70.089.561	-183441,9	-67900,85	-93.781.631		93.781.631	50.047.665
02-02-2021	12:02:00	0.000000	0.000000	30.594.470	10.920.806	16105786	70.031.655	-182390,2	-69964,22	-93.366.402		93.366.402	49.932.602
02-02-2021	12:03:00	0.000000	0.000000	30.610.396	11.032.896	16078940	70.223.301	-184467,8	-64924,37	-94.328.194		94.328.194	50.005.936
02-02-2021	12:04:00	0.000000	0.000000	30.673.625	10.990.363	16088149	69.966.582	-183910,8	-64687,51	-94.334.747		94.334.747	50.063.702
02-02-2021	12:05:00	0.000000	0.000000	30.658.049	10.830.548	16103304	70.143.242	-184442,3	-65220,95	-94.279.182		94.279.182	50.069.942
02-02-2021	12:06:00	0.000000	0.000000	30.560.371	10.568.510	16101561	70.111.157	-183135,8	-68485,47	-93.664.902		93.664.902	49.979.275
02-02-2021	12:07:00	0.000000	0.000000	30.650.537	11.078.088	16089116	69.978.057	-183837,5	-65020,84	-94.276.932		94.276.932	50.036.854
02-02-2021	12:08:00	0.000000	0.000000	30.668.296	11.060.576	16110177	70.107.866	-183657,5	-67344,29	-93.887.100		93.887.100	50.046.516
02-02-2021	12:09:00	0.000000	0.000000	30.619.338	10.963.925	16093064	70.046.177	-183749,8	-65976,55	-94.117.004		94.117.004	49.971.352
02-02-2021	12:10:00	0.000000	0.000000	30.641.191	11.021.390	16086375	69.861.118	-183135,7	-65920,55	-94.090.103		94.090.103	50.032.005
02-02-2021	12:11:00	0.000000	0.000000	30.610.249	11.069.917	16086470	69.745.474	-182861,2	-65728,16	-94.105.438		94.105.438	50.000.217
02-02-2021	12:12:00	0.000000	0.000000	30.636.021	10.935.164	16092501	69.938.862	-183382,8	-68406,42	-94.306.664		94.306.664	50.027.225
02-02-2021	12:13:00	0.000000	0.000000	30.651.851	11.018.895	16097475	70.010.034	-183838,2	-65605,2	-94.182.510		94.182.510	50.062.706
02-02-2021	12:14:00	0.000000	0.000000	30.639.321	10.767.959	16108618	69.800.322	-183427,9	-65413,75	-94.189.827		94.189.827	50.047.436
02-02-2021	12:15:00	0.000000	0.000000	30.639.785	10.766.885	16085897	70.105.527	-184018,1	-65471,57	-94.214.531		94.214.531	50.026.512
02-02-2021	12:16:00	0.000000	0.000000	30.599.392	11.259.323	16097729	70.219.409	-183714,1	-67650,45	-93.839.882		93.839.882	50.009.674
02-02-2021	12:17:00	0.000000	0.000000	30.646.335	11.399.401	16087777	70.916.597	-185382,8	-68406,42	-93.816.566		93.816.566	50.019.417
02-02-2021	12:18:00	0.000000	0.000000	30.674.187	11.717.804	16084304	70.868.818	-184620,7	-69938,81	-93.514.816		93.514.816	49.953.987
02-02-2021	12:19:00	0.000000	0.000000	30.640.923	11.833.715	16099176	71.310.313	-185706,5	-71056,95	-93.396.538		93.396.538	49.927.814
02-02-2021	12:20:00	0.000000	0.000000	30.642.026	11.806.420	16103474	70.605.947	-183098,6	-72478,31	-92.980.354		92.980.354	49.919.353
02-02-2021	12:21:00	0.000000	0.000000	30.621.963	11.576.545	16109840	70.318.857	-183452,1	-69581,74	-93.500.351		93.500.351	49.939.671
02-02-2021	12:22:00	0.000000	0.000000	30.638.735	11.594.506	16117169	71.028.535	-184397,2	-72861,53	-93.002.914		93.002.914	49.921.574
02-02-2021	12:23:00	0.000000	0.000000	30.679.617	11.908.401	16119479	70.163.115	-181962,1	-72520,52	-92.894.127		92.894.127	49.942.471
02-02-2021	12:24:00	0.000000	0.000000	30.661.714	11.898.552	16098341	70.612.036	-182940,2	-72778,23	-92.917.191		92.917.191	49.894.180
02-02-2021	12:25:00	0.000000	0.000000	30.596.548	11.929.493	16089762	70.445.239	-182783,8	-71616,66	-93.108.269		93.108.269	49.925.461
02-02-2021	12:26:00	0.000000	0.000000	30.628.706	11.980.997	16083232	70.778.320	-183977,2	-70880,59	-93.314.133		93.314.133	49.942.455
02-02-2021	12:27:00	0.000000	0.000000	30.654.319	12.005.414	16088201	71.055.498	-184062,8	-72938,16	-92.966.835		92.966.835	49.915.672
02-02-2021	12:28:00	0.000000	0.000000	30.610.383	12.131.802	16092795	70.844.844	-183266,6	-73524,87	-92.809.464		92.809.464	49.937.508
02-02-2021	12:29:00	0.000000	0.000000	30.648.469	12.193.418	16089646	70.981.035	-184369,3	-71658,7	-93.207.375		93.207.375	49.949.173
02-02-2021	12:30:00	0.000000	0.000000	30.622.459	12.149.471	16114259	70.993.960	-183210,7	-75465,41	-92.463.242		92.463.242	49.897.591
02-02-2021	12:31:00	0.000000	0.000000	30.657.224	12.192.341	16105362	71.286.919	-184556,9	-74003,78	-92.816.238		92.816.238	49.879.555
02-02-2021	12:32:00	0.000000	0.000000	30.690.593	11.738.569	16107941	71.205.703	-185255,9	-71721,81	-93.255.142		93.255.142	49.969.387
02-02-2021	12:33:00	0.000000	0.000000	30.647.766	11.880.726	16106485	70.807.827	-183919,4	-72038,76	-93.112.198		93.112.198	49.942.345
02-02-2021	12:34:00	0.000000	0.000000	30.675.508	11.780.985	16068611	70.985.845	-184884,3	-69625,8	-93.583.870		93.583.870	49.896.942
02-02-2021	12:35:00	0.000000	0.000000	30.679.714	11.658.146	16094693	70.041.592	-182119,1	-70379,66	-93.277.153		93.277.153	49.932.571
02-02-2021	12:36:00	0.000000	0.000000	30.600.049	11.659.506	16084695	70.883.242	-185127,7	-68707,34	-93.751.472		93.751.472	49.967.945
02-02-2021	12:37:00	0.000000	0.000000	30.670.955	11.503.678	16083242	70.293.740	-182812,2	-70165,52	-93.359.657		93.359.657	49.970.654
02-02-2021	12:38:00	0.000000	0.000000	30.597.893	11.653.521	16108579	70.138.706	-182595,3	-70367,83	-93.310.760		93.310.760	49.959.148
02-02-2021	12:39:00	0.000000	0.000000	30.645.684	11.632.174	16104000	70.319.248	-183470,4	-69329,44	-93.544.113		93.544.113	49.957.188
02-02-2021	12:40:00	0.000000	0.000000	30.609.312	11.455.521	16120178	70.534.585	-183033,6	-72671,38	-92.942.284		92.942.284	49.914.181
02-02-2021	12:41:00	0.000000	0.000000	30.660.076	11.566.001	16109973	70.757.568	-184108,8	-71285,58	-93.253.799		93.253.799	49.959.911
02-02-2021	12:42:00	0.000000	0.000000	30.646.111	11.578.568	16086744	70.799.229	-184752,8	-69121,74	-93.659.653		93.659.653	49.979.324
02-02-2021	12:43:00	0.000000	0.000000	30.574.624	12.048.296	16122209	71.056.021	-183596,3	-75231,44	-92.532.799		92.532.799	49.936.005
02-02-2021	12:44:00	0.000000	0.000000	30.647.754	12.074.681	16117229	71.246.118	-184719,1	-73708,37	-92.878.723		92.878.723	49.997.372
02-02-2021	12:45:00	0.000000	0.000000	30.623.237	12.102.543	16124213	71.080.483	-183054,1	-76766,44	-92.219.109		92.219.109	49.968.174
02-02-2021	12:46:00	0.000000	0.000000	30.606.992	12.112.449	16096158	71.126.387	-183983,6	-73945,34	-92.786.346		92.786.346	49.955.788
02-02-2021	12:47:00	0.000000	0.000000	30.658.589	12.086.324	16102931	71.225.669	-183398,6	-76319,9	-92.324.875		92.324.875	50.001.873
02-02-2021	12:48:00	0.000000	0.000000	30.627.239	12.300.389	16114010	70.710.376	-183270,1	-73203,09	-92.865.990		92.865.990	50.051.861
02-02-2021	12:49:00	0.000000	0.000000	30.618.628	12.174.192	16058721	71.371.665	-185477,7	-70726,3	-93.437.355		93.437.355	49.999.702
02-02-2021	12:50:00	0.000000	0.000000	30.640.881	12.143.461	16101895	70.960.361	-183381,3	-74395,66	-92.664.795		92.664.795	49.998.154
02-02-2021	12:51:00	0.000000	0.000000	30.630.596	12.000.616	16108382	70.123.525	-181935,3	-71934,73	-92.994.881		92.994.881	50.034.088
02-02-2021	12:52:00	0.000000	0.000000	30.629.246	11.881.794	16089568	70.852.925	-183272,1	-73453,62	-92.822.365		92.822.365	49.930.595
02-02-2021	12:53:00	0.000000	0.000000	30.627.461	12.202.041	16081371	70.890.674	-183696,4	-72403,93	-93.034.157		93.034.157	49.984.646
02-02-2021	12:54:00	0.000000	0.000000	30.633.513	12.208.207	16096588	70.988.008	-184068,9	-72701,1	-93.008.217		93.008.217	50.014.324
02-02-2021	12:55:00	0.000000	0.000000	30.654.880	12.113.624	16092961	70.905.229	-184314,2	-71327,88	-93.260.139		93.260.139	50.035.393
02-02-2021	12:56:00	0.000000	0.000000	30.671.709	12.100.537	16078989	70.916.377	-184076,9	-71536,46	-93.208.847		93.208.847	49.969.799
02-02-2021	12:57:00	0.000000	0.000000	30.689.067	11.978.420	16113136	71.635.425	-185064,8	-75620,45	-92.570.091		92.570.091	50.006.680
02-02-2021	12:58:00	0.000000	0.000000	30.636.055	12.195.991	16132914	71.008.833	-183400,3	-75707,77	-92.434.059		92.434.059	49.975.830
02-02-2021	12:59:00	0.000000	0.										

POTENCIA BRUTA Neh II TG Excel 255MW



		kWh rec int	kVARh rec int	Vll avg	I avg	kW tot	kVAR tot	PF sign tot	PF lead tot	PF lag tot	Freq
PROMEDIO		26.428.748	10.911.542	16.093.257	61.585.233	158.713	-65.350	-92.462.192		92.462.192	50.009.580
DESV EST		51946,7459	297939,1537	15192,5534	296908,358	497,056944	2444,81027	516006,287		516006,287	49376,3589
%DESV EST		0,1966%	2,7305%	0,0944%	0,4821%	0,3132%	-3,7411%	-0,5581%		0,5581%	0,0987%
DATOS		31	31	31	31	31	31	31		31	31

DURACIÓN	0:30:00												
Date	Time	kWh del int	kVARh del int	kWh rec int	kVARh rec int	Vll avg	I avg	kW tot	kVAR tot	PF sign tot	PF lead tot	PF lag tot	Freq
02-02-2021	15:30:00	0.000000	0.000000	26.276.028	11.217.968	16104475	61.626.558	-157863,5	-68012,82	-91.839.127		91.839.127	50.005.283
02-02-2021	15:31:00	0.000000	0.000000	26.271.111	11.220.072	16085041	61.345.508	-157159,6	-67147,48	-91.958.229		91.958.229	49.964.550
02-02-2021	15:32:00	0.000000	0.000000	26.292.791	10.769.213	16082781	61.360.469	-158693	-63486,83	-92.845.726		92.845.726	50.039.894
02-02-2021	15:33:00	0.000000	0.000000	26.383.113	11.083.976	16093275	61.790.845	-158586,9	-67176,54	-92.079.613		92.079.613	49.988.300
02-02-2021	15:34:00	0.000000	0.000000	26.436.108	11.256.036	16089259	62.061.094	-158775,4	-68514,91	-91.816.162		91.816.162	50.000.603
02-02-2021	15:35:00	0.000000	0.000000	26.419.456	11.268.035	16104583	61.916.753	-158536,7	-68483,32	-91.801.117		91.801.117	49.968.590
02-02-2021	15:36:00	0.000000	0.000000	26.452.371	11.310.330	16057176	62.024.648	-159698,6	-65182,89	-92.584.808		92.584.808	49.971.153
02-02-2021	15:37:00	0.000000	0.000000	26.442.847	11.438.567	16102338	61.770.308	-158076,6	-68473,51	-91.761.139		91.761.139	49.930.237
02-02-2021	15:38:00	0.000000	0.000000	26.453.025	11.105.981	16083514	61.944.478	-159147,1	-66691,01	-92.229.370		92.229.370	49.952.202
02-02-2021	15:39:00	0.000000	0.000000	26.421.621	11.305.770	16115347	61.941.777	-158405,7	-69269,2	-91.622.795		91.622.795	49.933.208
02-02-2021	15:40:00	0.000000	0.000000	26.452.310	11.257.908	16084690	61.528.384	-158435,7	-65413,8	-92.431.709		92.431.709	49.930.779
02-02-2021	15:41:00	0.000000	0.000000	26.453.547	11.209.841	16105316	62.252.124	-159626,9	-68351,11	-91.927.101		91.927.101	49.941.570
02-02-2021	15:42:00	0.000000	0.000000	26.454.438	11.192.893	16082263	61.665.835	-158668,2	-65775,78	-92.376.991		92.376.991	49.954.720
02-02-2021	15:43:00	0.000000	0.000000	26.418.989	10.799.944	16085969	61.618.818	-159174,9	-64302,95	-92.719.978		92.719.978	49.957.676
02-02-2021	15:44:00	0.000000	0.000000	26.452.183	10.785.192	16103170	61.537.930	-159155,2	-64240,09	-92.731.087		92.731.087	50.001.503
02-02-2021	15:45:00	0.000000	0.000000	26.450.876	10.746.093	16086198	61.263.223	-158189,7	-64105,48	-92.679.131		92.679.131	50.022.541
02-02-2021	15:46:00	0.000000	0.000000	26.449.734	10.795.490	16092589	61.540.415	-158708,7	-65060,07	-92.527.344		92.527.344	50.056.038
02-02-2021	15:47:00	0.000000	0.000000	26.451.990	10.870.728	16121226	61.626.304	-158322,6	-67397,05	-92.010.078		92.010.078	50.043.972
02-02-2021	15:48:00	0.000000	0.000000	26.444.888	10.731.382	16105205	61.622.183	-158770,3	-65860,58	-92.368.248		92.368.248	50.064.690
02-02-2021	15:49:00	0.000000	0.000000	26.464.397	10.809.268	16071397	61.253.770	-158787,8	-62099,21	-93.131.264		93.131.264	50.087.280
02-02-2021	15:50:00	0.000000	0.000000	26.445.359	10.817.372	16076190	61.506.289	-159119,7	-63313,07	-92.914.932		92.914.932	50.006.565
02-02-2021	15:51:00	0.000000	0.000000	26.440.310	10.790.513	16115439	61.737.515	-158714,7	-67109,34	-92.104.889		92.104.889	50.056.248
02-02-2021	15:52:00	0.000000	0.000000	26.454.170	10.846.412	16105025	61.597.520	-158591,9	-66098,62	-92.303.833		92.303.833	50.060.818
02-02-2021	15:53:00	0.000000	0.000000	26.451.873	10.843.561	16116579	61.781.255	-158985,3	-66810,75	-92.190.559		92.190.559	50.011.501
02-02-2021	15:54:00	0.000000	0.000000	26.452.148	10.703.744	16107123	61.566.558	-158336,2	-66548,78	-92.188.316		92.188.316	50.045.422
02-02-2021	15:55:00	0.000000	0.000000	26.451.685	10.743.494	16065796	61.429.658	-159192,9	-62241,08	-93.134.560		93.134.560	50.001.911
02-02-2021	15:56:00	0.000000	0.000000	26.450.527	10.646.760	16084726	61.144.575	-158810,3	-61603,02	-93.231.476		93.231.476	50.049.454
02-02-2021	15:57:00	0.000000	0.000000	26.447.266	10.506.803	16092863	61.304.399	-159064,6	-62406,95	-93.091.621		93.091.621	50.022.873
02-02-2021	15:58:00	0.000000	0.000000	26.449.148	10.397.880	16087248	61.096.011	-158819,3	-61273,37	-93.297.310		93.297.310	50.085.304
02-02-2021	15:59:00	0.000000	0.000000	26.459.917	10.332.167	16087520	61.119.458	-158866,2	-61343,02	-93.287.132		93.287.132	50.089.211
02-02-2021	16:00:00	0.000000	0.000000	26.446.951	10.454.398	16096661	61.167.549	-158832,1	-62060,99	-93.142.311		93.142.311	50.052.898

POTENCIA BRUTA Neh II TG Excel 225MW



		kWh rec int	kVARh rec int	Vll avg	I avg	kW tot	kVAR tot	PF sign tot	PF lead tot	PF lag tot	Freq
PROMEDIO		21.932.775	615.671.117	16.094.994	51.828.801	131.576	-59.637	-91.075.237		91.075.237	50.040.876
DESV EST		81415,3446	475043547,4	17811,1794	457235,045	999,671772	2239,3248	587464,794		587464,794	72606,4714
%DESV EST		0,3712%	77,1587%	0,1107%	0,8822%	0,7598%	-3,7549%	-0,6450%		0,6450%	0,1451%
DATOS		61	61	61	61	61	61	61		61	61

DURACIÓN	1:00:00												
Date	Time	kWh del int	kVARh del int	kWh rec int	kVARh rec int	Vll avg	I avg	kW tot	kVAR tot	PF sign tot	PF lead tot	PF lag tot	Freq
02-02-2021	16:30:00	0.000000	0.000000	21.992.378	10.271.809	16098948	52.775.513	-132340,9	-64328,39	-89.937.851		89.937.851	49.948.036
02-02-2021	16:31:00	0.000000	0.000000	21.957.234	10.316.165	16110390	52.285.181	-130832,9	-64540,63	-89.681.572		89.681.572	49.934.345
02-02-2021	16:32:00	0.000000	0.000000	21.973.582	10.357.961	16079116	51.975.630	-132202,7	-58917,8	-91.339.813		91.339.813	50.001.743
02-02-2021	16:33:00	0.000000	0.000000	22.020.249	10.262.648	16096923	52.801.060	-132725,5	-63640,33	-90.170.303		90.170.303	49.937.778
02-02-2021	16:34:00	0.000000	0.000000	21.970.164	10.289.410	16078080	52.051.230	-132472,7	-58811,8	-91.397.781		91.397.781	50.021.973
02-02-2021	16:35:00	0.000000	0.000000	21.927.012	10.279.966	16106335	52.192.642	-131428,8	-62634,23	-90.272.957		90.272.957	49.961.388
02-02-2021	16:36:00	0.000000	0.000000	21.969.556	10.232.914	16118478	51.997.495	-130540,3	-63477,46	-89.931.259		89.931.259	49.991.360
02-02-2021	16:37:00	0.000000	0.000000	21.923.374	10.231.796	16092153	52.142.314	-132443	-59820,12	-91.135.208		91.135.208	49.961.456
02-02-2021	16:38:00	0.000000	0.000000	22.006.716	10.230.948	16101771	52.259.141	-132365,7	-60974,82	-90.826.469		90.826.469	49.998.135
02-02-2021	16:39:00	0.000000	0.000000	21.984.180	10.044.685	16092078	51.689.019	-130602,1	-60790,9	-90.659.966		90.659.966	49.953.075
02-02-2021	16:40:00	0.000000	0.000000	21.942.173	10.062.134	16089741	52.120.405	-132409	-59685,34	-91.166.031		91.166.031	49.958.076
02-02-2021	16:41:00	0.000000	0.000000	21.995.847	10.101.815	16109984	51.967.407	-131182,5	-61758,65	-90.475.037		90.475.037	49.987.625
02-02-2021	16:42:00	0.000000	0.000000	21.962.332	10.133.874	16128841	52.362.739	-132867,5	-63287,03	-90.154.808		90.154.808	49.973.507
02-02-2021	16:43:00	0.000000	0.000000	21.921.194	10.083.135	16074400	52.105.718	-132816,8	-58324,5	-91.560.677		91.560.677	49.999.825
02-02-2021	16:44:00	0.000000	0.000000	21.911.865	10.076.389	16120330	52.113.955	-131641,7	-61978,39	-90.474.098		90.474.098	49.969.154
02-02-2021	16:45:00	0.000000	0.000000	21.982.578	10.031.029	16109897	51.820.229	-130337,5	-62579,32	-90.147.629		90.147.629	49.990.635
02-02-2021	16:46:00	0.000000	0.000000	21.913.743	10.115.192	16072473	52.027.065	-132246,1	-59037,55	-91.314.018		91.314.018	49.992.317
02-02-2021	16:47:00	0.000000	0.000000	21.975.532	10.193.480	16053419	51.656.533	-131604,9	-57508,05	-91.633.385		91.633.385	49.987.770
02-02-2021	16:48:00	0.000000	0.000000	21.922.727	10.037.238	16066176	51.882.471	-132304,2	-57768,28	-91.644.913		91.644.913	50.013.855
02-02-2021	16:49:00	0.000000	0.000000	21.972.437	10.000.612	16084823	52.038.472	-132608,5	-58574,58	-91.473.732		91.473.732	49.997.265
02-02-2021	16:50:00	0.000000	0.000000	21.971.692	983.915.039	16083031	52.205.830	-133049,3	-58683,85	-91.495.430		91.495.430	49.970.402
02-02-2021	16:51:00	0.000000	0.000000	21.968.748	987.074.768	16109932	52.268.418	-133304,2	-59138,04	-91.408.684		91.408.684	50.033.890
02-02-2021	16:52:00	0.000000	0.000000	21.964.551	965.655.273	16114782	51.616.250	-130808,3	-60346,55	-90.802.933		90.802.933	49.960.876
02-02-2021	16:53:00	0.000000	0.000000	21.999.807	974.412.537	16100693	51.402.188	-130904,2	-58381,46	-91.328.827		91.328.827	49.972.805
02-02-2021	16:54:00	0.000000	0.000000	21.955.249	977.237.366	16098976	52.039.541	-132925,6	-58175,28	-91.610.588		91.610.588	49.999.161
02-02-2021	16:55:00	0.000000	0.000000	21.912.114	969.059.387	16092495	51.206.816	-130587,4	-57581,3	-91.499.748		91.499.748	49.939.735
02-02-2021	16:56:00	0.000000	0.000000	21.877.361	970.704.895	16078651	50.899.487	-130217,7	-55968,57	-91.873.329		91.873.329	49.992.825
02-02-2021	16:57:00	0.000000	0.000000	21.976.834	985.256.531	16087593	51.820.693	-132421,3	-57552,5	-91.712.570		91.712.570	49.937.370
02-02-2021	16:58:00	0.000000	0.000000	21.935.913	966.814.636	16103486	51.405.977	-130658	-59021,43	-91.133.240		91.133.240	49.963.531
02-02-2021	16:59:00	0.000000	0.000000	22.021.885	969.818.420	16084737	51.537.271	-131518,4	-57572,15	-91.607.330		91.607.330	49.979.939
02-02-2021	17:00:00	0.000000	0.000000	21.953.562	967.107.849	16091021	51.572.720	-131859,7	-57186,01	-91.743.675		91.743.675	50.086.208
02-02-2021	17:01:00	0.000000	0.000000	21.967.322	975.146.240	16120355	52.413.198	-133197,7	-60594,8	-91.023.674		91.023.674	50.014.435
02-02-2021	17:02:00	0.000000	0.000000	21.967.578	974.909.302	16074104	51.653.911	-131360,4	-58493,39	-91.352.486		91.352.486	49.983.124
02-02-2021	17:03:00	0.000000	0.000000	21.963.965	990.656.982	16085798	51.739.282	-131781,7	-58397,36	-91.425.453		91.425.453	50.056.515
02-02-2021	17:04:00	0.000000	0.000000	21.853.022	994.571.411	16120522	52.233.711	-131728,4	-62576,9	-90.326.180		90.326.180	50.054.592
02-02-2021	17:05:00	0.000000	0.000000	21.933.196	978.630.127	16105140	51.570.923	-130506,1	-60499,91	-90.725.365		90.725.365	50.099.773
02-02-2021	17:06:00	0.000000	0.000000	21.939.795	987.673.889	16083188	51.920.444	-132618,8	-57685,72	-91.700.584		91.700.584	50.143.475
02-02-2021	17:07:00	0.000000	0.000000	21.901.682	991.688.782	16098710	51.753.984	-131540,6	-59320,25	-91.159.195		91.159.195	50.129.784
02-02-2021	17:08:00	0.000000	0.000000	21.909.138	986.372.559	16083188	51.343.350	-130908,3	-57586,79	-91.534.813		91.534.813	50.127.163
02-02-2021	17:09:00	0.000000	0.000000	21.910.383	985.847.229	16123361	52.142.227	-131522	-62475,24	-90.327.141		90.327.141	50.057.049
02-02-2021	17:10:00	0.000000	0.000000	21.919.814	991.808.899	16088453	52.024.033	-133112	-57386,63	-91.829.712		91.829.712	50.109.840
02-02-2021	17:11:00	0.000000	0.000000	21.934.255	985.090.698	16083626	52.134.619	-132572,6	-59284,37	-91.288.094		91.288.094	50.075.367
02-02-2021	17:12:00	0.000000	0.000000	21.955.872	989.037.476	16079250	52.021.724	-132149,7	-59358,09	-91.220.360		91.220.360	50.092.827
02-02-2021	17:13:00	0.000000	0.000000	21.953.679	10.002.549	16111869	52.461.846	-132543,7	-62154,38	-90.539.459		90.539.459	50.084.373
02-02-2021	17:14:00	0.000000	0.000000	21.898.699	995.796.021	16095258	51.814.683	-131397	-59970,54	-90.972.740		90.972.740	50.093.887
02-02-2021	17:15:00	0.000000	0.000000	21.927.722	990.290.222	16092282	51.717.607	-131497,4	-59031,66	-91.229.027		91.229.027	50.107.479
02-02-2021	17:16:00	0.000000	0.000000	21.905.320	983.644.958	16097481	51.344.482	-130249,7	-59380,38	-90.990.280		90.990.280	50.091.286
02-02-2021	17:17:00	0.000000	0.000000	21.915.151	994.442.383	16096366	51.338.096	-129801,8	-60288,76	-90.694.588		90.694.588	50.085.117
02-02-2021	17:18:00	0.000000	0.000000	21.929.133	980.160.950	16099420	51.373.354	-130083,4	-59974,15	-90.813.019		90.813.019	50.115.311
02-02-2021	17:19:00	0.000000	0.000000	21.841.567	993.872.559	16043863	49.933.472	-128119,2	-53269,44	-92.336.723		92.336.723	50.189.934
02-02-2021	17:20:00	0.000000	0.000000	21.656.863	979.392.029	16078615	51.216.831	-130824,1	-56801,07	-91.727.234		91.727.234	50.175.003
02-02-2021	17:21:00	0.000000	0.000000	21.533.940	980.206.787	16133252	52.017.554	-131030,2	-62901,43	-90.150.444		90.150.444	50.143.673
02-02-2021	17:22:00	0.000000	0.000000	21.706.462	975.959.473	16112496	52.208.516	-132175,7	-61284,54	-90.722.572		90.722.572	50.155.987
02-02-2021	17:23:00	0.000000	0.000000	22.063.733	10.102.108	16107278	52.141.963	-131995,8	-61111,91	-90.745.964		90.745.964	50.126.671
02-02-2021	17:24:00	0.000000	0.000000	21.999.766	10.030.817	16084094	51.562.637	-131336	-58158,41	-91.436.142		91.436.142	50.171.162
02-02-2021	17:25:00	0.000000	0.000000	21.922.146	990.534.058	16092252	51.604.014	-131536,6	-58172,58	-91.455.353		91.455.353	50.133.423
02-02-2021	17:26:00	0.000000	0.000000	21.960.828	978.843.689	16115423	51.666.230	-130550,5	-61248,96	-90.531.654		90.531.654	50.097.897
02-02-2021	17:27:00	0.000000	0.000000	21.969.556	988.026.917	16095602	51.465.903	-130900,2	-58721,59	-91.239.952		91.239.952	50.114.861
02-02-2021	17:28:00	0.000000	0.000000	21.984.609	986.927.307	16114039	51.444.404	-130542	-59758,54	-90			

POTENCIA BRUTA Neh II TG Excel

195MW

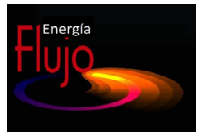


		kWh rec int	kVARh rec int	Vll avg	I avg	kW tot	kVAR tot	PF sign tot	PF lead tot	PF lag tot	Freq
PROMEDIO		18.075.007	865.088.921	16.100.461	43.193.672	108.385	-52.488	-89.995.169		89.995.169	50.030.626
DESV EST		4390,78849	15617335,19	15174,5105	240241,428	334,193456	1938,06787	660777,075		660777,075	55223,3298
%DESV EST		0,0243%	1,8053%	0,0942%	0,5562%	0,3083%	-3,6924%	-0,7342%		0,7342%	0,1104%
DATOS		61	61	61	61	61	61	61		61	61

DURACIÓN	1:00:00												
Date	Time	kWh del int	kVARh del int	kWh rec int	kVARh rec int	Vll avg	I avg	kW tot	kVAR tot	PF sign tot	PF lead tot	PF lag tot	Freq
02-02-2021	18:00:00	0.000000	0.000000	18.066.155	901.666.321	16106153	43.507.939	-108049,6	-55253,1	-89.034.210		89.034.210	49.949.188
02-02-2021	18:01:00	0.000000	0.000000	18.083.606	899.377.502	16097193	43.480.068	-108237,1	-54567,24	-89.294.159		89.294.159	49.922.527
02-02-2021	18:02:00	0.000000	0.000000	18.066.388	898.756.592	16119236	43.599.614	-108151	-55835	-88.857.002		88.857.002	49.901.199
02-02-2021	18:03:00	0.000000	0.000000	18.077.740	886.399.109	16108466	43.467.397	-108290,4	-54568,64	-89.302.605		89.302.605	49.928.524
02-02-2021	18:04:00	0.000000	0.000000	18.081.638	873.086.975	16101350	43.116.396	-108324,2	-52170,08	-90.095.619		90.095.619	49.965.572
02-02-2021	18:05:00	0.000000	0.000000	18.074.906	866.907.959	16108603	43.463.970	-108541,9	-54047,32	-89.516.365		89.516.365	49.955.120
02-02-2021	18:06:00	0.000000	0.000000	18.074.939	876.586.182	16112726	43.387.095	-108173,4	-54374,32	-89.347.488		89.347.488	49.937.511
02-02-2021	18:07:00	0.000000	0.000000	18.076.348	873.485.718	16102422	43.250.962	-107968,5	-53762,96	-89.515.984		89.515.984	49.930.775
02-02-2021	18:08:00	0.000000	0.000000	18.077.260	872.079.529	16116391	43.205.093	-108443,2	-52735,54	-89.930.237		89.930.237	50.056.545
02-02-2021	18:09:00	0.000000	0.000000	18.079.133	866.008.057	16084928	43.068.794	-108275,4	-51671,11	-90.249.977		90.249.977	49.978.371
02-02-2021	18:10:00	0.000000	0.000000	18.078.610	868.518.555	16101190	43.320.073	-108422,1	-53251,31	-89.758.278		89.758.278	50.022.259
02-02-2021	18:11:00	0.000000	0.000000	18.069.351	867.019.836	16100374	42.959.995	-108576,2	-50598,03	-90.640.976		90.640.976	50.061.115
02-02-2021	18:12:00	0.000000	0.000000	18.075.573	857.738.159	16104884	42.925.645	-107899,8	-51881,22	-90.123.192		90.123.192	49.968.964
02-02-2021	18:13:00	0.000000	0.000000	18.076.415	854.013.489	16083069	42.960.171	-108660,3	-50113,17	-90.807.945		90.807.945	49.971.977
02-02-2021	18:14:00	0.000000	0.000000	18.073.982	856.087.158	16107825	43.194.136	-107693,5	-54050,98	-89.374.817		89.374.817	49.946.144
02-02-2021	18:15:00	0.000000	0.000000	18.072.274	858.671.692	16114985	43.457.861	-108490,7	-54223,49	-89.449.921		89.449.921	49.962.284
02-02-2021	18:16:00	0.000000	0.000000	18.074.602	849.826.965	16080190	43.204.224	-108261,6	-52503,74	-89.977.081		89.977.081	50.002.586
02-02-2021	18:17:00	0.000000	0.000000	18.073.101	889.072.021	16084147	43.191.567	-109067,7	-50781,3	-90.655.533		90.655.533	50.075.325
02-02-2021	18:18:00	0.000000	0.000000	18.077.839	876.904.785	16100114	43.287.515	-108596,4	-52679,73	-89.972.649		89.972.649	50.061.008
02-02-2021	18:19:00	0.000000	0.000000	18.076.610	880.698.608	16106097	43.303.477	-108377,4	-53332,41	-89.724.480		89.724.480	50.084.747
02-02-2021	18:20:00	0.000000	0.000000	18.072.927	880.432.251	16083425	43.270.264	-108387,7	-52706,56	-89.930.885		89.930.885	50.074.265
02-02-2021	18:21:00	0.000000	0.000000	18.070.875	880.960.388	16086826	43.047.671	-108334,9	-51452,67	-90.329.819		90.329.819	50.081.638
02-02-2021	18:22:00	0.000000	0.000000	18.077.606	870.716.003	16121778	43.677.778	-108181,9	-56295,07	-88.708.084		88.708.084	50.041.534
02-02-2021	18:23:00	0.000000	0.000000	18.080.289	872.502.441	16081192	43.021.152	-108855,4	-50064,16	-90.851.990		90.851.990	50.081.421
02-02-2021	18:24:00	0.000000	0.000000	18.075.632	874.063.232	16116319	43.310.630	-108465,3	-53372,86	-89.725.410		89.725.410	50.110.180
02-02-2021	18:25:00	0.000000	0.000000	18.067.743	879.876.343	16109146	43.585.459	-108712,2	-54474,88	-89.403.618		89.403.618	50.051.712
02-02-2021	18:26:00	0.000000	0.000000	18.076.180	877.782.593	16121937	43.343.755	-108520,9	-54542,76	-89.268.204		89.268.204	50.071.236
02-02-2021	18:27:00	0.000000	0.000000	18.079.794	872.846.497	16087663	43.218.447	-108577,4	-52060,66	-90.170.593		90.170.593	50.064.125
02-02-2021	18:28:00	0.000000	0.000000	18.075.566	874.105.286	16085618	43.100.854	-108782,6	-50826,18	-90.598.846		90.598.846	50.109.463
02-02-2021	18:29:00	0.000000	0.000000	18.066.851	880.146.851	16126545	43.870.562	-107960,9	-57942,99	-88.111.694		88.111.694	50.030.941
02-02-2021	18:30:00	0.000000	0.000000	18.077.274	873.358.032	16086810	42.849.268	-108045,7	-50757,68	-90.510.048		90.510.048	50.050.373
02-02-2021	18:31:00	0.000000	0.000000	18.064.626	864.013.489	16103706	43.124.224	-108520,9	-51851,3	-90.229.599		90.229.599	50.080.292
02-02-2021	18:32:00	0.000000	0.000000	18.079.352	853.804.810	16137868	43.769.619	-108245,4	-56989,15	-88.485.802		88.485.802	50.032.665
02-02-2021	18:33:00	0.000000	0.000000	18.076.578	853.738.831	16097559	43.057.280	-108820,5	-50668,24	-90.654.884		90.654.884	50.088.364
02-02-2021	18:34:00	0.000000	0.000000	18.077.971	852.467.651	16098021	43.390.562	-108428,1	-53633,74	-89.633.781		89.633.781	50.016.880
02-02-2021	18:35:00	0.000000	0.000000	18.069.651	858.290.466	16087075	42.897.466	-108354,1	-50431,77	-90.661.057		90.661.057	50.057.861
02-02-2021	18:36:00	0.000000	0.000000	18.076.132	855.745.728	16109103	43.042.007	-108003,8	-52483,48	-89.942.802		89.942.802	50.046.738
02-02-2021	18:37:00	0.000000	0.000000	18.075.072	857.101.624	16106841	43.310.991	-108724,1	-52678,91	-89.993.042		89.993.042	50.042.355
02-02-2021	18:38:00	0.000000	0.000000	18.082.689	843.697.083	16072974	43.164.868	-108845,3	-50881,66	-90.590.492		90.590.492	50.069.031
02-02-2021	18:39:00	0.000000	0.000000	18.069.624	869.815.247	16118863	43.122.734	-107897,4	-53377,28	-89.631.798		89.631.798	50.086.105
02-02-2021	18:40:00	0.000000	0.000000	18.074.182	857.157.959	16117799	43.302.305	-108452,4	-53365,93	-89.725.601		89.725.601	50.070.538
02-02-2021	18:41:00	0.000000	0.000000	18.084.012	858.410.645	16087628	43.124.277	-109136,9	-50244,39	-90.835.960		90.835.960	50.089.203
02-02-2021	18:42:00	0.000000	0.000000	18.079.032	862.806.213	16103154	43.102.373	-107719,5	-53347,63	-89.612.488		89.612.488	50.059.677
02-02-2021	18:43:00	0.000000	0.000000	18.075.193	857.860.229	16115577	43.517.603	-108399,5	-54781,33	-89.250.351		89.250.351	50.033.588
02-02-2021	18:44:00	0.000000	0.000000	18.072.241	865.239.990	16089887	43.174.521	-108023,5	-52958,14	-89.790.276		89.790.276	50.060.513
02-02-2021	18:45:00	0.000000	0.000000	18.071.813	866.906.067	16106846	43.209.238	-108302,1	-52898,61	-89.854.492		89.854.492	50.075.142
02-02-2021	18:46:00	0.000000	0.000000	18.076.447	859.490.845	16058774	42.829.980	-109148,5	-47693,24	-91.633.980		91.633.980	50.096.031
02-02-2021	18:47:00	0.000000	0.000000	18.071.888	868.135.254	16111383	43.350.386	-108699,9	-53049,76	-89.868.568		89.868.568	50.060.760
02-02-2021	18:48:00	0.000000	0.000000	18.075.573	862.090.820	16078751	42.859.624	-108368,8	-49990,8	-90.804.085		90.804.085	50.115.524
02-02-2021	18:49:00	0.000000	0.000000	18.078.832	878.851.868	16076528	43.164.238	-108780,4	-51087,05	-90.515.099		90.515.099	50.096.924
02-02-2021	18:50:00	0.000000	0.000000	18.078.768	861.592.102	16085729	42.864.697	-108224	-50468,41	-90.629.906		90.629.906	50.078.171
02-02-2021	18:51:00	0.000000	0.000000	18.069.114	861.330.688	16088380	42.958.760	-108439,5	-50676,92	-90.595.314		90.595.314	50.036.999
02-02-2021	18:52:00	0.000000	0.000000	18.075.381	855.849.060	16091001	43.051.733	-108221,5	-51787,12	-90.204.018		90.204.018	50.001.389
02-02-2021	18:53:00	0.000000	0.000000	18.067.180	845.733.948	16098727	42.875.161	-108064,1	-51095,38	-90.403.824		90.403.824	50.059.780
02-02-2021	18:54:00	0.000000	0.000000	18.071.302	862.810.730	16117298	42.953.501	-108107,3	-51839,91	-90.169.090		90.169.090	50.017.376
02-02-2021	18:55:00	0.000000	0.000000	18.078.644	837.496.033	16086182	42.895.229	-108265,6	-50590,57	-90.596.931		90.596.931	50.026.566
02-02-2021	18:56:00	0.000000	0.000000	18.075.146	862.304.871	16103765	43.054.556	-108582,9	-51267,95	-90.427.208		90.427.208	50.010.841
02-02-2021	18:57:00	0.000000	0.000000	18.080.461	828.474.731	16094352	42.884.868	-108361,2	-50455,01	-90.654.678		90.654.678	49.998.077
02-02-2021	18:58:00	0.000000	0.000000	18.071.864	840.072.876	16108775	42.980.405						

POTENCIA BRUTA Neh II TV Excel

395MW

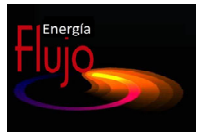


	INTEGRADOR kW	kWh rec int	kVARh rec int	Vll avg	I avg	kW tot	kVAR tot	PF sign tot	PF lead tot	PF lag tot	Freq
PROMEDIO	128.462			15.668.991	47.466.022	128.518	72.106.884	-99.778.602		99,78	50.017.939
DESVEST				21201,7794	197942,789	460,864448	26535602,6	69201,0376		0,069201038	62731,0776
%DESVEST				0,1353%	0,4170%	0,3586%	36,8004%	-0,0694%		0,0694%	0,1254%
DATOS				61	61	61	61	61		61	61

DURACIÓN	1:00:00												
Date	Time	kWh del int	kVARh del int	kWh rec int	kVARh rec int	Vll avg	I avg	kW tot	kVAR tot	PF sign tot	PF lead tot	PF lag tot	Freq
02-02-2021	7:30:00	21.408.323	125.512.840	0	0	15681067	47.676.836	129236,36	78.859.258	-99.814.346		99.814.346	50.046.806
02-02-2021	7:31:00	21.420.195	136.433.365	0	0	15676313	47.428.950	128404,17	95.697.549	-99.723.427		99.723.427	49.938.446
02-02-2021	7:32:00	21.410.469	151.754.166	0	0	15674839	47.439.131	128423,53	95.533.584	-99.724.457		99.724.457	50.007.492
02-02-2021	7:33:00	21.423.113	144.388.138	0	0	15689114	47.214.585	127944,53	93.471.816	-99.734.200		99.734.200	49.965.321
02-02-2021	7:34:00	21.411.450	158.837.570	0	0	15669586	47.432.119	128377,38	93.335.625	-99.736.748		99.736.748	50.018.108
02-02-2021	7:35:00	21.410.313	142.138.245	0	0	15674113	47.731.729	129335,23	77.692.368	-99.820.061		99.820.061	50.050.083
02-02-2021	7:36:00	21.413.699	145.637.726	0	0	15678394	47.208.433	127889,13	86.517.139	-99.771.957		99.771.957	50.059.467
02-02-2021	7:37:00	21.415.679	141.564.850	0	0	15672831	47.373.589	128305,34	84.869.102	-99.781.952		99.781.952	50.059.315
02-02-2021	7:38:00	21.423.066	144.209.442	0	0	15645957	47.414.185	128287,48	69.475.825	-99.853.676		99.853.676	49.997.952
02-02-2021	7:39:00	21.414.441	150.470.795	0	0	15683259	47.361.475	128341,53	87.290.361	-99.769.501		99.769.501	50.103.577
02-02-2021	7:40:00	21.428.772	117.377.441	0	0	15653443	47.717.598	129115,83	78.947.725	-99.813.591		99.813.591	50.041.698
02-02-2021	7:41:00	21.418.296	147.614.960	0	0	15661839	47.581.235	128837,65	75.233.013	-99.829.941		99.829.941	50.004.677
02-02-2021	7:42:00	21.415.647	142.330.673	0	0	15717538	46.971.914	127412,6	10653860	-99.652.229		99.652.229	49.982.742
02-02-2021	7:43:00	21.419.531	146.691.544	0	0	15667690	47.356.299	128168,51	91.220.791	-99.747.681		99.747.681	50.045.746
02-02-2021	7:44:00	21.418.230	139.940.994	0	0	15647323	47.717.314	129147,98	63.061.821	-99.880.997		99.880.997	50.055.317
02-02-2021	7:45:00	21.413.164	135.117.981	0	0	15669453	47.341.221	128234,62	76.788.535	-99.821.190		99.821.190	50.045.486
02-02-2021	7:46:00	21.413.032	143.904.144	0	0	15668926	47.320.864	128135,42	83.378.164	-99.788.963		99.788.963	50.085.320
02-02-2021	7:47:00	21.431.794	125.561.836	0	0	15679719	47.515.986	128773,16	80.898.213	-99.803.253		99.803.253	50.058.182
02-02-2021	7:48:00	21.407.378	136.639.603	0	0	15638227	47.603.252	128802,58	55.787.334	-99.906.334		99.906.334	50.101.940
02-02-2021	7:49:00	21.433.560	107.499.611	0	0	15679239	47.348.716	128323,51	79.447.954	-99.808.891		99.808.891	50.001.141
02-02-2021	7:50:00	21.416.880	148.596.603	0	0	15663899	47.580.298	128771,52	87.951.641	-99.767.563		99.767.563	50.087.337
02-02-2021	7:51:00	21.429.705	140.552.719	0	0	15674103	47.555.293	128766,15	90.600.244	-99.753.387		99.753.387	50.068.848
02-02-2021	7:52:00	21.418.823	140.889.664	0	0	15666700	47.390.034	128315,79	82.054.023	-99.796.165		99.796.165	50.055.023
02-02-2021	7:53:00	21.416.462	142.021.713	0	0	15677644	47.323.394	128210,24	84.312.197	-99.784.477		99.784.477	50.084.202
02-02-2021	7:54:00	21.422.871	138.014.206	0	0	15654279	47.832.720	129494,11	68.968.530	-99.858.467		99.858.467	50.125.099
02-02-2021	7:55:00	21.406.438	127.661.530	0	0	15671047	47.614.185	128978,19	79.536.572	-99.810.402		99.810.402	50.060.406
02-02-2021	7:56:00	21.415.908	126.741.188	0	0	15642852	47.441.284	128434,9	47.577.456	-99.931.458		99.931.458	50.166.851
02-02-2021	7:57:00	21.413.955	107.895.622	0	0	15665216	47.664.829	129141,9	66.629.419	-99.867.165		99.867.165	50.129.440
02-02-2021	7:58:00	21.399.207	111.890.007	0	0	15704097	47.149.463	127921,7	89.270.195	-99.757.385		99.757.385	50.087.753
02-02-2021	7:59:00	21.409.590	131.722.153	0	0	15655727	47.390.669	128327,85	64.480.210	-99.874.001		99.874.001	50.040.539
02-02-2021	8:00:00	21.399.392	146.347.260	0	0	15684607	47.476.426	128645,84	89.605.693	-99.758.301		99.758.301	50.061.386
02-02-2021	8:01:00	21.416.719	143.211.044	0	0	15659346	47.601.748	128779,7	89.444.502	-99.759.666		99.759.666	50.004.223
02-02-2021	8:02:00	21.413.271	144.878.571	0	0	15699775	47.120.020	127719,84	10074395	-99.690.353		99.690.353	49.932.381
02-02-2021	8:03:00	21.399.712	150.492.706	0	0	15682809	47.258.604	128121,2	77.370.820	-99.818.153		99.818.153	50.065.060
02-02-2021	8:04:00	21.408.616	150.580.231	0	0	15724678	47.395.591	128557,54	11492117	-99.602.829		99.602.829	50.011.478
02-02-2021	8:05:00	21.397.463	148.418.091	0	0	15672904	47.517.163	128693,52	85.199.141	-99.781.578		99.781.578	50.074.604
02-02-2021	8:06:00	21.410.564	154.722.839	0	0	15677156	47.452.349	128444,63	10023116	-99.696.915		99.696.915	49.994.495
02-02-2021	8:07:00	21.415.278	140.181.900	0	0	15688543	47.309.536	128213,38	91.628.721	-99.745.605		99.745.605	49.952.351
02-02-2021	8:08:00	21.397.468	148.163.849	0	0	15667906	47.433.716	128419,03	86.270.693	-99.775.108		99.775.108	49.991.425
02-02-2021	8:09:00	21.408.848	139.832.916	0	0	15689354	47.155.547	127853,83	83.783.389	-99.785.973		99.785.973	49.942.745
02-02-2021	8:10:00	21.389.658	142.257.065	0	0	15710511	47.233.711	128178,6	92.867.422	-99.738.564		99.738.564	50.001.404
02-02-2021	8:11:00	21.407.664	116.722.420	0	0	15660254	47.243.989	127886,68	79.156.753	-99.808.990		99.808.990	49.933.506
02-02-2021	8:12:00	21.391.855	137.324.371	0	0	15666082	47.337.832	128264,79	65.857.944	-99.868.446		99.868.446	50.055.099
02-02-2021	8:13:00	21.401.135	125.339.607	0	0	15618396	47.598.774	128634,11	54.332.583	-99.910.919		99.910.919	50.035.919
02-02-2021	8:14:00	21.413.625	126.082.581	0	0	15638987	47.573.711	128695,63	63.184.365	-99.879.700		99.879.700	50.043.533
02-02-2021	8:15:00	21.398.044	123.297.417	0	0	15649132	47.704.673	129091,4	71.090.977	-99.848.709		99.848.709	50.018.688
02-02-2021	8:16:00	21.385.586	154.568.832	0	0	15677726	47.574.658	128808,05	96.889.092	-99.718.292		99.718.292	50.072.865
02-02-2021	8:17:00	21.410.100	150.396.088	0	0	15676438	47.376.279	128254,43	97.217.334	-99.713.943		99.713.943	50.030.098
02-02-2021	8:18:00	21.406.560	157.713.669	0	0	15650868	47.621.914	128737,17	93.428.096	-99.737.694		99.737.694	49.928.638
02-02-2021	8:19:00	21.395.217	167.047.119	0	0	15646249	47.742.163	129088,09	84.207.344	-99.787.910		99.787.910	49.920.822
02-02-2021	8:20:00	21.400.911	170.553.040	0	0	15685114	47.247.842	127987,94	95.677.588	-99.721.748		99.721.748	49.986.813
02-02-2021	8:21:00	21.404.724	175.854.599	0	0	15690328	47.264.639	127980,06	10832614	-99.643.692		99.643.692	49.923.927
02-02-2021	8:22:00	21.415.764	166.437.897	0	0	15680615	47.252.363	127912,32	10224897	-99.682.030		99.682.030	49.908.512
02-02-2021	8:23:00	21.402.769	167.944.183	0	0	15671682	47.358.638	128201,61	92.807.549	-99.738.998		99.738.998	50.021.793
02-02-2021	8:24:00	21.418.120	135.208.710	0	0	15631902	47.834.141	129297,84	71.819.346	-99.846.092		99.846.092	49.897.076
02-02-2021	8:25:00	21.403.228	173.587.936	0	0	15667423	47.642.144	128891,98	98.708.779	-99.708.038		99.708.038	49.885.674
02-02-2021	8:26:00	21.399.490	165.262.787	0	0	15632605	47.728.706	128962,55	80.778.750	-99.804.405		99.804.405	49.943.745
02-02-2021	8:27:00	21.411.821	165.077.042	0	0	15665308	47.740.293	129100,38	10381404	-99.678.246		99.678.246	49.937.073
02-02-2021	8:28:00	21.401.082	160.381.134	0	0	15622027	47.867.725	129268,23	78.533.584	-99.815.964		99.815.964	49.939.732
02-02-2021	8:29:00	21.397.405	175.194.244	0	0	15640529	47.524.800	128446,33	85.536.045	-99.779.007		99.779.007	50.008.331
02-02-2021	8:30:00	21.410.664	166.784.302	0	0	15674713	47.540.034	128618,69	10554317	-99.665.009		99.665.009	49.996.552

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360MW

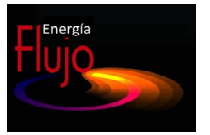


	INTEGRADOR kW	kWh rec int	kVARh rec int	Vll avg	I avg	kW tot	kVAR tot	PF sign tot	PF lead tot	PF lag tot	Freq
PROMEDIO	120.578			15.673.616	44.816.544	120.624	15.683.807	-99.156.122		99,16	50.029.850
DESV EST				16207,52	187238,574	494,770847	1680584,38	175292,403		0,1752924	47339,2766
%DESV EST				0,1034%	0,4178%	0,4102%	10,7154%	-0,1768%		0,1768%	0,0946%
DATOS				61	61	61	61	61		61	61

DURACIÓN	1:00:00												
Date	Time	kWh del int	kVARh del int	kWh rec int	kVARh rec int	Vll avg	I avg	kW tot	kVAR tot	PF sign tot	PF lead tot	PF lag tot	Freq
02-02-2021	9:00:00	20.070.168	208.663.849	0.000000	0	15679060	44.415.801	119907,82	12922054	-99.424.332		99.424.332	50.050.434
02-02-2021	9:01:00	20.102.732	220.919.144	0.000000	0	15645383	45.128.149	121631,32	12528938	-99.473.656		99.473.656	49.971.912
02-02-2021	9:02:00	20.080.901	217.672.836	0.000000	0	15668457	44.921.987	121063,23	14233875	-99.315.903		99.315.903	49.968.483
02-02-2021	9:03:00	20.092.025	228.725.250	0.000000	0	15679132	44.558.325	120198,55	13830929	-99.344.475		99.344.475	49.959.240
02-02-2021	9:04:00	20.083.105	229.719.040	0.000000	0	15677909	44.547.690	120148,57	13936942	-99.333.939		99.333.939	50.012.829
02-02-2021	9:05:00	20.090.736	230.518.524	0.000000	0	15683241	44.625.044	120319,94	14633079	-99.268.555		99.268.555	49.987.900
02-02-2021	9:06:00	20.079.247	211.454.987	0.000000	0	15679286	44.598.838	120414,45	12902782	-99.430.809		99.430.809	50.158.699
02-02-2021	9:07:00	20.099.086	231.985.855	0.000000	0	15650989	44.839.854	120741	13903058	-99.343.567		99.343.567	50.044.563
02-02-2021	9:08:00	20.072.537	245.470.734	0.000000	0	15699261	44.876.963	120787,38	17254139	-98.995.087		98.995.087	50.119.621
02-02-2021	9:09:00	20.099.707	236.664.566	0.000000	0	15693919	44.424.395	119667,66	16074676	-99.109.833		99.109.833	50.033.417
02-02-2021	9:10:00	20.089.238	248.861.938	0.000000	0	15662806	44.623.149	120114,73	14922201	-99.237.129		99.237.129	50.076.496
02-02-2021	9:11:00	20.089.156	250.980.545	0.000000	0	15720166	44.496.523	119864,13	17549969	-98.945.053		98.945.053	50.024.067
02-02-2021	9:12:00	20.093.688	253.097.900	0.000000	0	15671711	44.891.069	120688,06	16705225	-99.055.595		99.055.595	50.059.647
02-02-2021	9:13:00	20.093.333	250.681.122	0.000000	0	15678873	45.053.208	121232,1	16386699	-99.098.808		99.098.808	50.053.570
02-02-2021	9:14:00	20.089.427	229.918.640	0.000000	0	15649955	44.829.150	120939,25	11676757	-99.537.132		99.537.132	50.049.274
02-02-2021	9:15:00	20.092.053	259.687.561	0.000000	0	15672620	44.815.195	120736,18	14793469	-99.257.698		99.257.698	50.042.988
02-02-2021	9:16:00	20.087.922	253.692.398	0.000000	0	15636420	44.854.780	120699,8	13620192	-99.369.331		99.369.331	50.054.131
02-02-2021	9:17:00	20.103.711	257.725.800	0.000000	0	15684825	44.688.101	120233,33	16693031	-99.049.904		99.049.904	50.068.546
02-02-2021	9:18:00	20.096.343	252.094.833	0.000000	0	15700871	45.027.056	121280,05	16779277	-99.056.465		99.056.465	50.051.258
02-02-2021	9:19:00	20.095.500	252.551.056	0.000000	0	15667762	44.740.093	120535,66	14452176	-99.288.864		99.288.864	49.998.676
02-02-2021	9:20:00	20.083.655	236.724.884	0.000000	0	15668798	44.881.763	121080,2	13146130	-99.415.749		99.415.749	50.127.022
02-02-2021	9:21:00	20.109.436	229.271.194	0.000000	0	15694963	44.802.319	120741,26	15852674	-99.149.071		99.149.071	49.963.608
02-02-2021	9:22:00	20.095.315	260.816.284	0.000000	0	15660285	44.769.536	120371,36	15871384	-99.141.907		99.141.907	49.937.859
02-02-2021	9:23:00	20.080.841	268.569.916	0.000000	0	15666524	44.749.541	120339,11	16105030	-99.116.325		99.116.325	50.062.496
02-02-2021	9:24:00	20.103.959	263.794.403	0.000000	0	15667887	44.688.120	120299,84	15202042	-99.210.991		99.210.991	49.989.956
02-02-2021	9:25:00	20.105.549	223.207.626	0.000000	0	15670869	44.865.581	120966,24	13919400	-99.344.467		99.344.467	49.964.516
02-02-2021	9:26:00	20.093.611	217.783.432	0.000000	0	15652578	45.057.612	121540,46	12108207	-99.507.431		99.507.431	50.000.404
02-02-2021	9:27:00	20.097.327	239.044.464	0.000000	0	15679817	45.059.761	121267,01	16304422	-99.108.223		99.108.223	50.012.066
02-02-2021	9:28:00	20.092.323	253.227.463	0.000000	0	15693447	44.768.379	120614,27	16023368	-99.129.082		99.129.082	49.960.705
02-02-2021	9:29:00	20.083.424	250.104.752	0.000000	0	15654713	45.001.548	121117,97	14697245	-99.271.782		99.271.782	49.985.752
02-02-2021	9:30:00	20.075.769	251.179.749	0.000000	0	15683232	44.909.272	120928,23	15963555	-99.139.915		99.139.915	50.081.512
02-02-2021	9:31:00	20.094.065	251.404.022	0.000000	0	15671510	44.917.554	120973,9	15061652	-99.233.841		99.233.841	50.079.460
02-02-2021	9:32:00	20.080.117	252.552.032	0.000000	0	15670623	44.856.592	120743,28	15506322	-99.185.425		99.185.425	50.019.829
02-02-2021	9:33:00	20.075.737	265.506.409	0.000000	0	15664298	44.731.240	120383,66	15261241	-99.206.001		99.206.001	50.054.470
02-02-2021	9:34:00	20.082.922	271.889.801	0.000000	0	15689505	44.478.242	119795,54	15971975	-99.122.871		99.122.871	50.149.681
02-02-2021	9:35:00	20.097.020	236.062.775	0.000000	0	15669752	44.999.619	121270,23	14372699	-99.304.985		99.304.985	50.043.671
02-02-2021	9:36:00	20.085.432	251.798.538	0.000000	0	15678071	44.624.443	120186,09	15367611	-99.192.413		99.192.413	50.028.679
02-02-2021	9:37:00	20.090.438	259.084.595	0.000000	0	15643353	45.041.968	121189,35	14283633	-99.312.576		99.312.576	50.060.825
02-02-2021	9:38:00	20.081.382	250.700.470	0.000000	0	15660850	44.884.106	120789	15146684	-99.222.923		99.222.923	50.035.721
02-02-2021	9:39:00	20.084.960	260.780.975	0.000000	0	15681736	44.680.967	120234,86	16385635	-99.084.122		99.084.122	50.069.000
02-02-2021	9:40:00	20.090.778	267.704.834	0.000000	0	15674495	44.774.858	120316,46	17230316	-98.990.074		98.990.074	50.028.637
02-02-2021	9:41:00	20.082.513	287.484.802	0.000000	0	15687696	45.028.540	120975,16	18188199	-98.888.603		98.888.603	50.079.857
02-02-2021	9:42:00	20.092.563	283.941.559	0.000000	0	15675539	44.976.323	120839,6	17484123	-98.969.414		98.969.414	49.982.224
02-02-2021	9:43:00	20.081.578	291.604.919	0.000000	0	15673777	44.685.801	120066,98	17228406	-98.986.160		98.986.160	50.053.211
02-02-2021	9:44:00	20.095.156	284.877.960	0.000000	0	15683396	44.691.245	120003,8	18251764	-98.863.068		98.863.068	50.003.582
02-02-2021	9:45:00	20.087.155	291.591.553	0.000000	0	15649817	44.694.668	120018,72	16402443	-99.079.002		99.079.002	49.993.881
02-02-2021	9:46:00	20.086.350	300.942.352	0.000000	0	15679660	44.630.879	119812,45	18242305	-98.860.657		98.860.657	50.002.060
02-02-2021	9:47:00	20.100.165	291.027.588	0.000000	0	15649111	44.756.768	120046,73	17377168	-98.968.506		98.968.506	49.996.971
02-02-2021	9:48:00	20.100.081	281.959.778	0.000000	0	15662011	44.549.131	119872,15	15227023	-99.202.835		99.202.835	50.046.116
02-02-2021	9:49:00	20.102.563	273.926.727	0.000000	0	15652810	44.833.403	120463,38	16107621	-99.117.844		99.117.844	50.062.984
02-02-2021	9:50:00	20.111.508	274.302.216	0.000000	0	15703546	44.758.638	120368,17	18130471	-98.884.552		98.884.552	50.035.019
02-02-2021	9:51:00	20.113.538	292.111.237	0.000000	0	15680469	45.070.981	121024,53	18260236	-98.880.829		98.880.829	49.995.373
02-02-2021	9:52:00	20.122.996	308.740.753	0.000000	0	15680336	44.713.096	120144,41	17551318	-98.949.738		98.949.738	50.045.670
02-02-2021	9:53:00	20.132.869	297.644.867	0.000000	0	15675041	45.158.374	121213,29	18312074	-98.878.014		98.878.014	49.970.200
02-02-2021	9:54:00	20.110.009	291.435.150	0.000000	0	15687609	44.983.682	120874,2	18022674	-98.906.616		98.906.616	50.060.310
02-02-2021	9:55:00	20.116.652	290.938.263	0.000000	0	15686231	45.062.310	121166,24	17443223	-98.979.591		98.979.591	50.034.695
02-02-2021	9:56:00	20.116.665	273.968.201	0.000000	0	15667315	44.667.363	120251,19	15117031	-99.219.070		99.219.070	50.056.141
02-02-2021	9:57:00	20.136.907	248.597.015	0.000000	0	15647897	44.969.673	120983,88	14634791	-99.276.306		99.276.306	49.991.116
02-02-2021	9:58:00	20.116.263	272.305.145	0.000000	0	15685224	45.129.199	121441	16747061	-99.062.492		99.062.492	50.026.333
02-02-2021	9:59:00	20.127.767	239.644.501	0.000000	0	15683789	44.919.307	121080,29	15030851	-99.238.258		99.238.258	50.001.476
02-02-2021	10:00:00	20.132.505	269.333.221	0.000000	0	15679337	45.031.387	121036,02	17372742	-98.985.550		98.985.550	49.941.990

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325MW

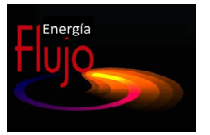


	INTEGRADOR kW	kWh rec int	kVARh rec int	Vll avg	I avg	kW tot	kVAR tot	PF sign tot	PF lead tot	PF lag tot	Freq
PROMEDIO	113.558			15.672.487	42.412.334	113.577	18.705.936	-98.664.285		98,66	50.015.204
DESV EST				18957,963	219621,452	540,224366	1355342,29	187826,662		0,18782666	37112,8785
%DESV EST				0,1210%	0,5178%	0,4756%	7,2455%	-0,1904%		0,1904%	0,0742%
DATOS				61	61	61	61	61		61	61

DURACIÓN	1:00:00												
Date	Time	kWh del int	kVARh del int	kWh rec int	kVARh rec int	Vll avg	I avg	kW tot	kVAR tot	PF sign tot	PF lead tot	PF lag tot	Freq
02-02-2021	10:30:00	18.912.057	284.329.346	0.000000	0	15654843	42.736.323	114774,98	15850254	-99.059.868		99.059.868	50.039.886
02-02-2021	10:31:00	18.928.086	290.256.714	0.000000	0	15670713	42.378.750	113699,27	17329150	-98.858.376		98.858.376	49.993.660
02-02-2021	10:32:00	18.914.723	270.336.182	0.000000	0	15676291	41.976.943	112889,95	15598180	-99.058.884		99.058.884	50.047.150
02-02-2021	10:33:00	18.928.107	273.521.881	0.000000	0	15676438	42.195.747	113065,88	18397322	-98.701.935		98.701.935	49.992.912
02-02-2021	10:34:00	18.906.377	291.017.456	0.000000	0	15633903	42.461.479	113865,15	15858158	-99.044.060		99.044.060	50.033.894
02-02-2021	10:35:00	18.908.749	288.456.085	0.000000	0	15686047	42.355.737	113538,95	18638818	-98.679.176		98.679.176	50.010.696
02-02-2021	10:36:00	18.907.538	296.209.076	0.000000	0	15671724	42.492.700	113958,08	17721629	-98.812.332		98.812.332	50.044.357
02-02-2021	10:37:00	18.925.596	290.458.405	0.000000	0	15710217	41.838.530	112345,81	18319631	-98.696.434		98.696.434	50.015.656
02-02-2021	10:38:00	18.916.444	301.646.057	0.000000	0	15681084	42.027.422	112650,79	18340697	-98.700.424		98.700.424	50.030.945
02-02-2021	10:39:00	18.917.742	300.416.168	0.000000	0	15709723	42.003.291	112599,94	19496613	-98.533.852		98.533.852	50.046.127
02-02-2021	10:40:00	18.935.798	289.136.719	0.000000	0	15675916	42.274.722	113202,98	18894666	-98.635.506		98.635.506	49.999.672
02-02-2021	10:41:00	18.906.232	311.897.980	0.000000	0	15686537	42.501.016	113902,16	18897021	-98.651.535		98.651.535	50.060.814
02-02-2021	10:42:00	18.930.750	285.696.716	0.000000	0	15683665	42.329.941	113593,85	17757617	-98.800.064		98.800.064	50.056.755
02-02-2021	10:43:00	18.942.820	299.543.854	0.000000	0	15690493	42.462.490	113725,55	19485037	-98.563.782		98.563.782	49.990.646
02-02-2021	10:44:00	18.921.018	306.652.802	0.000000	0	15713695	42.281.143	113157,32	20836217	-98.346.642		98.346.642	49.962.994
02-02-2021	10:45:00	18.927.148	328.542.206	0.000000	0	15687341	42.838.965	114520,78	20716137	-98.402.954		98.402.954	50.050.201
02-02-2021	10:46:00	18.925.321	312.750.671	0.000000	0	15678289	42.239.878	113018,52	19513598	-98.541.969		98.541.969	49.975.433
02-02-2021	10:47:00	18.923.401	331.542.236	0.000000	0	15633683	42.503.042	113664,21	17964244	-98.773.987		98.773.987	50.002.144
02-02-2021	10:48:00	18.917.633	333.757.874	0.000000	0	15681663	42.755.142	114326,17	20290732	-98.461.281		98.461.281	50.017.204
02-02-2021	10:49:00	18.921.802	306.112.854	0.000000	0	15670092	42.545.518	114015,92	18205984	-98.749.001		98.749.001	50.032.619
02-02-2021	10:50:00	18.938.446	329.648.804	0.000000	0	15664808	42.249.009	112806,3	20282645	-98.421.753		98.421.753	50.013.725
02-02-2021	10:51:00	18.917.118	336.953.461	0.000000	0	15700709	42.255.352	113055,56	20466762	-98.400.566		98.400.566	50.059.666
02-02-2021	10:52:00	18.919.581	336.970.673	0.000000	0	15632131	42.814.927	114388,7	18704684	-98.689.308		98.689.308	49.999.664
02-02-2021	10:53:00	18.914.539	338.404.755	0.000000	0	15667428	42.519.292	113669,46	19722064	-98.527.977		98.527.977	50.035.397
02-02-2021	10:54:00	18.966.395	340.832.306	0.000000	0	15661762	42.457.910	113406,77	20015490	-98.477.982		98.477.982	50.004.951
02-02-2021	10:55:00	18.936.741	331.606.415	0.000000	0	15666950	42.547.246	113823,08	19255115	-98.599.121		98.599.121	49.989.597
02-02-2021	10:56:00	18.933.792	329.980.621	0.000000	0	15681823	42.322.690	113170,34	20091229	-98.460.434		98.460.434	50.016.850
02-02-2021	10:57:00	18.936.101	328.558.716	0.000000	0	15650205	42.770.713	114333,86	19128633	-98.629.166		98.629.166	49.995.625
02-02-2021	10:58:00	18.935.891	331.982.086	0.000000	0	15696224	42.604.585	113919,15	20855012	-98.365.273		98.365.273	50.000.908
02-02-2021	10:59:00	18.923.142	326.988.495	0.000000	0	15661188	42.282.188	113102,18	18950127	-98.625.252		98.625.252	50.007.069
02-02-2021	11:00:00	18.936.573	324.914.673	0.000000	0	15649355	42.671.196	114354,56	17246291	-98.881.790		98.881.790	50.076.859
02-02-2021	11:01:00	18.940.146	291.060.516	0.000000	0	15693538	42.610.005	113990,05	20437156	-98.430.511		98.430.511	49.938.053
02-02-2021	11:02:00	18.911.163	318.662.598	0.000000	0	15657846	42.178.076	113106,68	16973654	-98.892.654		98.892.654	50.045.795
02-02-2021	11:03:00	18.928.788	294.805.298	0.000000	0	15658720	42.650.874	114366,19	17265221	-98.879.601		98.879.601	50.039.993
02-02-2021	11:04:00	18.917.186	292.060.699	0.000000	0	15699021	42.407.866	113658,02	19382500	-98.576.881		98.576.881	49.958.176
02-02-2021	11:05:00	18.917.300	295.013.031	0.000000	0	15655498	42.557.773	114166,48	16724340	-98.943.985		98.943.985	49.999.699
02-02-2021	11:06:00	18.902.728	299.660.065	0.000000	0	15658871	42.384.326	114333,36	17163715	-98.878.777		98.878.777	50.033.585
02-02-2021	11:07:00	18.902.542	296.517.303	0.000000	0	15676961	42.247.842	113310,28	17811143	-98.787.010		98.787.010	50.050.537
02-02-2021	11:08:00	18.917.507	290.289.459	0.000000	0	15668459	42.022.822	112701,35	17353875	-98.835.167		98.835.167	50.040.611
02-02-2021	11:09:00	18.932.992	302.061.279	0.000000	0	15663301	42.167.188	113160,68	16680480	-98.930.977		98.930.977	50.016.529
02-02-2021	11:10:00	18.921.001	306.536.285	0.000000	0	15680946	42.402.021	113545,8	19141066	-98.608.696		98.608.696	49.953.453
02-02-2021	11:11:00	18.928.180	311.990.204	0.000000	0	15695886	42.390.830	113485,93	19946299	-98.490.311		98.490.311	49.906.265
02-02-2021	11:12:00	18.912.493	329.414.581	0.000000	0	15649338	42.279.487	113283,38	17220232	-98.864.288		98.864.288	50.050.774
02-02-2021	11:13:00	18.940.669	320.861.237	0.000000	0	15648315	42.735.493	114359,2	18287238	-98.745.445		98.745.445	50.046.158
02-02-2021	11:14:00	18.931.740	319.203.217	0.000000	0	15669698	42.703.203	114137,12	20020850	-98.496.170		98.496.170	49.998.379
02-02-2021	11:15:00	18.933.639	322.906.006	0.000000	0	15655451	42.341.406	113310,98	18406563	-98.706.169		98.706.169	50.022.026
02-02-2021	11:16:00	18.927.018	317.422.211	0.000000	0	15658951	42.531.675	113958,47	17792955	-98.802.933		98.802.933	49.995.132
02-02-2021	11:17:00	18.929.103	316.784.241	0.000000	0	15683654	42.382.646	113297,38	20385195	-98.419.594		98.419.594	49.963.375
02-02-2021	11:18:00	18.921.622	325.439.240	0.000000	0	15665457	42.403.296	113621,72	18005949	-98.767.487		98.767.487	50.099.815
02-02-2021	11:19:00	18.925.240	292.364.624	0.000000	0	15656494	42.435.415	113643,63	17961004	-98.773.979		98.773.979	50.034.241
02-02-2021	11:20:00	18.921.329	319.723.633	0.000000	0	15691182	42.024.214	112510,42	19546500	-98.524.208		98.524.208	49.990.475
02-02-2021	11:21:00	18.937.133	329.622.681	0.000000	0	15672284	42.370.732	113306,02	19652416	-98.528.946		98.528.946	50.034.588
02-02-2021	11:22:00	18.935.756	326.240.845	0.000000	0	15698564	42.600.771	113993,29	20489861	-98.422.684		98.422.684	49.975.670
02-02-2021	11:23:00	18.915.408	337.665.375	0.000000	0	15637501	42.660.801	114153,84	17768271	-98.810.196		98.810.196	50.025.379
02-02-2021	11:24:00	18.944.135	330.835.876	0.000000	0	15667586	42.286.724	113010,37	19845373	-98.492.882		98.492.882	50.014.919
02-02-2021	11:25:00	18.927.227	335.172.516	0.000000	0	15658047	42.520.835	113742,41	18905701	-98.646.606		98.646.606	50.058.311
02-02-2021	11:26:00	18.939.591	324.737.946	0.000000	0	15683151	42.523.145	113739,91	20061875	-98.479.820		98.479.820	49.974.339
02-02-2021	11:27:00	18.930.833	336.741.699	0.000000	0	15693313	42.452.993	113543,2	20506027	-98.408.005		98.408.005	50.086.399
02-02-2021	11:28:00	18.936.399	289.426.849	0.000000	0	15663231	42.247.529	113389,86	16615693	-98.943.344		98.943.344	50.030.216
02-02-2021	11:29:00	18.950.286	310.095.398	0.000000	0	15680922	42.567.104	114026,91	18982162	-98.642.525		98.642.525	49.942.616
02-02-2021	11:30:00	18.939.337	315.373.505	0.000000	0	15674609	42.371.416	113455,66	18899006	-98			

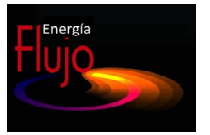
POTENCIA BRUTA Neh II TV Excel

290MW



		INTEGRADOR kW	kWh rec int	kVARh rec int	Vll avg	I avg	kW tot	kVAR tot	PF sign tot	PF lead tot	PF lag tot	Freq	
PROMEDIO		106.864			15.676.373	40.065.166	106.841	20.316.950	-98.226.683		98,23	49.979.688	
DESV EST					15861,3758	222454,195	543,04514	1834262,15	307351,694		0,30735169	49853,817	
%DESV EST					0,1012%	0,5552%	0,5083%	9,0282%	-0,3129%		0,3129%	0,0997%	
DATOS					61	61	61	61	61		61	61	
DURACIÓN	1:00:00												
Date	Time	kWh del int	kVARh del int	kWh rec int	kVARh rec int	Vll avg	I avg	kW tot	kVAR tot	PF sign tot	PF lead tot	PF lag tot	Freq
02-02-2021	12:00:00	17.811.985	305.050.140	0.000000	0	15667216	39.965.540	106931,58	18021740	-98.609.352		98.609.352	50.053.104
02-02-2021	12:01:00	17.808.800	308.459.473	0.000000	0	15680558	39.732.900	106371,26	18076965	-98.586.525		98.586.525	50.048.840
02-02-2021	12:02:00	17.818.551	295.064.575	0.000000	0	15653931	39.726.487	106300,3	17263156	-98.706.841		98.706.841	49.931.595
02-02-2021	12:03:00	17.805.313	315.081.482	0.000000	0	15653698	40.176.921	107552,09	17187592	-98.747.032		98.747.032	50.004.555
02-02-2021	12:04:00	17.801.520	305.847.290	0.000000	0	15680165	39.608.638	105954,67	18505980	-98.508.736		98.508.736	50.063.629
02-02-2021	12:05:00	17.822.650	298.430.237	0.000000	0	15664507	39.873.274	106932,53	16311755	-98.856.461		98.856.461	50.068.813
02-02-2021	12:06:00	17.816.834	276.260.864	0.000000	0	15654085	39.724.236	106356,72	16903820	-98.760.414		98.760.414	49.978.313
02-02-2021	12:07:00	17.805.179	312.709.015	0.000000	0	15669778	39.789.185	106385,01	18443727	-98.530.235		98.530.235	50.037.064
02-02-2021	12:08:00	17.816.118	308.180.206	0.000000	0	15686203	40.205.120	107572,24	18886332	-98.493.515		98.493.515	50.046.669
02-02-2021	12:09:00	17.820.148	301.241.608	0.000000	0	15674593	40.107.886	107360,84	18092070	-98.609.650		98.609.650	49.970.432
02-02-2021	12:10:00	17.817.842	314.424.011	0.000000	0	15667339	39.876.907	106676,33	18074664	-98.594.780		98.594.780	50.032.341
02-02-2021	12:11:00	17.824.872	305.185.852	0.000000	0	15683462	40.128.984	107259,17	19361529	-98.409.538		98.409.538	50.000.324
02-02-2021	12:12:00	17.809.437	308.030.273	0.000000	0	15663230	40.263.101	107853,82	17216777	-98.749.748		98.749.748	50.026.051
02-02-2021	12:13:00	17.806.597	308.193.604	0.000000	0	15691071	39.669.929	106094,81	19095006	-98.418.663		98.418.663	50.063.591
02-02-2021	12:14:00	17.816.560	293.756.805	0.000000	0	15671775	39.923.074	107144,21	16151227	-98.882.835		98.882.835	50.048.664
02-02-2021	12:15:00	17.806.815	288.892.120	0.000000	0	15675985	40.047.349	107089,35	18753217	-98.501.083		98.501.083	50.025.913
02-02-2021	12:16:00	17.805.946	320.979.156	0.000000	0	15704325	39.815.667	106253,9	20875148	-98.124.207		98.124.207	50.011.349
02-02-2021	12:17:00	17.815.304	328.158.417	0.000000	0	15683163	39.922.964	106406,53	20863270	-98.131.508		98.131.508	50.018.463
02-02-2021	12:18:00	17.799.579	345.133.636	0.000000	0	15678180	39.967.974	106430,05	21195744	-98.074.028		98.074.028	49.954.689
02-02-2021	12:19:00	17.821.244	351.956.299	0.000000	0	15677159	40.312.224	107481,41	20655119	-98.203.079		98.203.079	49.927.650
02-02-2021	12:20:00	17.811.796	352.434.143	0.000000	0	15666036	39.928.772	106451,54	20077137	-98.267.517		98.267.517	49.918.743
02-02-2021	12:21:00	17.796.389	334.245.178	0.000000	0	15701000	39.873.765	106365,75	21016516	-98.103.325		98.103.325	49.940.224
02-02-2021	12:22:00	17.817.769	336.762.970	0.000000	0	15697224	40.393.579	107580,04	22006998	-97.971.138		97.971.138	49.921.906
02-02-2021	12:23:00	17.787.505	359.441.315	0.000000	0	15682998	39.748.098	105975,01	20566111	-98.168.503		98.168.503	49.945.004
02-02-2021	12:24:00	17.823.802	350.171.021	0.000000	0	15676885	40.274.299	107208,15	21497324	-98.048.264		98.048.264	49.894.978
02-02-2021	12:25:00	17.788.252	360.298.706	0.000000	0	15666574	39.989.382	106433,01	21061861	-98.097.702		98.097.702	49.924.442
02-02-2021	12:26:00	17.804.935	358.928.192	0.000000	0	15668502	40.322.554	107349,02	21155166	-98.112.976		98.112.976	49.941.868
02-02-2021	12:27:00	17.805.438	358.389.557	0.000000	0	15659641	40.193.425	106943,09	21087625	-98.110.809		98.110.809	49.914.829
02-02-2021	12:28:00	17.789.077	367.585.419	0.000000	0	15670109	39.843.149	105931,79	21663092	-97.972.359		97.972.359	49.937.305
02-02-2021	12:29:00	17.800.123	369.378.143	0.000000	0	15681678	40.419.604	107491,8	22251979	-97.923.820		97.923.820	49.949.238
02-02-2021	12:30:00	17.815.157	364.903.595	0.000000	0	15688770	40.004.666	106286,22	22745008	-97.786.011		97.786.011	49.898.029
02-02-2021	12:31:00	17.790.558	370.076.080	0.000000	0	15703536	40.068.423	106559,68	22769936	-97.792.313		97.792.313	49.883.266
02-02-2021	12:32:00	17.813.267	345.517.059	0.000000	0	15684852	40.117.380	106957,59	20855512	-98.151.520		98.151.520	49.970.013
02-02-2021	12:33:00	17.802.391	352.503.967	0.000000	0	15688226	40.077.158	106775,91	21333100	-98.061.966		98.061.966	49.944.477
02-02-2021	12:34:00	17.829.559	344.290.924	0.000000	0	15664870	40.233.032	107061,31	21235453	-98.089.096		98.089.096	49.895.039
02-02-2021	12:35:00	17.802.263	343.611.145	0.000000	0	15658231	39.859.907	106420,14	18918473	-98.456.360		98.456.360	49.931.530
02-02-2021	12:36:00	17.815.056	340.812.592	0.000000	0	15662688	40.179.707	107291,19	19148914	-98.444.382		98.444.382	49.967.342
02-02-2021	12:37:00	17.817.671	327.222.534	0.000000	0	15644554	40.430.400	107940,45	18654170	-98.539.314		98.539.314	49.968.185
02-02-2021	12:38:00	17.808.002	336.753.571	0.000000	0	15681617	40.093.088	107022,67	20043803	-98.291.031		98.291.031	49.958.832
02-02-2021	12:39:00	17.809.124	338.660.095	0.000000	0	15699203	39.613.408	105651,63	20907217	-98.097.702		98.097.702	49.959.084
02-02-2021	12:40:00	17.823.916	323.996.277	0.000000	0	15678175	40.106.091	107099,14	19692430	-98.351.265		98.351.265	49.914.825
02-02-2021	12:41:00	17.796.047	337.442.200	0.000000	0	15684107	40.054.250	106932,56	20045074	-98.288.017		98.288.017	49.961.067
02-02-2021	12:42:00	17.825.656	332.560.913	0.000000	0	15670193	39.909.417	106446,73	19978654	-98.283.890		98.283.890	49.977.943
02-02-2021	12:43:00	17.803.525	358.838.196	0.000000	0	15694533	40.145.327	106797,06	22346740	-97.880.188		97.880.188	49.938.019
02-02-2021	12:44:00	17.815.317	362.495.728	0.000000	0	15708439	40.217.478	106908,22	23261203	-97.713.783		97.713.783	49.999.569
02-02-2021	12:45:00	17.807.280	363.026.306	0.000000	0	15687876	39.873.730	106026,04	22188982	-97.879.532		97.879.532	49.970.016
02-02-2021	12:46:00	17.827.872	362.552.704	0.000000	0	15673940	40.493.943	107733,24	21790199	-98.015.221		98.015.221	49.956.230
02-02-2021	12:47:00	17.805.659	363.936.676	0.000000	0	15656881	40.400.530	107491,16	21127373	-98.122.627		98.122.627	50.000.862
02-02-2021	12:48:00	17.815.569	374.081.635	0.000000	0	15708932	40.166.262	106720,31	23473561	-97.665.390		97.665.390	50.054.462
02-02-2021	12:49:00	17.814.552	370.875.702	0.000000	0	15643414	40.384.575	107385,2	20936447	-98.151.939		98.151.939	49.997.841
02-02-2021	12:50:00	17.824.169	362.719.452	0.000000	0	15652752	40.155.232	106971,47	20139377	-98.273.506		98.273.506	49.996.422
02-02-2021	12:51:00	17.807.987	359.251.129	0.000000	0	15667915	40.045.129	106912,53	19394223	-98.394.180		98.394.180	50.035.347
02-02-2021	12:52:00	17.827.316	340.231.384	0.000000	0	15682835	40.228.674	106782,83	23123021	-97.734.825		97.734.825	49.929.623
02-02-2021	12:53:00	17.796.830	374.497.742	0.000000	0	15670473	40.113.774	106510,65	22477369	-97.844.955		97.844.955	49.983.971
02-02-2021	12:54:00	17.813.030	369.099.335	0.000000	0	15680706	40.381.755	107479,19	21752340	-98.012.825		98.012.825	50.014.660
02-02-2021	12:55:00	17.797.236	365.028.717	0.000000	0	15663762	40.137.566	106896,07	20663674	-98.182.419		98.182.419	50.034.317
02-02-2021	12:56:00	17.818.505	359.061.615	0.000000	0	15681291	40.010.198	106311,34	22428461	-97.846.230		97.846.230	49.970.757
02-02-2021	12:57:00	17.804.006	358.941.132	0.000000	0	15659676	40.294.529	107385,13	20261879	-98.266.075		98.266.075	50.006.294
02-02-2021	12:58:00	17.829.447	364.217.529	0.000000	0	15714539	39.866.721	106028,41	22998541	-97.727.402		97.727.402	49.979.771
02-02-2021	12:59:00	17.811.538	357.641.907	0.000000	0	15671692	40.405.754	107454,21	21891693	-97.987.144		97.987.144	50.001.358
02-02-2021	13:00:00	17.809.269	358.245.850	0.000000	0	15678977	40.082.058	106899,26	20432494	-98.221.893		98.221.893	50.0

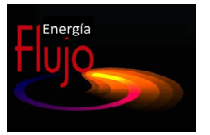
POTENCIA BRUTA Neh II TV Excel 255MW



		INTEGRADOR kW	kWh rec int	kVARh rec int	Vll avg	I avg	kW tot	kVAR tot	PF sign tot	PF lead tot	PF lag tot	Freq	
PROMEDIO		97.118			15.676.001	36.358.550	97.080	17.789.979	-98.354.751		98,35	50.009.528	
DESV EST					14739,6094	241030,881	596886,388	1292376,42	231765,268		0,02317653	49509,1754	
%DESV EST					0,0940%	0,6629%	614,8386%	7,2646%	-0,2356%		0,0236%	0,0990%	
DATOS					31	31	31	31	31		31	31	
DURACIÓN	0:30:00												
Date	Time	kWh del int	kVARh del int	kWh rec int	kVARh rec int	Vll avg	I avg	kW tot	kVAR tot	PF sign tot	PF lead tot	PF lag tot	Freq
02-02-2021	15:30:00	16.308.754	318.743.622	0.000000	0	15679577	36.726.128	97979211	18579088	-98.249.237		98.249.237	50.006.535
02-02-2021	15:31:00	16.298.004	314.353.973	0.000000	0	15666021	36.477.986	97176008	18733109	-98.192.123		98.192.123	49.962.803
02-02-2021	15:32:00	16.268.451	296.511.780	0.000000	0	15657350	36.436.267	97462305	16190128	-98.648.170		98.648.170	50.038.219
02-02-2021	15:33:00	16.248.749	306.170.166	0.000000	0	15687777	36.774.055	97881359	20004139	-97.974.846		97.974.846	49.987.823
02-02-2021	15:34:00	16.220.897	320.083.160	0.000000	0	15663347	36.645.076	97667828	18475480	-98.257.431		98.257.431	50.000.542
02-02-2021	15:35:00	16.217.915	314.717.834	0.000000	0	15686005	36.442.830	97075945	19406902	-98.059.677		98.059.677	49.969.334
02-02-2021	15:36:00	16.215.043	323.735.199	0.000000	0	15653835	36.386.567	96849070	18713674	-98.183.899		98.183.899	49.969.170
02-02-2021	15:37:00	16.203.483	324.939.606	0.000000	0	15680026	36.375.518	96886297	19230309	-98.086.571		98.086.571	49.929.375
02-02-2021	15:38:00	16.188.115	308.807.556	0.000000	0	15665493	36.601.995	97537711	18616217	-98.226.891		98.226.891	49.950.317
02-02-2021	15:39:00	16.186.547	320.255.310	0.000000	0	15703320	36.332.563	96701141	20287635	-97.869.339		97.869.339	49.935.802
02-02-2021	15:40:00	16.174.838	318.120.209	0.000000	0	15684946	36.607.542	97535375	19354465	-98.087.471		98.087.471	49.931.496
02-02-2021	15:41:00	16.163.165	316.105.865	0.000000	0	15682789	36.569.473	97488836	18986230	-98.155.861		98.155.861	49.941.849
02-02-2021	15:42:00	16.173.859	316.656.067	0.000000	0	15663741	36.241.519	96647797	18004947	-98.308.617		98.308.617	49.954.193
02-02-2021	15:43:00	16.175.061	289.018.372	0.000000	0	15672604	36.410.574	97229320	17691422	-98.384.613		98.384.613	49.955.791
02-02-2021	15:44:00	16.164.946	292.703.857	0.000000	0	15702904	35.929.568	95935125	18528359	-98.185.562		98.185.562	50.003.559
02-02-2021	15:45:00	16.163.480	290.194.366	0.000000	0	15668472	35.951.663	96053719	17043264	-98.462.067		98.462.067	50.023.170
02-02-2021	15:46:00	16.171.271	291.948.273	0.000000	0	15665035	36.332.920	97108852	16890135	-98.520.897		98.520.897	50.055.691
02-02-2021	15:47:00	16.179.692	294.865.356	0.000000	0	15687188	36.435.857	97468766	17263576	-98.467.407		98.467.407	50.045.612
02-02-2021	15:48:00	16.172.880	288.956.543	0.000000	0	15682060	36.536.670	97611359	17831990	-98.371.971		98.371.971	50.065.819
02-02-2021	15:49:00	16.175.466	297.744.720	0.000000	0	15657591	36.161.296	96698359	16252051	-98.616.867		98.616.867	50.085.205
02-02-2021	15:50:00	16.181.892	288.282.318	0.000000	0	15665407	36.660.203	97946695	17267279	-98.481.354		98.481.354	50.004.662
02-02-2021	15:51:00	16.166.875	293.686.615	0.000000	0	15688600	36.030.935	96230203	17975811	-98.299.660		98.299.660	50.056.538
02-02-2021	15:52:00	16.165.062	299.467.529	0.000000	0	15668668	36.393.208	97354672	16556061	-98.584.618		98.584.618	50.060.955
02-02-2021	15:53:00	16.179.139	292.195.862	0.000000	0	15693932	36.167.090	96638070	17984641	-98.312.004		98.312.004	50.013.020
02-02-2021	15:54:00	16.166.183	289.812.775	0.000000	0	15664128	36.400.051	97410313	16166345	-98.650.650		98.650.650	50.045.448
02-02-2021	15:55:00	16.160.302	288.016.815	0.000000	0	15653987	36.027.397	96300922	16287640	-98.599.678		98.599.678	50.000.786
02-02-2021	15:56:00	16.173.069	288.885.742	0.000000	0	15666977	36.048.025	96564547	15528255	-98.731.606		98.731.606	50.049.110
02-02-2021	15:57:00	16.163.534	273.749.054	0.000000	0	15678118	36.488.516	97697852	16437941	-98.613.907		98.613.907	50.023.018
02-02-2021	15:58:00	16.155.212	274.367.828	0.000000	0	15684891	35.977.520	96315492	16543250	-98.556.763		98.556.763	50.086.590
02-02-2021	15:59:00	16.163.464	268.373.016	0.000000	0	15671366	36.489.995	97745789	15910800	-98.700.935		98.700.935	50.088.371
02-02-2021	16:00:00	16.152.250	272.943.207	0.000000	0	15709862	36.056.040	96286430	18748213	-98.156.601		98.156.601	50.054.550

POTENCIA BRUTA Neh II TV Excel

225MW

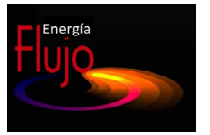


	INTEGRADOR kW	kWh rec int	kVARh rec int	Vll avg	I avg	kW tot	kVAR tot	PF sign tot	PF lead tot	PF lag tot	Freq
PROMEDIO	93.580			15.682.428	34.936.996	93.619	15.392.682	-98.667.999		98,67	50.040.897
DESV EST				17927,9292	184886,712	481247,951	1200127,89	207229,017		0,20722902	72619,4747
%DESV EST				0,1143%	0,5292%	514,0491%	7,7967%	-0,2100%		0,2100%	0,1451%
DATOS				61	61	61	61	61		61	61

DURACIÓN	1:00:00												
Date	Time	kWh del int	kVARh del int	kWh rec int	kVARh rec int	Vll avg	I avg	kW tot	kVAR tot	PF sign tot	PF lead tot	PF lag tot	Freq
02-02-2021	16:30:00	15.584.099	274.484.863	0.000000	0	15654641	35.164.641	94109461	15223466	-98.716.759		98.716.759	49.946.461
02-02-2021	16:31:00	15.570.867	270.492.615	0.000000	0	15677362	34.805.493	93080031	16297442	-98.501.534		98.501.534	49.933.502
02-02-2021	16:32:00	15.579.884	284.167.358	0.000000	0	15683514	34.807.251	93118945	16318763	-98.498.924		98.498.924	50.001.801
02-02-2021	16:33:00	15.584.974	268.230.225	0.000000	0	15678994	35.237.244	94194563	16784168	-98.449.310		98.449.310	49.937.881
02-02-2021	16:34:00	15.578.730	279.354.187	0.000000	0	15694000	35.201.211	94107133	17241480	-98.362.785		98.362.785	50.023.396
02-02-2021	16:35:00	15.585.850	268.250.488	0.000000	0	15710780	35.185.190	93923938	18511652	-98.112.549		98.112.549	49.962.227
02-02-2021	16:36:00	15.587.842	274.176.392	0.000000	0	15709104	34.788.113	92986648	17607482	-98.254.051		98.254.051	49.993.519
02-02-2021	16:37:00	15.596.628	271.830.200	0.000000	0	15693260	35.048.511	93764992	16769635	-98.438.049		98.438.049	49.961.544
02-02-2021	16:38:00	15.565.398	270.618.927	0.000000	0	15719780	35.091.616	93662047	18804064	-98.043.617		98.043.617	50.000.847
02-02-2021	16:39:00	15.593.362	258.564.117	0.000000	0	15684226	34.774.924	93055633	16198755	-98.518.463		98.518.463	49.952.988
02-02-2021	16:40:00	15.573.479	264.654.510	0.000000	0	15681744	34.925.703	93564531	15562159	-98.644.844		98.644.844	49.958.950
02-02-2021	16:41:00	15.588.868	264.461.456	0.000000	0	15686406	34.636.736	92782047	15643670	-98.608.192		98.608.192	49.987.873
02-02-2021	16:42:00	15.586.582	263.575.348	0.000000	0	15716349	34.885.730	93339742	17406211	-98.305.290		98.305.290	49.975.765
02-02-2021	16:43:00	15.580.482	266.500.732	0.000000	0	15680067	35.137.427	94053242	16052639	-98.574.554		98.574.554	50.000.568
02-02-2021	16:44:00	15.584.794	256.281.647	0.000000	0	15715851	35.095.530	93913453	17425201	-98.321.854		98.321.854	49.971.401
02-02-2021	16:45:00	15.585.491	264.812.103	0.000000	0	15671919	35.159.209	94235875	15000325	-98.756.691		98.756.691	49.989.685
02-02-2021	16:46:00	15.578.522	267.830.475	0.000000	0	15642644	35.111.304	94126094	13673138	-98.961.327		98.961.327	49.988.640
02-02-2021	16:47:00	15.589.347	270.386.841	0.000000	0	15650054	34.784.285	93105406	14792888	-98.761.208		98.761.208	49.984.798
02-02-2021	16:48:00	15.592.660	258.220.886	0.000000	0	15659284	35.136.428	94122219	14831681	-98.781.097		98.781.097	50.012.177
02-02-2021	16:49:00	15.575.084	256.611.633	0.000000	0	15679877	34.626.084	92758000	15372522	-98.654.381		98.654.381	49.997.658
02-02-2021	16:50:00	15.603.162	248.327.927	0.000000	0	15664962	34.763.049	93212320	14316521	-98.840.965		98.840.965	49.969.227
02-02-2021	16:51:00	15.576.508	254.340.302	0.000000	0	15702409	34.958.362	93758891	15684123	-98.629.539		98.629.539	50.034.988
02-02-2021	16:52:00	15.593.644	232.594.040	0.000000	0	15689912	34.784.932	93385625	14567348	-98.805.099		98.805.099	49.961.014
02-02-2021	16:53:00	15.594.762	247.541.489	0.000000	0	15685344	34.662.407	93020234	14568446	-98.795.685		98.795.685	49.973.038
02-02-2021	16:54:00	15.593.989	250.115.448	0.000000	0	15680817	35.133.604	94314719	14398515	-98.854.660		98.854.660	49.999.275
02-02-2021	16:55:00	15.591.229	235.802.948	0.000000	0	15678510	34.836.069	93516195	14175022	-98.870.628		98.870.628	49.939.838
02-02-2021	16:56:00	15.593.456	246.039.017	0.000000	0	15690665	34.700.754	93035438	15339553	-98.667.854		98.667.854	49.993.183
02-02-2021	16:57:00	15.594.199	246.715.408	0.000000	0	15694653	35.162.803	94200781	16120913	-98.567.062		98.567.062	49.937.183
02-02-2021	16:58:00	15.579.576	241.747.177	0.000000	0	15683355	34.988.115	93912750	14512933	-98.826.897		98.826.897	49.963.093
02-02-2021	16:59:00	15.595.715	242.195.557	0.000000	0	15672764	34.744.150	93231922	14161970	-98.865.898		98.865.898	49.978.897
02-02-2021	17:00:00	15.572.499	247.165.024	0.000000	0	15668050	34.892.095	93738750	13272364	-99.012.451		99.012.451	50.085.583
02-02-2021	17:01:00	15.606.024	235.053.848	0.000000	0	15720393	35.099.937	94015242	17094869	-98.386.772		98.386.772	50.016.376
02-02-2021	17:02:00	15.596.920	248.480.759	0.000000	0	15651642	34.700.815	93032453	13844725	-98.910.751		98.910.751	49.981.407
02-02-2021	17:03:00	15.601.404	258.207.275	0.000000	0	15663110	34.838.157	93450883	14030971	-98.891.563		98.891.563	50.054.718
02-02-2021	17:04:00	15.597.118	254.052.567	0.000000	0	15692085	34.981.580	93783672	15543696	-98.654.175		98.654.175	50.057.159
02-02-2021	17:05:00	15.602.917	249.100.006	0.000000	0	15679667	34.656.033	92938102	14769620	-98.760.666		98.760.666	50.099.739
02-02-2021	17:06:00	15.606.420	254.703.979	0.000000	0	15672297	34.945.947	93724172	14546754	-98.816.872		98.816.872	50.142.559
02-02-2021	17:07:00	15.603.866	249.880.203	0.000000	0	15699124	35.088.069	93955023	16512492	-98.490.494		98.490.494	50.130.169
02-02-2021	17:08:00	15.610.244	255.199.600	0.000000	0	15672771	34.665.325	92966344	14483211	-98.808.128		98.808.128	50.125.946
02-02-2021	17:09:00	15.611.985	247.998.322	0.000000	0	15687044	34.996.860	93879813	15019439	-98.744.278		98.744.278	50.058.105
02-02-2021	17:10:00	15.591.516	257.640.533	0.000000	0	15689990	34.948.923	93724164	15278466	-98.697.212		98.697.212	50.110.931
02-02-2021	17:11:00	15.608.329	251.491.409	0.000000	0	15662209	34.644.038	92844688	14476943	-98.806.076		98.806.076	50.073.761
02-02-2021	17:12:00	15.608.490	254.886.063	0.000000	0	15650609	34.800.161	93310398	13761707	-98.929.863		98.929.863	50.092.030
02-02-2021	17:13:00	15.607.476	256.453.796	0.000000	0	15684236	35.117.925	94079531	15731113	-98.630.676		98.630.676	50.085.072
02-02-2021	17:14:00	15.604.353	257.118.469	0.000000	0	15684207	35.003.660	93731797	15928762	-98.586.563		98.586.563	50.093.773
02-02-2021	17:15:00	15.621.354	256.447.937	0.000000	0	15681221	35.066.213	94006953	15191443	-98.719.315		98.719.315	50.107.475
02-02-2021	17:16:00	15.602.404	249.256.744	0.000000	0	15685058	34.914.448	93612578	15195604	-98.708.015		98.708.015	50.092.720
02-02-2021	17:17:00	15.621.207	257.971.466	0.000000	0	15682500	34.741.509	93088297	15387473	-98.661.171		98.661.171	50.086.353
02-02-2021	17:18:00	15.612.863	248.540.161	0.000000	0	15682463	35.139.558	94193742	15334497	-98.700.623		98.700.623	50.115.372
02-02-2021	17:19:00	15.594.711	264.354.706	0.000000	0	15651901	35.224.883	94460852	13904265	-98.933.960		98.933.960	50.187.592
02-02-2021	17:20:00	15.596.086	242.301.361	0.000000	0	15685374	34.973.442	93671039	15833759	-98.601.250		98.601.250	50.174.179
02-02-2021	17:21:00	15.597.322	246.745.972	0.000000	0	15704998	34.581.333	92696570	15911257	-98.558.609		98.558.609	50.145.164
02-02-2021	17:22:00	15.575.940	250.089.264	0.000000	0	15676074	34.999.038	93969992	14038412	-98.902.435		98.902.435	50.156.036
02-02-2021	17:23:00	15.591.218	265.841.553	0.000000	0	15679911	34.780.154	93230578	15072471	-98.718.231		98.718.231	50.126.324
02-02-2021	17:24:00	15.607.675	261.406.342	0.000000	0	15685464	34.927.100	93569086	15688093	-98.623.405		98.623.405	50.171.810
02-02-2021	17:25:00	15.623.839	250.095.749	0.000000	0	15706358	35.162.288	94186219	16618111	-98.478.889		98.478.889	50.135.174
02-02-2021	17:26:00	15.624.207	251.502.289	0.000000	0	15678168	35.116.929	94321125	13939930	-98.925.446		98.925.446	50.099.110
02-02-2021	17:27:00	15.616.145	253.662.720	0.000000	0	15678143	35.152.966	94301375	14718884	-98.803.711		98.803.711	50.113.701
02-02-2021	17:28:00	15.630.225	251.636.871	0.000000	0	15707208	34.771.140	93258844	15764264	-98.601.219		98.601.219	50.115.921
02-02-2021	17:29:00	15.635.625	244.649.902	0.000000	0	15653476	35.058.647	93977219	14156278	-98.884.399		98.884.399	50.043.751
02-02-2021	17:30:00	15.623.287	250.048.111	0.000000	0	15679112	34.830.732	93449742	14541059	-98.810.936		98.810.936	50.085.293

POTENCIA BRUTA Neh II TV Excel

195MW



	INTEGRADOR kW	kWh rec int	kVARh rec int	Vll avg	I avg	kW tot	kVAR tot	PF sign tot	PF lead tot	PF lag tot	Freq
PROMEDIO	86.403			15.681.527	32.058.103	86.372	31.892.328	-99.212.175		99,21	50.030.950
DESV EST				16143,9877	154592,153	395723,471	36442518,9	142774,273		0,14277427	55094,5477
%DESV EST				0,1029%	0,4822%	458,1620%	114,2674%	-0,1439%		0,1439%	0,1101%
DATOS				61	61	61	61	61		61	61

DURACIÓN	1:00:00												
Date	Time	kWh del int	kVARh del int	kWh rec int	kVARh rec int	Vll avg	I avg	kW tot	kVAR tot	PF sign tot	PF lead tot	PF lag tot	Freq
02-02-2021	18:00:00	14.400.823	191.516.235	0.000000	0	15681935	32.060.801	86237984	11995462	-99.046.417		99.046.417	49.949.547
02-02-2021	18:01:00	14.394.623	200.252.747	0.000000	0	15661186	32.255.439	86832039	10634030	-99.258.430		99.258.430	49.921.143
02-02-2021	18:02:00	14.395.726	195.234.039	0.000000	0	15694640	32.184.053	86634234	12083381	-99.041.290		99.041.290	49.902.523
02-02-2021	18:03:00	14.403.385	191.283.676	0.000000	0	15702157	31.933.740	85831398	13155720	-98.845.657		98.845.657	49.930.473
02-02-2021	18:04:00	14.403.307	188.264.954	0.000000	0	15669643	31.981.106	86235586	97.389.668	-99.368.324		99.368.324	49.965.199
02-02-2021	18:05:00	14.409.501	177.973.099	0.000000	0	15679745	31.919.131	85991445	10846603	-99.213.860		99.213.860	49.955.437
02-02-2021	18:06:00	14.422.169	185.322.678	0.000000	0	15691635	32.182.659	86698711	11457333	-99.138.077		99.138.077	49.939.690
02-02-2021	18:07:00	14.420.217	182.235.550	0.000000	0	15685051	32.232.585	86767703	11690064	-99.104.584		99.104.584	49.931.816
02-02-2021	18:08:00	14.410.105	191.790.619	0.000000	0	15696604	31.747.246	85627133	10730602	-99.223.900		99.223.900	50.059.517
02-02-2021	18:09:00	14.437.294	172.818.939	0.000000	0	15680122	32.236.411	86770969	11537376	-99.127.586		99.127.586	49.978.909
02-02-2021	18:10:00	14.410.129	183.921.341	0.000000	0	15663945	32.292.639	87060898	96.725.684	-99.388.481		99.388.481	50.021.637
02-02-2021	18:11:00	14.413.210	180.866.547	0.000000	0	15700979	32.055.520	86407945	11409964	-99.139.412		99.139.412	50.061.996
02-02-2021	18:12:00	14.432.826	171.775.604	0.000000	0	15696060	31.690.249	85424313	11071415	-99.170.563		99.170.563	49.970.894
02-02-2021	18:13:00	14.433.739	173.782.501	0.000000	0	15659084	32.260.410	86996109	92.151.426	-99.443.665		99.443.665	49.969.486
02-02-2021	18:14:00	14.417.534	174.232.986	0.000000	0	15656827	32.119.553	86654383	86.752.695	-99.502.602		99.502.602	49.946.171
02-02-2021	18:15:00	14.426.000	173.138.458	0.000000	0	15689397	31.870.313	85870461	11147357	-99.167.892		99.167.892	49.963.181
02-02-2021	18:16:00	14.425.952	173.440.292	0.000000	0	15660828	32.410.623	87240602	10748234	-99.249.596		99.249.596	50.001.575
02-02-2021	18:17:00	14.418.903	195.700.439	0.000000	0	15691476	32.368.779	87076156	12423113	-98.997.551		98.997.551	50.075.142
02-02-2021	18:18:00	14.426.453	185.582.886	0.000000	0	15675018	32.116.890	86524492	10687583	-99.245.750		99.245.750	50.060.753
02-02-2021	18:19:00	14.420.447	190.731.506	0.000000	0	15690461	32.008.123	86232750	11314022	-99.150.238		99.150.238	50.086.632
02-02-2021	18:20:00	14.427.729	188.735.626	0.000000	0	15670586	32.126.460	86421273	11498397	-99.126.457		99.126.457	50.073.601
02-02-2021	18:21:00	14.424.199	191.866.577	0.000000	0	15671635	32.179.915	86659727	10833396	-99.227.654		99.227.654	50.081.200
02-02-2021	18:22:00	14.421.863	180.382.446	0.000000	0	15683050	32.203.313	86757406	11072112	-99.195.450		99.195.450	50.042.435
02-02-2021	18:23:00	14.401.074	188.904.770	0.000000	0	15678204	32.204.485	86729023	11107395	-99.189.857		99.189.857	50.080.208
02-02-2021	18:24:00	14.407.711	186.918.030	0.000000	0	15697106	32.049.595	86397320	11215027	-99.167.999		99.167.999	50.112.206
02-02-2021	18:25:00	14.411.162	182.815.247	0.000000	0	15699022	32.131.572	86410930	12807189	-98.919.418		98.919.418	50.051.460
02-02-2021	18:26:00	14.399.641	193.918.671	0.000000	0	15685516	31.864.666	85909625	10541452	-99.255.585		99.255.585	50.073.025
02-02-2021	18:27:00	14.397.126	186.043.579	0.000000	0	15659157	31.953.396	86070109	99.967.168	-99.332.253		99.332.253	50.062.214
02-02-2021	18:28:00	14.392.616	187.350.876	0.000000	0	15679818	32.016.982	86219398	11151108	-99.173.981		99.173.981	50.109.043
02-02-2021	18:29:00	14.408.379	186.577.789	0.000000	0	15683284	32.066.326	86315875	11584495	-99.111.366		99.111.366	50.031.689
02-02-2021	18:30:00	14.394.801	188.790.665	0.000000	0	15683868	32.194.663	86755555	10934658	-99.215.034		99.215.034	50.051.773
02-02-2021	18:31:00	14.387.518	181.533.386	0.000000	0	15683860	32.219.880	86864906	10612180	-99.261.993		99.261.993	50.080.803
02-02-2021	18:32:00	14.399.215	170.565.933	0.000000	0	15705144	32.165.452	86653188	12008191	-99.053.421		99.053.421	50.035.015
02-02-2021	18:33:00	14.392.117	180.607.315	0.000000	0	15681758	32.191.182	86775883	10593119	-99.263.115		99.263.115	50.087.673
02-02-2021	18:34:00	14.404.430	172.744.293	0.000000	0	15657136	32.102.300	86520836	95.165.508	-99.400.528		99.400.528	50.015.591
02-02-2021	18:35:00	14.389.968	178.837.494	0.000000	0	15676553	32.068.792	86418133	10547301	-99.263.412		99.263.412	50.057.312
02-02-2021	18:36:00	14.390.765	173.035.782	0.000000	0	15694478	32.024.888	86302891	11300812	-99.153.557		99.153.557	50.048.172
02-02-2021	18:37:00	14.388.104	176.498.550	0.000000	0	15693388	32.050.181	86328461	11583085	-99.111.832		99.111.832	50.042.557
02-02-2021	18:38:00	14.388.662	173.687.958	0.000000	0	15637085	32.072.729	86433031	85.135.898	-99.518.394		99.518.394	50.065.304
02-02-2021	18:39:00	14.392.043	183.417.816	0.000000	0	15695808	32.016.494	86322047	11029222	-99.193.626		99.193.626	50.087.399
02-02-2021	18:40:00	14.391.232	172.870.468	0.000000	0	15713082	31.940.388	85991539	12618866	-98.940.369		98.940.369	50.072.918
02-02-2021	18:41:00	14.385.388	181.058.273	0.000000	0	15695931	31.966.211	86043875	12078107	-99.029.114		99.029.114	50.089.214
02-02-2021	18:42:00	14.391.669	184.264.511	0.000000	0	15668521	32.039.937	86365156	99.552.207	-99.342.201		99.342.201	50.059.887
02-02-2021	18:43:00	14.394.969	175.483.948	0.000000	0	15666745	32.072.024	86455945	98.365.605	-99.358.978		99.358.978	50.032.322
02-02-2021	18:44:00	14.393.379	184.683.426	0.000000	0	15660577	32.064.617	86385234	99.743.789	-99.339.996		99.339.996	50.060.661
02-02-2021	18:45:00	14.388.157	179.513.031	0.000000	0	15699177	32.052.231	86334047	11828232	-99.074.486		99.074.486	50.077.522
02-02-2021	18:46:00	14.391.613	182.228.760	0.000000	0	15670801	32.223.655	86741398	11091644	-99.192.352		99.192.352	50.094.383
02-02-2021	18:47:00	14.387.379	178.138.092	0.000000	0	15702411	32.085.254	86388453	12210024	-99.015.892		99.015.892	50.061.020
02-02-2021	18:48:00	14.384.572	186.304.688	0.000000	0	15674176	31.850.723	85788320	10710721	-99.229.614		99.229.614	50.114.731
02-02-2021	18:49:00	14.390.322	189.673.721	0.000000	0	15670412	32.024.666	86175617	11241077	-99.159.927		99.159.927	50.096.588
02-02-2021	18:50:00	14.392.844	179.081.787	0.000000	0	15671478	31.879.448	85942195	99.541.719	-99.335.915		99.335.915	50.078.789
02-02-2021	18:51:00	14.400.132	178.442.673	0.000000	0	15678576	32.053.674	86381719	10600229	-99.255.463		99.255.463	50.037.113
02-02-2021	18:52:00	14.399.276	176.772.385	0.000000	0	15659797	32.144.219	86638820	96.148.223	-99.389.847		99.389.847	50.000.423
02-02-2021	18:53:00	14.383.146	172.790.649	0.000000	0	15677976	32.183.149	86834938	97.262.705	-99.378.540		99.378.540	50.060.562
02-02-2021	18:54:00	14.383.011	175.427.414	0.000000	0	15716365	31.950.728	86140570	11899094	-99.059.364		99.059.364	50.021.618
02-02-2021	18:55:00	14.381.451	168.568.375	0.000000	0	15663998	31.864.048	85900367	95.903.105	-99.382.538		99.382.538	50.025.116
02-02-2021	18:56:00	14.382.222	179.245.300	0.000000	0	15693290	32.068.452	86451375	11023768	-99.196.793		99.196.793	50.012.253
02-02-2021	18:57:00	14.369.457	159.081.009	0.000000	0	15662528	31.806.743	85845242	85.591.699	-99.506.622		99.506.622	49.997.822
02-02-2021	18:58:00	14.370.872	164.781.403	0.000000	0	15688528	31.680.061	85460883	10217085	-99.292.931		99.292.931	49.982.742
02-02-2021	18:59:00	14.362.852	161.994.766	0.000000	0	15707116	31.919.167	86142656	10841689	-99.217.285		99.217.285	49.995.003
02-02-2021	19:00:00	14.368.918	156.914.200	0.000000	0	15688410	31.845.374	85900172	10322960	-99.285.637		99.2	

Potencia Neta TG 2 Neh_195MW



2/2/2021 5:59:00 PM - 2/2/2021 7:00:00 PM (Server Local)

PROMEDIO	36.602,52	36.618,50	37.427,43	110.622,18	-91,93	-92,35	-92,25	-92,20	-14.372,19	-14.013,46	-14.410,46	-42.796,11	-33.647,19	-33.817,81	-34.526,06	101.991,07
DESVEST	204,53	200,85	192,21	593,44	0,68	0,68	0,66	0,67	643,33	660,19	652,80	1954,99	139,02	135,90	146,29	414,31
%DESVEST	0,5588%	0,5485%	0,5136%	0,5365%	-0,7346%	-0,7335%	-0,7188%	-0,7280%	-4,4762%	-4,7111%	-4,5300%	-4,5682%	-0,4132%	-0,4019%	-0,4237%	0,4062%
DATOS	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
Timestamp	NEH_Gx.CT_NEH_2T G Apparent Power A (kVA)	NEH_Gx.CT_NEH_2T G Apparent Power B (kVA)	NEH_Gx.CT_NEH_2T G Apparent Power C (kVA)	NEH_Gx.CT_NEH_2T G Apparent Power (kVA)	NEH_Gx.CT_NEH_2T G Power Factor A (%)	NEH_Gx.CT_NEH_2T G Power Factor B (%)	NEH_Gx.CT_NEH_2T G Power Factor C (%)	NEH_Gx.CT_NEH_2T G Power Factor (%)	NEH_Gx.CT_NEH_2T G Reactive Power A (kVAr)	NEH_Gx.CT_NEH_2T G Reactive Power B (kVAr)	NEH_Gx.CT_NEH_2T G Reactive Power C (kVAr)	NEH_Gx.CT_NEH_2T G Reactive Power (kVAr)	NEH_Gx.CT_NEH_2T G Real Power A (kW)	NEH_Gx.CT_NEH_2T G Real Power B (kW)	NEH_Gx.CT_NEH_2T G Real Power C (kW)	NEH_Gx.CT_NEH_2T G Real Power (kW)
2/2/2021 6:00:00 PM	36.727,30	36.787,89	37.547,61	111.036,96	-91,51	-91,92	-91,78	-91,76	-14.790,34	-14.469,10	-14.883,52	-44.142,95	-33.607,66	-33.815,82	-34.461,78	-101.885,25
2/2/2021 6:01:00 PM	36.757,44	36.809,86	37.549,98	111.090,77	-91,39	-91,77	-91,65	-91,63	-14.899,15	-14.606,46	-14.996,18	-44.501,79	-33.592,41	-33.780,34	-34.415,02	-101.787,77
2/2/2021 6:02:00 PM	36.997,69	37.023,79	37.853,86	111.848,95	-91,15	-91,64	-91,52	-91,46	-15.191,35	-14.801,39	-15.228,64	-45.221,37	-33.725,09	-33.928,94	-34.645,61	-102.299,64
2/2/2021 6:03:00 PM	36.808,63	36.829,06	37.591,71	111.201,35	-91,27	-91,65	-91,56	-91,52	-15.017,88	-14.713,12	-15.087,24	-44.818,24	-33.595,06	-33.754,14	-34.420,46	-101.769,66
2/2/2021 6:04:00 PM	36.522,66	36.590,62	37.368,32	110.454,52	-92,00	-92,42	-92,28	-92,26	-14.292,27	-13.952,73	-14.368,83	-42.613,82	-33.599,54	-33.818,49	-34.485,17	-101.903,20
2/2/2021 6:05:00 PM	36.663,89	36.819,54	37.534,72	110.992,10	-91,35	-91,80	-91,55	-91,59	-14.892,15	-14.583,80	-15.079,51	-44.555,46	-33.493,36	-33.800,65	-34.362,56	-101.656,57
2/2/2021 6:06:00 PM	36.780,17	36.818,43	37.630,59	111.200,87	-90,61	-91,10	-90,97	-90,92	-15.536,40	-15.166,86	-15.603,34	-46.306,60	-33.326,77	-33.541,21	-34.232,64	-101.100,61
2/2/2021 6:07:00 PM	36.879,89	36.913,45	37.706,62	111.472,50	-91,28	-91,71	-91,60	-91,55	-15.041,69	-14.697,15	-15.104,96	-44.843,80	-33.662,48	-33.853,89	-34.538,27	-102.054,65
2/2/2021 6:08:00 PM	36.646,55	36.704,68	37.485,23	110.808,77	-91,86	-92,30	-92,14	-92,12	-14.455,32	-14.107,80	-14.538,86	-43.101,97	-33.664,62	-33.877,33	-34.540,39	-102.082,35
2/2/2021 6:09:00 PM	36.569,01	36.607,70	37.387,24	110.537,20	-91,97	-92,38	-92,25	-92,22	-14.334,74	-14.002,31	-14.402,66	-42.739,70	-33.632,17	-33.816,42	-34.491,55	-101.940,14
2/2/2021 6:10:00 PM	36.533,31	36.528,58	37.337,88	110.372,50	-91,51	-91,93	-91,86	-91,79	-14.708,04	-14.356,33	-14.731,44	-43.795,81	-33.431,61	-33.581,73	-34.298,14	-101.311,48
2/2/2021 6:11:00 PM	36.295,07	36.311,88	37.127,32	109.708,14	-92,94	-93,35	-93,24	-93,20	-13.969,62	-13.003,72	-13.396,14	-39.769,47	-33.733,34	-33.896,13	-34.216,64	-102.246,10
2/2/2021 6:12:00 PM	36.465,42	36.515,54	37.328,21	110.282,38	-91,99	-92,45	-92,30	-92,27	-14.274,76	-13.897,16	-14.343,02	-42.514,93	-33.545,35	-33.760,02	-34.452,59	-101.757,96
2/2/2021 6:13:00 PM	36.408,26	36.458,45	37.247,71	110.086,09	-92,46	-92,88	-92,73	-92,71	-13.847,48	-13.490,25	-13.913,25	-41.250,98	-33.661,54	-33.862,74	-34.540,93	-102.065,20
2/2/2021 6:14:00 PM	36.814,34	36.864,42	37.661,95	111.312,54	-90,94	-91,41	-91,28	-91,23	-15.288,22	-14.930,72	-15.358,23	-45.577,17	-33.479,07	-33.697,42	-34.377,45	-101.553,95
2/2/2021 6:15:00 PM	36.805,48	36.838,14	37.649,93	111.266,43	-91,73	-92,19	-92,06	-92,02	-14.629,64	-14.252,88	-14.676,50	-43.559,03	-33.762,90	-33.961,27	-34.661,53	-102.385,70
2/2/2021 6:16:00 PM	36.554,74	36.596,34	37.369,15	110.491,31	-91,25	-91,66	-91,55	-91,51	-14.610,27	-14.931,49	-15.011,56	-44.553,31	-33.354,71	-33.545,36	-34.210,42	-101.110,50
2/2/2021 6:17:00 PM	36.303,77	36.340,24	37.157,50	109.775,48	-93,04	-93,48	-93,33	-93,31	-13.278,92	-12.891,53	-13.317,09	-39.487,53	-33.778,33	-33.969,92	-34.679,24	-102.427,49
2/2/2021 6:18:00 PM	36.585,00	36.607,34	37.369,50	110.535,74	-91,78	-92,15	-92,06	-92,02	-14.504,56	-14.199,73	-14.570,54	-43.274,84	-33.576,76	-33.734,14	-34.401,63	-101.712,54
2/2/2021 6:19:00 PM	36.794,05	36.771,70	37.520,40	111.061,11	-91,58	-91,89	-91,87	-91,80	-14.757,80	-14.486,69	-14.794,09	-44.038,58	-33.695,28	-33.790,66	-34.470,79	-101.956,73
2/2/2021 6:20:00 PM	36.587,84	36.579,98	37.346,90	110.490,25	-92,01	-92,35	-92,30	-92,24	-14.311,41	-14.012,62	-14.349,08	-42.673,12	-33.663,32	-33.783,08	-34.470,72	-101.917,12
2/2/2021 6:21:00 PM	36.489,13	36.530,89	37.277,64	110.272,05	-91,89	-92,26	-92,15	-92,12	-14.370,30	-14.078,85	-14.454,99	-42.904,14	-33.530,55	-33.701,88	-34.350,84	-101.583,27
2/2/2021 6:22:00 PM	37.060,61	37.016,09	37.797,25	111.848,70	-90,63	-90,98	-90,99	-90,89	-15.643,40	-15.347,45	-15.658,16	-46.649,00	-33.587,42	-33.677,37	-34.391,49	-101.656,28
2/2/2021 6:23:00 PM	36.375,70	36.363,04	37.136,26	109.846,64	-92,77	-93,10	-93,04	-93,00	-13.552,88	-13.251,28	-13.584,77	-40.388,93	-33.745,74	-33.854,62	-34.551,59	-102.151,95
2/2/2021 6:24:00 PM	36.642,78	36.624,00	37.398,64	110.641,05	-91,92	-92,27	-92,22	-92,16	-14.407,05	-14.107,15	-14.438,31	-42.952,50	-33.682,25	-33.791,55	-34.489,55	-101.963,35
2/2/2021 6:25:00 PM	36.819,17	36.792,01	37.557,25	111.143,34	-92,08	-92,40	-92,38	-92,31	-14.336,62	-14.055,09	-14.357,30	-42.749,00	-33.903,72	-33.994,89	-34.694,59	-102.593,20
2/2/2021 6:26:00 PM	36.830,55	36.813,07	37.581,55	111.197,81	-91,38	-91,72	-91,69	-91,62	-14.938,84	-14.649,65	-14.971,66	-44.560,16	-33.654,11	-33.764,98	-34.459,98	-101.879,07
2/2/2021 6:27:00 PM	36.641,63	36.612,52	37.380,46	110.608,81	-92,02	-92,34	-92,33	-92,25	-14.316,03	-14.036,32	-14.332,67	-42.685,03	-33.719,15	-33.808,01	-34.513,51	-102.040,66
2/2/2021 6:28:00 PM	36.560,25	36.548,63	37.298,94	110.383,01	-92,74	-93,04	-92,99	-92,95	-13.652,14	-13.378,27	-13.692,45	-40.722,86	-33.906,14	-34.005,49	-34.684,95	-102.596,58
2/2/2021 6:29:00 PM	37.096,35	37.042,36	37.821,06	111.933,13	-90,02	-90,37	-90,40	-90,28	-16.136,01	-15.846,21	-16.148,32	-48.130,54	-33.392,80	-33.474,24	-34.189,77	-101.056,80
2/2/2021 6:30:00 PM	36.546,94	36.583,04	37.339,24	110.443,77	-92,39	-92,76	-92,65	-92,62	-13.959,08	-13.647,55	-14.022,11	-41.628,73	-33.766,61	-33.935,12	-34.596,25	-102.297,98
2/2/2021 6:31:00 PM	36.480,55	36.476,55	37.261,78	110.192,88	-92,04	-92,42	-92,35	-92,29	-14.238,09	-13.913,92	-14.270,51	-42.422,53	-33.577,42	-33.711,40	-34.410,72	-101.699,55
2/2/2021 6:32:00 PM	37.074,10	37.035,17	37.833,67	111.917,06	-90,87	-91,26	-91,24	-91,15	-15.453,38	-15.125,16	-15.463,28	-46.041,82	-33.689,93	-33.798,54	-34.519,26	-102.007,74
2/2/2021 6:33:00 PM	36.320,19	36.306,77	37.117,43	109.718,95	-93,04	-93,42	-93,34	-93,29	-13.288,20	-12.935,28	-13.292,04	-39.515,52	-33.792,61	-33.917,43	-34.646,05	-102.356,10
2/2/2021 6:34:00 PM	36.577,20	36.564,59	37.373,93	110.489,27	-91,17	-91,59	-91,53	-91,45	-15.008,14	-14.661,88	-15.031,54	-44.701,56	-33.346,32	-33.489,02	-34.207,48	-101.042,81
2/2/2021 6:35:00 PM	36.367,54	36.345,93	37.190,51	109.878,80	-92,87	-93,29	-93,21	-93,14	-13.463,06	-13.073,67	-13.446,64	-39.983,38	-33.774,64	-33.906,40	-34.664,84	-102.345,88
2/2/2021 6:36:00 PM	36.482,20	36.463,41	37.283,04	110.201,93	-91,87	-92,28	-92,23	-92,15	-14.381,27	-14.029,47	-14.387,02	-42.797,76	-33.517,88	-33.649,13	-34.385,03	-101.552,05
2/2/2021 6:37:00 PM	36.559,34	36.565,56	37.395,46	110.494,92	-92,36	-92,80	-92,69	-92,64	-13.988,56	-13.610,52	-14.008,14	-41.607,23	-33.767,75	-33.931,43	-34.662,76	-102.361,94
2/2/2021 6:38:00 PM	36.442,42	36.480,26	37.293,77	110.190,54	-92,63	-93,06	-92,92	-92,90	-13.704,18	-13.331,98	-13.755,64	-40.791,80	-33.757,68	-33.950,12	-34.654,23	-102.362,02
2/2/2021 6:39:00 PM	36.705,21	36.732,71	37.558,43	110.969,20	-92,43	-92,88	-92,74	-92,71	-13.985,41	-13.595,87	-14.019,18	-41.600,46	-33.926,13	-34.116,85	-34.833,48	-102.876,47
2/2/2021 6:40:00 PM	36.558,36	36.586,30	37.430,23	110.549,04	-92,00	-92,48	-92,34	-92,29	-14.304,16	-13.905,35	-14.346,35	-42.555,87	-33.634,12	-33.834,03	-34.561,68	-102.029,84
2/2/2021 6:41:00 PM	36.314,02	36.314,41	37.158,46	109.761,56	-92,73	-93,17	-93,05	-93,01	-13.568,67	-13.174,76	-13.581,73	-40.325,16	-33.674,42	-33.833,59	-34.577,65	-102.085,66
2/2/2021 6:42:00 PM	36.763,42	36.771,14	37.620,00	111.129,03	-91,45	-91,93	-91,83	-91,76	-14.849,89	-14.452,40	-14.872,20	-44.174,49	-33.621,35	-33.805,05	-34.545,53	-101.971,94
2/2/2021 6:43:00 PM	36.871,68	36.896,58	37.735,24	111.477,60	-91,21	-91,70	-91,56	-91,51	-15.098,53	-14.704,37	-15.146,34	-44.949,24	-33.628,94	-33.833,01	-34.551,88	-102.013,84
2/2/2021 6:44:00 PM	36.741,30	36.758,10	37.622,21	111.091,75	-90,87	-91,39	-91,27	-91,20	-15.314,56	-14.898,75	-15.345,24	-45.558,55	-33.386,14	-33.594,97	-34.339,15	-101.320,25
2/2/2021 6:45:00 PM	36.636,96	36.654,52	37.500,33	110.766,45	-91,56	-92,05	-91,93	-91,87	-14.705,93	-14.308						

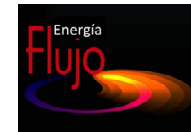
Potencia Neta TG 2 Neh_225MW



2/2/2021 4:29:00 PM - 2/2/2021 5:30:00 PM (Server)

PROMEDIO	44.299,47	44.372,46	44.953,51	133.601,12	-93,40	-93,48	-93,53	-93,49	-15.790,04	-15.734,99	-15.869,69	-47.394,73	-41.375,32	-41.476,55	-42.044,30	124.896,17
DESV EST	388,30	390,70	380,27	1158,44	0,54	0,54	0,53	0,53	705,33	712,52	708,39	2125,65	307,82	308,94	298,95	914,45
%DESV EST	0,8765%	0,8805%	0,8459%	0,8671%	-0,5745%	-0,5758%	-0,5629%	-0,5709%	-4,4669%	-4,5283%	-4,4638%	-4,4850%	-0,7440%	-0,7449%	-0,7110%	0,7322%
DATOS	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
Timestamp	NEH_Gx.CT_NEH_2 TG Apparent Power A (kVA)	NEH_Gx.CT_NEH_2 TG Apparent Power B (kVA)	NEH_Gx.CT_NEH_2 TG Apparent Power C (kVA)	NEH_Gx.CT_NEH_2 TG Apparent Power (kVA)	NEH_Gx.CT_NEH_2 TG Power Factor A (%)	NEH_Gx.CT_NEH_2 TG Power Factor B (%)	NEH_Gx.CT_NEH_2 TG Power Factor C (%)	NEH_Gx.CT_NEH_2 TG Power Factor (%)	NEH_Gx.CT_NEH_2 TG Reactive Power A (kVAr)	NEH_Gx.CT_NEH_2 TG Reactive Power B (kVAr)	NEH_Gx.CT_NEH_2 TG Reactive Power C (kVAr)	NEH_Gx.CT_NEH_2 TG Reactive Power (kVAr)	NEH_Gx.CT_NEH_2 TG Real Power A (kW)	NEH_Gx.CT_NEH_2 TG Real Power B (kW)	NEH_Gx.CT_NEH_2 TG Real Power C (kW)	NEH_Gx.CT_NEH_2 TG Real Power (kW)
2/2/2021 4:30:00 PM	44.955,41	45.019,21	45.580,73	135.532,08	-92,07	-92,13	-92,21	-92,15	-17.526,24	-17.487,57	-17.618,19	-52.632,00	-41.389,28	-41.477,14	-42.028,80	-124.895,22
2/2/2021 4:31:00 PM	44.748,62	44.810,22	45.392,88	134.928,22	-92,21	-92,30	-92,37	-92,31	-17.289,14	-17.227,25	-17.370,32	-51.886,73	-41.264,73	-41.359,48	-41.928,56	-124.552,77
2/2/2021 4:32:00 PM	44.433,52	44.515,87	45.076,35	134.001,94	-93,66	-93,72	-93,77	-93,73	-15.539,84	-15.513,00	-15.634,30	-46.687,13	-41.618,65	-41.718,44	-42.268,78	-125.605,86
2/2/2021 4:33:00 PM	44.868,30	44.930,40	45.498,50	135.272,77	-92,45	-92,52	-92,59	-92,54	-17.078,25	-17.034,75	-17.165,32	-51.278,32	-41.481,57	-41.568,66	-42.126,67	-125.176,89
2/2/2021 4:34:00 PM	44.589,50	44.680,02	45.239,11	134.485,13	-93,56	-93,63	-93,66	-93,63	-15.717,43	-15.671,34	-15.829,96	-47.218,74	-41.718,51	-41.834,96	-42.369,67	-125.923,14
2/2/2021 4:35:00 PM	44.400,91	44.467,69	45.033,60	133.879,14	-93,04	-93,10	-93,16	-93,12	-16.247,99	-16.212,88	-16.339,12	-48.799,99	-41.312,48	-41.400,30	-41.955,50	-124.668,29
2/2/2021 4:36:00 PM	44.579,74	44.627,83	45.216,32	134.399,22	-92,75	-92,81	-92,91	-92,84	-16.644,30	-16.598,92	-16.698,56	-49.941,79	-41.346,52	-41.418,80	-42.010,34	-124.775,66
2/2/2021 4:37:00 PM	44.649,12	44.736,23	45.292,63	134.652,89	-93,46	-93,54	-93,56	-93,54	-15.853,39	-15.800,90	-15.968,38	-47.622,67	-41.730,18	-41.845,75	-42.374,38	-125.950,32
2/2/2021 4:38:00 PM	44.644,79	44.723,73	45.284,36	134.629,70	-93,46	-93,53	-93,56	-93,54	-15.855,62	-15.805,63	-15.957,43	-47.618,68	-41.725,64	-41.831,15	-42.370,23	-125.927,02
2/2/2021 4:39:00 PM	44.101,18	44.167,30	44.743,99	132.989,92	-93,07	-93,14	-93,19	-93,15	-16.114,42	-16.058,63	-16.203,78	-48.376,84	-41.043,06	-41.138,19	-41.697,71	-123.878,97
2/2/2021 4:40:00 PM	44.579,00	44.727,86	45.242,95	134.526,64	-93,13	-93,20	-93,19	-93,19	-16.216,01	-16.198,55	-16.380,89	-48.795,45	-41.516,11	-41.684,99	-42.164,04	-125.365,14
2/2/2021 4:41:00 PM	44.365,02	44.427,47	44.969,09	133.735,66	-93,24	-93,27	-93,35	-93,30	-16.007,78	-16.004,43	-16.099,15	-48.111,36	-41.366,66	-41.436,73	-41.978,51	-124.781,90
2/2/2021 4:42:00 PM	44.672,09	44.707,07	45.271,61	134.626,67	-92,90	-92,94	-93,03	-92,97	-16.512,23	-16.485,31	-16.583,12	-49.580,66	-41.499,35	-41.549,38	-42.115,57	-125.164,30
2/2/2021 4:43:00 PM	44.619,84	44.680,94	45.266,01	134.542,55	-93,31	-93,40	-93,44	-93,40	-16.016,27	-15.949,17	-16.102,78	-48.068,22	-41.636,89	-41.730,59	-42.295,34	-125.662,82
2/2/2021 4:44:00 PM	44.609,24	44.672,22	45.244,07	134.497,91	-92,68	-92,73	-92,83	-92,76	-16.729,28	-16.703,31	-16.796,23	-50.228,82	-41.342,71	-41.423,72	-42.000,36	-124.766,78
2/2/2021 4:45:00 PM	44.181,35	44.262,17	44.887,93	133.306,70	-92,69	-92,84	-92,87	-92,82	-16.554,82	-16.431,76	-16.620,34	-49.606,92	-40.953,17	-41.091,89	-41.687,83	-123.732,90
2/2/2021 4:46:00 PM	44.488,02	44.573,77	45.128,27	134.161,86	-93,41	-93,47	-93,51	-93,48	-15.856,23	-15.825,90	-15.965,48	-47.647,61	-41.555,49	-41.661,24	-42.199,02	-125.415,75
2/2/2021 4:47:00 PM	44.049,29	44.145,43	44.703,92	132.874,64	-93,64	-93,70	-93,75	-93,72	-15.429,30	-15.400,42	-15.528,49	-46.358,21	-41.249,38	-41.365,20	-41.910,87	-124.525,45
2/2/2021 4:48:00 PM	44.236,25	44.271,18	44.842,73	133.324,83	-93,71	-93,74	-93,83	-93,78	-15.418,33	-15.394,77	-15.477,51	-46.290,61	-41.452,45	-41.500,89	-42.077,42	-125.030,75
2/2/2021 4:49:00 PM	44.582,85	44.649,52	45.219,47	134.425,75	-93,33	-93,40	-93,45	-93,41	-15.979,64	-15.935,58	-16.067,17	-47.982,38	-41.610,86	-41.701,11	-42.258,63	-125.570,59
2/2/2021 4:50:00 PM	44.653,20	44.720,62	45.271,30	134.619,44	-93,38	-93,42	-93,49	-93,45	-15.950,32	-15.929,49	-16.044,15	-47.923,95	-41.697,41	-41.779,97	-42.322,81	-125.800,20
2/2/2021 4:51:00 PM	44.569,55	44.643,30	45.223,44	134.411,48	-94,11	-94,19	-94,22	-94,19	-15.041,23	-14.981,05	-15.125,26	-45.147,54	-41.945,18	-42.047,75	-42.609,39	-126.602,32
2/2/2021 4:52:00 PM	44.263,94	44.309,87	44.985,48	133.535,67	-93,25	-93,41	-93,46	-93,39	-15.965,05	-15.807,00	-15.976,81	-47.748,85	-41.275,70	-41.387,79	-42.043,45	-124.706,95
2/2/2021 4:53:00 PM	44.025,95	44.071,45	44.694,76	132.766,78	-93,52	-93,61	-93,68	-93,62	-15.567,14	-15.475,70	-15.606,76	-46.649,59	-41.172,46	-41.257,47	-41.871,46	-124.301,39
2/2/2021 4:54:00 PM	44.724,81	44.813,18	45.416,39	134.929,88	-94,08	-94,19	-94,21	-94,18	-15.135,63	-15.034,57	-15.203,44	-45.373,63	-42.076,61	-42.208,79	-42.786,64	-127.072,05
2/2/2021 4:55:00 PM	43.862,91	43.929,79	44.520,47	132.287,78	-93,31	-93,40	-93,45	-93,40	-15.745,88	-15.679,50	-15.821,10	-47.246,48	-40.929,48	-41.028,95	-41.604,62	-123.563,05
2/2/2021 4:56:00 PM	43.490,36	43.556,20	44.133,42	131.156,38	-94,25	-94,31	-94,35	-94,32	-14.515,63	-14.468,01	-14.600,64	-43.584,28	-40.987,52	-41.076,30	-41.639,07	-123.702,89
2/2/2021 4:57:00 PM	44.203,73	44.295,38	44.892,30	133.365,59	-94,05	-94,15	-94,17	-94,14	-14.990,73	-14.902,39	-15.078,47	-44.971,59	-41.574,32	-41.705,90	-42.274,31	-125.554,53
2/2/2021 4:58:00 PM	44.098,08	44.166,44	44.740,79	132.981,78	-93,91	-93,97	-94,02	-93,98	-15.132,22	-15.083,60	-15.217,33	-45.433,16	-41.411,65	-41.504,20	-42.064,07	-124.979,93
2/2/2021 4:59:00 PM	44.116,52	44.202,20	44.801,74	133.096,94	-93,85	-93,95	-93,98	-93,95	-15.204,52	-15.119,35	-15.281,38	-45.605,25	-41.404,55	-41.529,41	-42.105,84	-125.039,82
2/2/2021 5:00:00 PM	44.180,23	44.223,40	44.821,71	133.200,64	-93,99	-94,06	-94,12	-94,08	-15.059,44	-14.993,43	-15.110,04	-45.162,91	-41.525,12	-41.596,98	-42.188,39	-125.310,50
2/2/2021 5:01:00 PM	44.727,17	44.796,38	45.344,22	134.842,20	-93,79	-93,83	-93,89	-93,86	-15.484,89	-15.472,43	-15.580,41	-46.537,73	-41.951,53	-42.032,14	-42.573,27	-126.556,95
2/2/2021 5:02:00 PM	44.233,79	44.291,04	44.879,34	133.380,25	-93,30	-93,37	-93,44	-93,39	-15.894,75	-15.844,58	-15.965,51	-47.704,84	-41.270,16	-41.353,16	-41.934,05	-124.557,38
2/2/2021 5:03:00 PM	43.994,27	44.103,11	44.642,59	132.716,72	-93,67	-93,73	-93,76	-93,74	-15.380,50	-15.354,95	-15.500,79	-46.236,23	-41.209,26	-41.337,29	-41.855,77	-124.402,32
2/2/2021 5:04:00 PM	44.901,89	44.987,71	45.518,15	135.384,13	-92,83	-92,86	-92,95	-92,90	-16.668,81	-16.680,25	-16.762,37	-50.111,42	-41.684,21	-41.774,42	-42.309,83	-125.768,45
2/2/2021 5:05:00 PM	44.175,45	44.259,17	44.804,52	133.215,31	-93,03	-93,07	-93,14	-93,10	-16.176,56	-16.166,81	-16.283,65	-48.627,02	-41.097,93	-41.194,12	-41.731,07	-124.023,12
2/2/2021 5:06:00 PM	44.206,24	44.285,04	44.845,05	133.312,64	-93,98	-94,03	-94,08	-94,05	-15.075,56	-15.053,36	-15.174,76	-45.303,67	-41.547,23	-41.641,37	-42.190,18	-125.378,78
2/2/2021 5:07:00 PM	44.256,45	44.327,05	44.903,64	133.463,31	-93,97	-94,03	-94,08	-94,05	-15.106,55	-15.072,39	-15.189,38	-45.368,32	-41.589,26	-41.679,16	-42.247,20	-125.515,63
2/2/2021 5:08:00 PM	43.929,63	44.011,48	44.561,85	132.478,98	-93,90	-93,94	-93,99	-93,96	-15.081,75	-15.069,26	-15.183,84	-45.334,84	-41.250,42	-41.344,52	-41.885,72	-124.480,66
2/2/2021 5:09:00 PM	44.832,27	44.907,44	45.496,52	135.211,64	-92,62	-92,70	-92,77	-92,71	-16.884,50	-16.827,66	-16.960,14	-50.672,30	-41.521,68	-41.628,41	-42.207,41	-125.357,51
2/2/2021 5:10:00 PM	44.330,68	44.380,40	44.954,67	133.641,16	-93,98	-94,02	-94,10	-94,05	-15.119,29	-15.092,43	-15.180,55	-45.392,28	-41.663,52	-41.728,17	-42.304,38	-125.696,07
2/2/2021 5:11:00 PM	44.753,60	44.848,60	45.385,04	134.963,14	-93,70	-93,74	-93,79	-93,76	-15.607,18	-15.597,03	-15.721,18	-46.925,40	-41.934,85	-42.042,39	-42.565,47	-126.542,71
2/2/2021 5:12:00 PM	44.508,00	44.588,01	45.159,41	134.231,11	-92,75	-92,83	-92,89	-92,84	-16.610,69	-16.567,55	-16.695,83	-49.874,07	-41.283,04	-41.388,82	-41.949,84	-124.621,70
2/2/2021 5:13:00 PM	44.802,81	44.905,48	45.462,88	135.146,98	-92,99	-93,06	-93,10	-93,07	-16.453,83	-16.419,39	-16.565,34	-49.438,55	-41.662,66	-41.789,14	-42.327,91	-125.779,71
2/2/2021 5:14:00 PM	44.190,67	44.263,59	44.855,14	133.286,50	-93,33	-93,41	-93,48	-93,42	-15.844,09	-15.789,34	-15.911,34	-47.544,78	-41.244,04	-41.345,11	-41.929,06	-124.518,21
2/2/2021 5:15:00 PM	44.123,13	44.208,00	44.799,24	133.106,39	-93,69	-93,78	-93,82	-93,78	-15.399,52	-15.334,09	-15.481,31	-46.214,92	-41.339,36	-41.456,78	-42.029,72	-124.825,85
2/2/2021 5:16:00 PM</																

Potencia Neta TG 2 Neh_255MW



2/2/2021 1:59:00 PM - 2/2/2021 4:00:00 PM (Server Local)

PROMEDIO	53.012,21	53.057,79	53.609,25	159.657,59	-94,94	-94,97	-95,02	-94,99	-16.606,58	-16.575,16	-16.663,18	-49.844,92	-50.329,43	-50.390,78	-50.939,30	151.659,51
DESV EST	232,16	226,05	237,86	692,96	0,47	0,46	0,45	0,46	819,17	804,46	801,87	2424,48	153,89	158,67	144,22	451,05
%DESV EST	0,4379%	0,4261%	0,4437%	0,4340%	-0,4966%	-0,4866%	-0,4739%	-0,4853%	-4,9328%	-4,8534%	-4,8122%	-4,8640%	-0,3058%	-0,3149%	-0,2831%	0,2974%
DATOS	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31

Timestamp	NEH_Gx.CT_NEH_2TG Apparent Power A (kVA)	NEH_Gx.CT_NEH_2TG Apparent Power B (kVA)	NEH_Gx.CT_NEH_2TG Apparent Power C (kVA)	NEH_Gx.CT_NEH_2TG Apparent Power (kVA)	NEH_Gx.CT_NEH_2TG Power Factor A (%)	NEH_Gx.CT_NEH_2TG Power Factor B (%)	NEH_Gx.CT_NEH_2TG Power Factor C (%)	NEH_Gx.CT_NEH_2TG Power Factor (%)	NEH_Gx.CT_NEH_2TG Reactive Power A (kVAr)	NEH_Gx.CT_NEH_2TG Reactive Power B (kVAr)	NEH_Gx.CT_NEH_2TG Reactive Power C (kVAr)	NEH_Gx.CT_NEH_2TG Reactive Power (kVAr)	NEH_Gx.CT_NEH_2TG Real Power A (kW)	NEH_Gx.CT_NEH_2TG Real Power B (kW)	NEH_Gx.CT_NEH_2TG Real Power C (kW)	NEH_Gx.CT_NEH_2TG Real Power (kW)
2/2/2021 3:30:00 PM	53.343,86	53.391,95	54.002,08	160.714,61	-94,21	-94,31	-94,33	-94,30	-17.865,24	-17.741,66	-17.899,33	-53.506,23	-50.254,14	-50.351,68	-50.940,44	-151.546,27
2/2/2021 3:31:00 PM	52.744,86	52.763,76	53.348,99	158.835,33	-94,37	-94,42	-94,48	-94,44	-17.420,75	-17.366,91	-17.450,03	-52.237,69	-49.776,00	-49.818,03	-50.405,58	-149.999,61
2/2/2021 3:32:00 PM	52.831,21	52.873,39	53.405,96	159.089,00	-95,17	-95,19	-95,25	-95,22	-16.192,10	-16.186,35	-16.243,15	-48.621,60	-50.280,27	-50.329,45	-50.867,18	-151.476,91
2/2/2021 3:33:00 PM	53.151,26	53.070,06	53.729,85	159.926,31	-95,03	-95,06	-95,19	-95,11	-16.519,06	-16.445,15	-16.432,57	-49.396,79	-50.509,63	-50.450,91	-51.145,94	-152.106,50
2/2/2021 3:34:00 PM	53.171,89	53.168,49	53.762,41	160.080,28	-94,34	-94,39	-94,46	-94,41	-17.607,61	-17.548,30	-17.624,25	-52.780,15	-50.162,82	-50.183,29	-50.782,82	-151.128,94
2/2/2021 3:35:00 PM	53.328,36	53.305,49	53.911,85	160.521,14	-94,16	-94,19	-94,29	-94,23	-17.933,61	-17.887,12	-17.931,60	-53.752,32	-50.212,65	-50.208,43	-50.832,77	-151.253,84
2/2/2021 3:36:00 PM	53.095,20	53.027,39	53.636,25	159.737,03	-94,87	-94,87	-95,00	-94,93	-16.765,54	-16.745,33	-16.724,91	-50.235,77	-50.370,26	-50.308,31	-50.953,50	-151.632,06
2/2/2021 3:37:00 PM	53.124,01	53.238,83	53.801,68	160.143,08	-94,73	-94,81	-94,81	-94,80	-16.989,90	-16.906,41	-17.079,17	-50.975,48	-50.325,50	-50.477,74	-51.010,15	-151.813,38
2/2/2021 3:38:00 PM	53.283,09	53.280,95	53.844,95	160.388,08	-94,73	-94,75	-94,83	-94,78	-17.040,85	-17.021,27	-17.064,52	-51.126,64	-50.476,58	-50.483,83	-51.060,64	-152.021,06
2/2/2021 3:39:00 PM	53.533,53	53.609,80	54.127,30	161.249,11	-94,26	-94,28	-94,33	-94,30	-17.855,56	-17.851,19	-17.941,71	-53.648,46	-50.459,59	-50.544,80	-51.058,48	-152.062,86
2/2/2021 3:40:00 PM	53.093,84	53.179,05	53.733,50	159.984,89	-94,77	-94,84	-94,85	-94,83	-16.915,97	-16.852,63	-16.997,27	-50.765,88	-50.318,64	-50.432,71	-50.965,47	-151.716,83
2/2/2021 3:41:00 PM	53.173,71	53.269,05	53.834,09	160.254,95	-94,30	-94,39	-94,39	-94,37	-17.671,14	-17.582,47	-17.745,54	-52.999,15	-50.142,79	-50.278,36	-50.816,21	-151.237,36
2/2/2021 3:42:00 PM	52.987,87	53.007,11	53.591,38	159.566,38	-94,76	-94,80	-94,86	-94,82	-16.905,35	-16.849,07	-16.931,01	-50.685,44	-50.211,12	-50.252,99	-50.838,29	-151.302,41
2/2/2021 3:43:00 PM	52.750,34	52.821,79	53.358,59	158.909,98	-95,27	-95,31	-95,33	-95,32	-16.005,05	-15.966,17	-16.095,71	-48.066,94	-50.255,89	-50.345,82	-50.864,30	-151.466,02
2/2/2021 3:44:00 PM	52.924,86	53.000,02	53.546,59	159.450,08	-95,30	-95,34	-95,36	-95,34	-16.017,22	-15.972,27	-16.094,29	-48.083,79	-50.434,77	-50.530,43	-51.062,03	-152.027,23
2/2/2021 3:45:00 PM	52.872,10	52.940,84	53.493,00	159.286,06	-94,82	-94,87	-94,89	-94,87	-16.773,11	-16.719,21	-16.855,44	-50.347,76	-50.133,34	-50.226,38	-50.759,94	-151.119,66
2/2/2021 3:46:00 PM	52.976,93	53.045,43	53.580,02	159.582,39	-95,02	-95,06	-95,09	-95,07	-16.481,21	-16.458,28	-16.564,37	-49.503,86	-50.340,38	-50.422,57	-50.947,00	-151.709,94
2/2/2021 3:47:00 PM	53.256,10	53.314,68	53.833,05	160.382,78	-94,81	-94,82	-94,88	-94,85	-16.912,95	-16.912,94	-16.975,96	-50.801,86	-50.491,08	-50.555,37	-51.077,88	-152.124,31
2/2/2021 3:48:00 PM	53.089,66	53.142,85	53.682,04	159.892,09	-94,76	-94,79	-94,84	-94,81	-16.929,41	-16.914,68	-16.996,59	-50.840,68	-50.309,34	-50.373,23	-50.911,31	-151.593,89
2/2/2021 3:49:00 PM	52.617,31	52.660,50	53.184,23	158.441,16	-95,60	-95,61	-95,65	-95,63	-15.405,97	-15.416,82	-15.479,58	-46.302,38	-50.303,49	-50.347,82	-50.873,23	-151.524,55
2/2/2021 3:50:00 PM	52.942,63	53.012,55	53.527,14	159.460,86	-95,39	-95,40	-95,46	-95,43	-15.865,04	-15.877,62	-15.925,43	-47.668,10	-50.501,41	-50.573,44	-51.094,51	-152.169,36
2/2/2021 3:51:00 PM	53.093,32	53.147,69	53.656,24	159.875,56	-94,96	-94,97	-95,01	-94,99	-16.614,89	-16.623,84	-16.710,12	-49.948,85	-50.418,45	-50.475,39	-50.978,83	-151.872,67
2/2/2021 3:52:00 PM	53.079,13	53.143,05	53.666,77	159.867,64	-94,88	-94,89	-94,96	-94,92	-16.747,46	-16.755,58	-16.794,95	-50.297,99	-50.359,48	-50.426,95	-50.962,62	-151.749,05
2/2/2021 3:53:00 PM	53.123,05	53.146,23	53.695,34	159.943,39	-94,55	-94,56	-94,64	-94,60	-17.277,02	-17.280,14	-17.312,40	-51.869,56	-50.226,80	-50.252,99	-50.819,37	-151.299,17
2/2/2021 3:54:00 PM	53.207,21	53.264,02	53.797,94	160.249,20	-94,74	-94,76	-94,81	-94,78	-17.010,73	-17.004,36	-17.075,90	-51.090,99	-50.406,86	-50.471,84	-51.007,82	-151.886,53
2/2/2021 3:55:00 PM	52.960,83	53.011,61	53.593,70	159.545,13	-95,12	-95,18	-95,21	-95,18	-16.317,04	-16.240,45	-16.358,11	-48.915,59	-50.376,65	-50.457,18	-51.027,67	-151.861,50
2/2/2021 3:56:00 PM	52.727,39	52.759,12	53.291,43	158.756,69	-95,50	-95,50	-95,56	-95,53	-15.617,13	-15.623,21	-15.683,05	-46.923,40	-50.353,42	-50.387,30	-50.922,99	-151.663,70
2/2/2021 3:57:00 PM	52.860,52	52.916,77	53.444,53	159.200,25	-95,63	-95,66	-95,68	-95,67	-15.431,75	-15.398,52	-15.516,84	-46.347,10	-50.549,58	-50.621,25	-51.133,68	-152.304,50
2/2/2021 3:58:00 PM	52.828,39	52.894,95	53.403,73	159.104,77	-95,64	-95,67	-95,68	-95,67	-15.396,72	-15.385,06	-15.504,41	-46.286,19	-50.526,57	-50.602,42	-51.094,25	-152.223,23
2/2/2021 3:59:00 PM	52.606,52	52.698,48	53.198,83	158.481,44	-95,81	-95,83	-95,84	-95,84	-15.032,97	-15.036,13	-15.150,14	-45.219,23	-50.404,15	-50.502,22	-50.986,98	-151.893,34
2/2/2021 4:00:00 PM	52.599,57	52.685,64	53.203,14	158.465,50	-95,67	-95,70	-95,70	-95,70	-15.285,77	-15.260,70	-15.400,19	-45.946,65	-50.320,61	-50.421,20	-50.916,43	-151.658,23

Potencia Neta TG 2 Neh_290MW



2/2/2021 11:59:00 AM - 2/2/2021 1:00:00 PM (Server Local)

PROMEDIO	60.973,56	61.000,63	61.566,00	183.515,60	-95,97	-96,01	-96,03	-96,02	-17.064,15	-17.001,13	-17.101,22	-51.166,50	-58.516,03	-58.567,43	-59.122,71	176.206,16
DESV EST	381,22	359,38	383,71	1118,85	0,52	0,51	0,50	0,51	1168,38	1157,86	1139,30	3463,39	303,61	298,76	302,58	895,11
%DESV EST	0,6252%	0,5891%	0,6232%	0,6097%	-0,5415%	-0,5363%	-0,5179%	-0,5317%	-6,8470%	-6,8105%	-6,6621%	-6,7689%	-0,5188%	-0,5101%	-0,5118%	0,5080%
DATOS	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
Timestamp	NEH_Gx.CT_NEH_2TG Apparent Power A (kVA)	NEH_Gx.CT_NEH_2TG Apparent Power B (kVA)	NEH_Gx.CT_NEH_2TG Apparent Power C (kVA)	NEH_Gx.CT_NEH_2TG Apparent Power (kVA)	NEH_Gx.CT_NEH_2TG Power Factor A (%)	NEH_Gx.CT_NEH_2TG Power Factor B (%)	NEH_Gx.CT_NEH_2TG Power Factor C (%)	NEH_Gx.CT_NEH_2TG Power Factor (%)	NEH_Gx.CT_NEH_2TG Reactive Power A (kVAr)	NEH_Gx.CT_NEH_2TG Reactive Power B (kVAr)	NEH_Gx.CT_NEH_2TG Reactive Power C (kVAr)	NEH_Gx.CT_NEH_2TG Reactive Power (kVAr)	NEH_Gx.CT_NEH_2TG Real Power A (kW)	NEH_Gx.CT_NEH_2TG Real Power B (kW)	NEH_Gx.CT_NEH_2TG Real Power C (kW)	NEH_Gx.CT_NEH_2TG Real Power (kW)
2/2/2021 12:00:00 PM	60.113,09	60.263,58	60.672,71	181.023,17	-97,31	-97,32	-97,28	-97,32	-13.810,85	-13.827,37	-14.011,14	-41.649,36	-58.494,26	-58.650,50	-59.021,98	-176.166,73
2/2/2021 12:01:00 PM	60.689,28	60.723,06	61.207,05	182.594,00	-96,41	-96,41	-96,42	-96,43	-16.076,72	-16.113,74	-16.185,32	-48.375,78	-58.510,60	-58.540,83	-59.017,74	-176.069,17
2/2/2021 12:02:00 PM	60.422,15	60.382,65	60.998,57	181.777,05	-95,70	-95,73	-95,79	-95,75	-17.497,34	-17.443,74	-17.482,10	-52.423,18	-57.822,02	-57.802,71	-58.429,00	-174.053,73
2/2/2021 12:03:00 PM	60.727,72	60.791,62	61.321,28	182.816,42	-96,80	-96,83	-96,83	-96,84	-15.191,43	-15.154,87	-15.282,20	-45.628,50	-58.786,93	-58.867,47	-59.376,33	-177.030,73
2/2/2021 12:04:00 PM	60.596,07	60.644,49	61.190,70	182.405,19	-97,00	-97,04	-97,03	-97,04	-14.695,30	-14.624,43	-14.751,22	-44.070,95	-58.776,65	-58.849,24	-59.375,25	-177.001,14
2/2/2021 12:05:00 PM	60.512,51	60.559,39	61.072,14	182.120,41	-96,76	-96,78	-96,78	-96,79	-15.240,88	-15.218,10	-15.331,12	-45.790,10	-58.552,31	-58.611,11	-59.106,56	-176.270,00
2/2/2021 12:06:00 PM	60.603,92	60.845,45	61.300,75	182.721,63	-95,99	-96,08	-95,98	-96,03	-16.953,62	-16.841,96	-17.166,35	-50.961,93	-58.172,56	-58.461,76	-58.836,68	-175.471,00
2/2/2021 12:07:00 PM	60.690,29	60.494,97	61.128,83	182.285,83	-96,62	-96,59	-96,71	-96,65	-15.615,78	-15.643,51	-15.506,43	-46.765,71	-58.636,04	-58.431,41	-59.117,37	-176.184,81
2/2/2021 12:08:00 PM	60.520,40	60.494,34	61.180,71	182.168,44	-96,65	-96,74	-96,76	-96,73	-15.497,59	-15.308,52	-15.408,05	-46.214,15	-58.491,55	-58.519,31	-59.198,08	-176.208,94
2/2/2021 12:09:00 PM	60.400,11	60.507,15	61.027,94	181.909,34	-96,51	-96,56	-96,54	-96,55	-15.776,19	-15.719,72	-15.886,23	-47.382,14	-58.292,75	-58.423,98	-58.913,39	-175.630,13
2/2/2021 12:10:00 PM	60.205,88	60.354,23	60.894,90	181.430,41	-96,50	-96,59	-96,53	-96,55	-15.759,48	-15.617,39	-15.859,65	-47.236,52	-58.096,56	-58.293,59	-58.783,21	-175.173,36
2/2/2021 12:11:00 PM	60.016,57	60.065,17	60.639,34	180.695,38	-96,54	-96,60	-96,59	-96,59	-15.607,68	-15.518,03	-15.653,17	-46.778,88	-57.940,98	-58.020,40	-58.573,87	-174.535,25
2/2/2021 12:12:00 PM	60.555,25	60.802,82	61.099,49	182.431,98	-96,75	-96,77	-96,67	-96,75	-15.268,78	-15.310,82	-15.585,15	-46.164,74	-58.588,39	-58.838,40	-59.067,54	-176.494,31
2/2/2021 12:13:00 PM	60.507,53	60.557,50	61.116,53	182.155,84	-96,54	-96,59	-96,58	-96,58	-15.748,54	-15.669,60	-15.802,39	-47.220,54	-58.411,50	-58.489,78	-59.027,61	-175.928,88
2/2/2021 12:14:00 PM	60.498,37	60.548,66	61.082,55	182.106,05	-96,46	-96,51	-96,50	-96,50	-15.910,17	-15.834,75	-15.981,54	-47.726,46	-58.359,02	-58.436,73	-58.944,96	-175.740,70
2/2/2021 12:15:00 PM	60.752,81	60.915,72	61.347,55	182.989,70	-96,68	-96,72	-96,66	-96,70	-15.493,14	-15.449,42	-15.681,63	-46.624,18	-58.733,26	-58.918,62	-59.298,45	-176.950,31
2/2/2021 12:16:00 PM	61.116,88	61.142,70	61.798,09	184.028,48	-96,39	-96,48	-96,48	-96,46	-16.239,33	-16.047,76	-16.214,24	-48.501,33	-58.908,09	-58.992,88	-59.621,16	-177.522,13
2/2/2021 12:17:00 PM	61.345,42	61.338,35	61.964,30	184.621,17	-96,45	-96,49	-96,52	-96,50	-16.169,57	-16.084,10	-16.159,10	-48.412,77	-59.164,79	-59.186,60	-59.809,15	-178.160,55
2/2/2021 12:18:00 PM	61.479,21	61.480,31	62.024,26	184.957,70	-96,11	-96,13	-96,16	-96,15	-16.939,84	-16.912,43	-16.982,49	-50.834,76	-59.088,81	-59.102,86	-59.643,03	-177.834,69
2/2/2021 12:19:00 PM	61.278,82	61.312,26	61.895,30	184.461,66	-95,87	-95,92	-95,94	-95,92	-17.388,61	-17.311,59	-17.423,42	-52.123,62	-58.749,76	-58.812,29	-59.382,10	-176.944,14
2/2/2021 12:20:00 PM	60.935,49	60.978,86	61.560,19	183.449,42	-95,72	-95,78	-95,80	-95,78	-17.604,39	-17.515,95	-17.625,86	-52.746,20	-58.326,81	-58.403,64	-58.972,51	-175.702,95
2/2/2021 12:21:00 PM	61.079,23	61.146,98	61.691,20	183.893,42	-96,55	-96,60	-96,59	-96,59	-15.877,19	-15.792,14	-15.939,95	-47.609,28	-58.969,68	-59.067,46	-59.586,48	-177.623,61
2/2/2021 12:22:00 PM	61.180,45	61.197,93	61.809,72	184.162,03	-96,06	-96,11	-96,14	-96,12	-16.972,13	-16.874,70	-16.974,81	-50.422,63	-58.768,71	-58.819,50	-59.422,58	-177.010,80
2/2/2021 12:23:00 PM	61.002,45	60.957,37	61.628,40	183.562,78	-95,35	-95,42	-95,48	-95,43	-18.356,58	-18.217,84	-18.284,97	-54.859,39	-58.164,64	-58.165,64	-58.843,18	-175.173,47
2/2/2021 12:24:00 PM	60.794,58	60.919,01	61.373,92	183.062,97	-95,36	-95,38	-95,37	-95,38	-18.264,01	-18.284,76	-18.432,46	-54.981,23	-57.975,89	-58.104,90	-58.530,53	-174.611,33
2/2/2021 12:25:00 PM	61.015,71	61.056,37	61.605,21	183.652,94	-95,74	-95,79	-95,80	-95,79	-17.584,05	-17.506,61	-17.636,85	-52.727,50	-58.416,88	-58.487,69	-59.016,47	-175.921,05
2/2/2021 12:26:00 PM	60.982,53	61.013,96	61.577,11	183.550,84	-96,02	-96,05	-96,08	-96,06	-17.003,55	-16.954,33	-17.042,64	-51.000,51	-58.554,75	-58.606,43	-59.161,99	-176.323,17
2/2/2021 12:27:00 PM	61.094,61	61.117,77	61.683,58	183.872,56	-95,53	-95,58	-95,60	-95,58	-18.020,82	-17.956,62	-18.055,11	-54.032,55	-58.366,59	-58.415,56	-58.972,23	-175.754,38
2/2/2021 12:28:00 PM	60.948,96	60.933,18	61.519,32	183.378,92	-95,35	-95,39	-95,44	-95,41	-18.332,50	-18.270,48	-18.331,84	-54.934,82	-58.117,13	-58.125,04	-58.714,95	-174.957,11
2/2/2021 12:29:00 PM	61.166,62	61.186,33	61.752,88	184.083,27	-96,06	-96,09	-96,12	-96,10	-16.974,36	-16.921,57	-16.998,18	-50.894,11	-58.754,77	-58.795,42	-59.357,80	-176.908,00
2/2/2021 12:30:00 PM	61.499,18	61.496,94	62.130,43	185.103,09	-95,40	-95,47	-95,51	-95,47	-18.411,87	-18.274,60	-18.382,23	-55.068,70	-58.668,50	-58.714,16	-59.339,14	-176.721,80
2/2/2021 12:31:00 PM	61.254,47	61.303,50	61.861,14	184.396,73	-95,18	-95,23	-95,24	-95,23	-18.759,73	-18.696,51	-18.825,19	-56.281,42	-58.301,57	-58.378,36	-59.177,79	-175.597,73
2/2/2021 12:32:00 PM	61.357,54	61.381,98	61.930,05	184.646,88	-95,98	-95,99	-96,02	-96,01	-17.196,64	-17.194,60	-17.264,73	-51.655,97	-58.889,05	-58.919,80	-59.465,31	-177.274,16
2/2/2021 12:33:00 PM	61.027,48	61.073,86	61.637,12	183.715,70	-95,50	-95,55	-95,56	-95,55	-18.065,06	-18.005,85	-18.136,17	-54.207,09	-58.282,78	-58.354,69	-58.899,00	-175.536,47
2/2/2021 12:34:00 PM	61.198,82	61.211,28	61.762,88	184.149,03	-96,04	-96,06	-96,09	-96,08	-17.017,95	-16.988,83	-17.072,72	-51.079,30	-58.775,36	-58.801,44	-59.346,27	-176.923,08
2/2/2021 12:35:00 PM	60.664,36	60.681,04	61.249,76	182.572,73	-95,93	-95,97	-95,99	-95,97	-17.092,39	-17.046,48	-17.141,76	-51.280,63	-58.197,47	-58.232,68	-58.792,85	-175.223,00
2/2/2021 12:36:00 PM	60.927,67	60.966,20	61.527,66	183.398,31	-96,02	-96,04	-96,07	-96,05	-16.984,48	-16.974,06	-17.055,71	-51.014,25	-58.502,98	-58.550,66	-59.106,76	-176.160,41
2/2/2021 12:37:00 PM	60.853,44	60.884,03	61.435,14	183.150,25	-95,93	-95,97	-95,98	-95,97	-17.161,09	-17.102,32	-17.218,76	-51.482,17	-58.374,39	-58.428,00	-58.963,36	-175.765,75
2/2/2021 12:38:00 PM	60.772,37	60.772,05	61.335,03	182.857,28	-96,16	-96,18	-96,21	-96,20	-16.647,71	-16.613,36	-16.689,47	-49.950,55	-58.438,71	-58.452,46	-59.011,44	-175.902,61
2/2/2021 12:39:00 PM	60.562,66	60.578,78	61.146,23	182.264,88	-95,86	-95,88	-95,91	-95,89	-17.223,84	-17.186,60	-17.275,68	-51.686,11	-58.052,44	-58.084,79	-58.645,59	-174.782,81
2/2/2021 12:40:00 PM	61.128,24	61.138,07	61.709,35	183.953,08	-95,70	-95,74	-95,76	-95,75	-17.709,96	-17.631,38	-17.739,54	-53.080,89	-58.497,23	-58.535,80	-59.095,20	-176.128,22
2/2/2021 12:41:00 PM	61.074,38	61.072,65	61.639,10	183.763,64	-95,84	-95,87	-95,90	-95,88	-17.402,13	-17.351,64	-17.428,83	-52.182,59	-58.533,32	-58.551,19	-59.114,39	-176.198,91
2/2/2021 12:42:00 PM	60.922,24	60.886,60	61.525,84	183.311,83	-96,34	-96,40	-96,45	-96,41	-16.300,24	-16.170,92	-16.221,74	-48.692,90	-58.691,77	-58.695,29	-59.339,37	-176.726,42
2/2/2021 12:43:00 PM	61.667,89	61.559,71	62.238,26	185.440,58	-95,55	-95,59	-95,68	-95,62	-18.164,90	-18.067,95	-18.062,11	-54.294,95	-58.921,57	-58.843,06	-59.549,39	-177.314,03
2/2/2021 12:44:00 PM	61.474,63	61.554,77	62.224,09	185.226,38	-95,54	-95,67	-95,66	-95,64	-18.123,30	-17.886,73	-18.097,28	-54.107,32	-58.731,73	-58.892,02	-59.523,66	-177.147,41
2/2/2021 12:45:00 PM	61.125,73	61.051,69	61.827,85	183.978,48	-94,91	-95,04	-95,12	-95,04	-19.221,47	-18.965,82	-19.039,08	-57.226,38				

Potencia Neta TG 2 Neh_360MW



Potencia Neuenco TG 2

2/2/2021 8:59:00 AM - 2/2/2021 10:00:00 AM (Server Local)

PROMEDIO	78.188,03	78.251,87	78.771,95	235.188,37	-98,95	-98,97	-98,96	-98,97	-11.209,13	-11.120,80	-11.205,69	-33.535,62	-77.363,15	-77.445,79	-77.952,69	232.761,63
DESV EST	215,28	197,26	203,54	603,45	0,20	0,20	0,20	0,20	1119,25	1124,17	1113,16	3353,82	180,97	178,33	161,23	502,64
%DESV EST	0,2753%	0,2521%	0,2584%	0,2566%	-0,2059%	-0,2054%	-0,2016%	-0,2043%	-9,9852%	-10,1087%	-9,9339%	-10,0008%	-0,2339%	-0,2303%	-0,2068%	0,2159%
DATOS	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
Timestamp	NEH_Gx.CT_NEH_2T G Apparent Power A (kVA)	NEH_Gx.CT_NEH_2T G Apparent Power B (kVA)	NEH_Gx.CT_NEH_2T G Apparent Power C (kVA)	NEH_Gx.CT_NEH_2T G Apparent Power (kVA)	NEH_Gx.CT_NEH_2T G Power Factor A (%)	NEH_Gx.CT_NEH_2T G Power Factor B (%)	NEH_Gx.CT_NEH_2T G Power Factor C (%)	NEH_Gx.CT_NEH_2T G Power Factor (%)	NEH_Gx.CT_NEH_2T G Reactive Power A (kVAR)	NEH_Gx.CT_NEH_2T G Reactive Power B (kVAR)	NEH_Gx.CT_NEH_2T G Reactive Power C (kVAR)	NEH_Gx.CT_NEH_2T G Reactive Power (kVAR)	NEH_Gx.CT_NEH_2T G Real Power A (kW)	NEH_Gx.CT_NEH_2T G Real Power B (kW)	NEH_Gx.CT_NEH_2T G Real Power C (kW)	NEH_Gx.CT_NEH_2T G Real Power (kW)
2/2/2021 9:00:00 AM	78.022,89	78.151,09	78.685,89	234.832,77	-99,24	-99,28	-99,25	-99,27	-9.521,16	-9.333,56	-9.498,44	-28.353,16	-77.428,45	-77.587,19	-78.099,20	-233.114,81
2/2/2021 9:01:00 AM	77.684,16	77.770,18	78.381,01	233.810,06	-99,09	-99,13	-99,12	-99,12	-10.380,44	-10.216,07	-10.319,99	-30.916,50	-76.977,20	-77.091,78	-77.688,03	-231.757,00
2/2/2021 9:02:00 AM	78.095,59	78.206,16	78.698,62	234.976,48	-99,24	-99,27	-99,26	-99,27	-9.526,45	-9.371,32	-9.502,65	-28.400,42	-77.502,46	-77.638,91	-78.112,51	-233.253,88
2/2/2021 9:03:00 AM	77.863,77	78.121,52	78.698,06	234.657,45	-99,05	-99,13	-99,08	-99,10	-10.654,46	-10.230,89	-10.541,63	-31.426,98	-77.121,29	-77.444,41	-77.977,77	-232.543,45
2/2/2021 9:04:00 AM	78.052,30	78.122,48	78.582,16	234.733,25	-99,13	-99,15	-99,13	-99,15	-10.205,83	-10.156,12	-10.237,48	-30.599,43	-77.372,26	-77.455,75	-77.902,26	-232.730,28
2/2/2021 9:05:00 AM	77.807,25	77.921,84	78.389,60	234.090,59	-99,03	-99,05	-99,03	-99,05	-10.754,48	-10.650,05	-10.790,48	-32.195,01	-77.049,18	-77.185,42	-77.631,49	-231.866,09
2/2/2021 9:06:00 AM	77.581,56	77.707,52	78.181,09	233.446,41	-99,25	-99,27	-99,25	-99,27	-9.403,48	-9.343,15	-9.476,60	-28.223,22	-76.999,88	-77.140,16	-77.594,03	-231.734,08
2/2/2021 9:07:00 AM	78.095,49	78.227,03	78.693,71	234.990,14	-99,21	-99,24	-99,21	-99,23	-9.715,99	-9.604,05	-9.753,32	-29.073,36	-77.478,12	-77.630,82	-78.075,77	-233.184,72
2/2/2021 9:08:00 AM	78.195,80	78.244,21	78.777,13	235.191,83	-99,34	-99,37	-99,36	-99,37	-8.880,17	-8.750,86	-8.820,62	-26.451,65	-77.679,42	-77.749,31	-78.270,88	-233.699,61
2/2/2021 9:09:00 AM	78.013,84	78.086,02	78.587,50	234.663,72	-98,94	-98,97	-98,96	-98,97	-11.269,35	-11.162,68	-11.231,13	-33.663,16	-77.185,84	-77.280,33	-77.770,47	-232.236,64
2/2/2021 9:10:00 AM	77.960,09	78.088,91	78.695,23	234.717,14	-99,12	-99,17	-99,15	-99,16	-10.239,97	-10.002,97	-10.169,27	-30.412,21	-77.273,95	-77.440,53	-78.024,05	-232.738,55
2/2/2021 9:11:00 AM	78.245,15	78.445,59	78.790,83	235.456,84	-98,93	-98,96	-98,92	-98,95	-11.330,36	-11.252,82	-11.458,73	-34.041,91	-77.410,20	-77.630,25	-77.942,53	-232.982,95
2/2/2021 9:12:00 AM	78.147,36	78.241,27	78.722,54	235.084,89	-99,16	-99,18	-99,17	-99,18	-10.019,97	-9.935,68	-10.049,15	-30.004,79	-77.491,76	-77.603,17	-78.067,28	-233.162,20
2/2/2021 9:13:00 AM	78.001,55	78.072,68	78.550,99	234.600,47	-99,10	-99,11	-99,10	-99,12	-10.365,46	-10.348,41	-10.409,89	-31.123,76	-77.299,71	-77.379,82	-77.847,23	-232.526,75
2/2/2021 9:14:00 AM	78.213,81	78.339,76	78.789,03	235.318,28	-98,74	-98,77	-98,75	-98,76	-12.291,33	-12.242,70	-12.357,48	-36.891,52	-77.231,84	-77.373,48	-77.803,18	-232.408,50
2/2/2021 9:15:00 AM	78.169,88	78.295,92	78.798,04	235.238,42	-98,90	-98,94	-98,92	-98,93	-11.476,97	-11.335,71	-11.467,89	-34.280,57	-77.312,28	-77.466,95	-77.948,01	-232.727,22
2/2/2021 9:16:00 AM	78.015,75	78.084,25	78.639,24	234.714,19	-99,04	-99,08	-99,07	-99,07	-10.694,37	-10.548,52	-10.618,81	-31.861,71	-77.269,59	-77.363,63	-77.908,34	-232.541,55
2/2/2021 9:17:00 AM	78.200,35	78.334,30	78.822,95	235.333,00	-99,04	-99,08	-99,06	-99,07	-10.734,17	-10.589,78	-10.711,54	-32.035,49	-77.450,53	-77.611,02	-78.080,79	-233.142,33
2/2/2021 9:18:00 AM	78.337,48	78.433,65	78.909,66	235.654,61	-99,17	-99,20	-99,21	-99,21	-9.972,57	-9.847,01	-9.795,12	-29.614,71	-77.689,38	-77.808,86	-78.288,12	-233.786,38
2/2/2021 9:19:00 AM	78.181,63	78.304,90	78.766,46	235.228,61	-98,81	-98,84	-98,83	-98,84	-11.965,90	-11.851,44	-11.922,85	-35.740,20	-77.250,63	-77.398,70	-77.848,28	-232.497,61
2/2/2021 9:20:00 AM	77.898,56	78.023,56	78.405,95	234.304,73	-99,24	-99,25	-99,24	-99,25	-9.501,10	-9.484,18	-9.570,52	-28.555,80	-77.307,52	-77.441,42	-77.809,19	-232.558,11
2/2/2021 9:21:00 AM	78.433,50	78.518,48	79.057,36	235.984,47	-98,80	-98,84	-98,82	-98,83	-12.039,39	-11.905,52	-12.012,62	-35.957,53	-77.493,76	-77.606,88	-78.128,28	-233.228,91
2/2/2021 9:22:00 AM	78.212,88	78.000,48	78.732,80	234.922,17	-98,78	-98,79	-98,84	-98,81	-12.100,75	-12.080,11	-11.914,60	-36.095,46	-77.262,09	-77.054,89	-77.815,63	-232.132,63
2/2/2021 9:23:00 AM	78.086,39	78.191,38	78.653,62	234.905,78	-99,11	-99,13	-99,11	-99,13	-10.333,98	-10.272,27	-10.398,41	-31.004,66	-77.389,19	-77.509,48	-77.952,01	-232.850,69
2/2/2021 9:24:00 AM	77.981,63	77.874,35	78.643,55	234.473,91	-98,96	-99,00	-99,02	-99,01	-11.146,47	-10.952,27	-10.895,01	-32.993,75	-77.170,62	-77.095,94	-77.874,41	-232.140,97
2/2/2021 9:25:00 AM	78.012,79	78.086,18	78.540,08	234.616,06	-99,07	-99,09	-99,07	-99,09	-10.530,68	-10.512,85	-10.616,49	-31.660,01	-77.289,38	-77.371,78	-77.808,92	-232.470,06
2/2/2021 9:26:00 AM	78.127,03	78.180,20	78.625,00	234.910,98	-99,17	-99,18	-99,17	-99,18	-9.983,58	-9.982,75	-10.058,63	-30.024,97	-77.477,96	-77.537,02	-77.969,31	-232.984,28
2/2/2021 9:27:00 AM	78.239,75	78.276,66	78.814,96	235.307,81	-99,26	-99,28	-99,27	-99,28	-9.412,16	-9.325,78	-9.399,45	-28.137,38	-77.662,04	-77.715,34	-78.242,09	-233.619,45
2/2/2021 9:28:00 AM	78.338,91	78.345,32	78.850,69	235.512,64	-98,77	-98,79	-98,80	-98,80	-12.170,42	-12.122,64	-12.097,21	-36.390,28	-77.378,50	-77.907,27	-78.007,27	-232.684,23
2/2/2021 9:29:00 AM	78.170,82	78.225,05	78.724,77	235.097,39	-98,99	-99,01	-99,00	-99,01	-11.025,80	-10.975,49	-11.050,57	-33.051,86	-77.379,87	-77.447,78	-77.934,80	-232.762,45
2/2/2021 9:30:00 AM	78.160,27	78.176,55	78.650,74	234.966,89	-99,09	-99,11	-99,13	-99,12	-10.444,84	-10.395,63	-10.294,01	-31.134,48	-77.451,10	-77.479,17	-77.964,74	-232.895,02
2/2/2021 9:31:00 AM	78.309,68	78.355,59	78.849,58	235.491,72	-98,95	-98,96	-98,96	-98,97	-11.252,31	-11.229,47	-11.282,99	-33.764,78	-77.487,98	-77.542,84	-78.027,75	-233.058,56
2/2/2021 9:32:00 AM	77.923,91	77.965,47	78.575,59	234.443,41	-98,71	-98,75	-98,74	-98,74	-12.418,30	-12.276,95	-12.355,29	-37.050,55	-76.919,67	-76.989,13	-77.588,43	-231.497,22
2/2/2021 9:33:00 AM	78.079,26	78.142,19	78.645,61	234.845,45	-98,83	-98,85	-98,84	-98,85	-11.856,04	-11.806,05	-11.893,52	-35.555,60	-77.165,22	-77.241,82	-77.731,26	-232.138,31
2/2/2021 9:34:00 AM	77.925,04	77.979,05	78.466,29	234.349,47	-99,25	-99,26	-99,25	-99,26	-9.452,51	-9.416,14	-9.509,27	-28.377,92	-77.341,36	-77.405,29	-77.878,29	-232.624,95
2/2/2021 9:35:00 AM	78.290,20	78.341,73	78.815,68	235.425,03	-98,92	-98,93	-98,92	-98,93	-11.429,75	-11.411,10	-11.485,30	-34.326,16	-77.442,56	-77.502,46	-77.964,09	-232.909,13
2/2/2021 9:36:00 AM	78.092,12	78.142,13	78.649,72	234.863,16	-98,94	-98,96	-98,94	-98,96	-11.292,33	-11.235,88	-11.335,28	-33.863,49	-77.263,13	-77.326,91	-77.819,02	-232.409,06
2/2/2021 9:37:00 AM	78.171,50	78.270,05	78.711,95	235.132,52	-99,07	-99,08	-99,06	-99,08	-10.571,48	-10.556,03	-10.673,01	-31.800,52	-77.445,10	-77.551,87	-77.975,19	-232.972,17
2/2/2021 9:38:00 AM	78.251,29	78.334,70	78.804,60	235.369,92	-99,04	-99,06	-99,04	-99,06	-10.736,31	-10.687,75	-10.804,42	-32.228,48	-77.503,09	-77.598,92	-78.050,99	-233.153,00
2/2/2021 9:39:00 AM	78.083,66	78.168,49	78.660,84	234.892,19	-99,08	-99,10	-99,08	-99,10	-10.505,58	-10.432,64	-10.558,06	-31.496,29	-77.365,56	-77.465,99	-77.939,41	-232.770,95
2/2/2021 9:40:00 AM	78.500,31	78.529,55	79.008,38	236.015,58	-98,68	-98,68	-98,68	-98,69	-12.677,00	-12.687,77	-12.732,94	-38.097,71	-77.460,88	-77.494,08	-77.965,45	-232.920,41
2/2/2021 9:41:00 AM	78.386,28	78.454,46	78.923,41	235.741,05	-98,95	-98,97	-98,95	-98,97	-11.241,69	-11.213,57	-11.305,25	-33.760,50	-77.566,98	-77.645,11	-78.099,00	-233.311,08
2/2/2021 9:42:00 AM	78.275,36	78.314,42	78.910,05	235.477,00	-98,64	-98,68	-98,67	-98,67	-12.820,12	-12.676,68	-12.761,36	-38.258,16	-77.209,36	-77.277,81	-77.861,12	-232.348,30
2/2/2021 9:43:00 AM	78.498,47	78.593,34	79.106,09	236.173,63	-98,96	-98,99	-98,97	-98,98	-11.228,77	-11.124,14	-11.245,26	-33.598,18	-77.682,20	-77.798,02	-78.291,35	-233.771,56
2/2/2021 9:44:00 AM	78.315,53	78.341,30	78.938,63	235.572,27	-98,80	-98,83	-98,82	-98,83	-12.049,61	-11.917,21	-12.002,13	-35.968,95	-77.373,72	-77.425,66	-78.010,70	-232.810,06
2/2/2021 9:45:00 AM	78.531,85	78.512,09	79.086,40	236.108,34	-98,67	-98,69	-98,70	-98,69	-							

Potencia Neta TG 2 Neh_395MW



Potencia Nehuenco TG 2

2/2/2021 7:29:00 AM - 2/2/2021 8:30:00 AM (Server Local)

PROMEDIO	86.502,33	86.591,13	87.083,03	260.150,06	-99,76	-99,78	-99,77	-99,78	-5.753,26	-5.580,42	-5.681,99	-17.015,67	-86.293,48	-86.400,67	-86.878,91	259.573,06
DESV EST	156,21	171,05	163,41	456,65	0,08	0,08	0,08	0,08	1087,39	1062,49	1091,03	3234,69	182,07	187,14	177,98	513,54
%DESV EST	0,1806%	0,1975%	0,1877%	0,1755%	-0,0835%	-0,0788%	-0,0819%	-0,0810%	-18,9003%	-19,0396%	-19,2016%	-19,0101%	-0,2110%	-0,2166%	-0,2049%	0,1978%
DATOS	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
Timestamp	NEH_Gx.CT_NEH_2T G Apparent Power A (kVA)	NEH_Gx.CT_NEH_2 TG Apparent Power B (kVA)	NEH_Gx.CT_NEH_2T G Apparent Power C (kVA)	NEH_Gx.CT_NEH_2 TG Apparent Power (kVA)	NEH_Gx.CT_NEH_2T G Power Factor A (%)	NEH_Gx.CT_NEH_2T G Power Factor B (%)	NEH_Gx.CT_NEH_2T G Power Factor C (%)	NEH_Gx.CT_NEH_2T G Power Factor (%)	NEH_Gx.CT_NEH_2T G Reactive Power A (kVAR)	NEH_Gx.CT_NEH_2T G Reactive Power B (kVAR)	NEH_Gx.CT_NEH_2T G Reactive Power C (kVAR)	NEH_Gx.CT_NEH_2T G Reactive Power (kVAR)	NEH_Gx.CT_NEH_2T G Real Power A (kW)	NEH_Gx.CT_NEH_2T G Real Power B (kW)	NEH_Gx.CT_NEH_2T G Real Power C (kW)	NEH_Gx.CT_NEH_2T G Real Power (kW)
2/2/2021 7:30:00 AM	86.769,34	86.845,62	87.303,20	260.894,02	-99,90	-99,91	-99,90	-99,91	-3.674,16	-3.548,78	-3.604,33	-10.827,26	-86.681,44	-86.769,83	-87.217,99	-260.669,27
2/2/2021 7:31:00 AM	86.354,23	86.407,35	86.901,13	259.636,02	-99,74	-99,76	-99,75	-99,76	-6.030,06	-5.894,60	-5.942,38	-17.867,04	-86.132,38	-86.202,00	-86.686,13	-259.020,50
2/2/2021 7:32:00 AM	86.367,98	86.470,23	87.214,48	260.023,02	-99,76	-99,80	-99,79	-99,79	-5.842,19	-5.430,80	-5.461,84	-16.734,84	-86.158,24	-86.294,84	-87.030,85	-259.483,94
2/2/2021 7:33:00 AM	86.551,59	86.622,59	87.105,73	260.254,30	-99,74	-99,76	-99,75	-99,76	-6.092,98	-5.932,31	-6.010,29	-18.035,58	-86.326,21	-86.415,55	-86.886,84	-259.628,61
2/2/2021 7:34:00 AM	86.765,09	86.928,05	87.176,62	260.842,84	-99,80	-99,81	-99,79	-99,81	-5.336,00	-5.323,70	-5.498,69	-16.158,39	-86.589,78	-86.760,88	-86.991,22	-260.341,89
2/2/2021 7:35:00 AM	86.519,72	86.607,46	87.274,84	260.375,81	-99,75	-99,78	-99,77	-99,78	-6.003,60	-5.633,75	-5.715,55	-17.352,90	-86.300,55	-86.420,44	-87.075,94	-259.796,92
2/2/2021 7:36:00 AM	86.629,23	86.700,81	87.245,64	260.549,14	-99,80	-99,83	-99,81	-99,82	-5.282,86	-5.025,18	-5.139,00	-15.447,04	-86.457,16	-86.551,13	-87.082,55	-260.090,84
2/2/2021 7:37:00 AM	86.282,61	86.348,09	86.877,27	259.482,69	-99,79	-99,81	-99,80	-99,81	-5.486,73	-5.310,54	-5.341,35	-16.138,62	-86.097,80	-86.181,00	-86.701,52	-258.980,33
2/2/2021 7:38:00 AM	86.654,87	86.741,37	87.153,18	260.524,00	-99,71	-99,73	-99,71	-99,73	-6.451,71	-6.375,12	-6.441,01	-19.267,83	-86.404,06	-86.503,23	-86.903,23	-259.810,52
2/2/2021 7:39:00 AM	86.682,30	86.740,00	87.180,20	260.578,52	-99,89	-99,91	-99,90	-99,91	-3.759,06	-3.682,41	-3.709,34	-11.150,81	-86.590,98	-86.658,49	-87.090,36	-260.339,81
2/2/2021 7:40:00 AM	86.738,63	86.692,89	87.151,73	260.557,25	-99,82	-99,83	-99,83	-99,83	-5.016,71	-5.020,36	-4.950,67	-14.987,74	-86.583,27	-86.543,33	-86.999,24	-260.125,83
2/2/2021 7:41:00 AM	86.540,92	86.601,02	87.114,19	260.229,30	-99,72	-99,74	-99,73	-99,74	-6.336,48	-6.129,57	-6.233,44	-18.699,49	-86.297,85	-86.379,79	-86.878,95	-259.556,59
2/2/2021 7:42:00 AM	86.547,10	86.599,45	87.119,49	260.236,94	-99,66	-99,68	-99,67	-99,68	-7.015,89	-6.825,86	-6.913,72	-20.755,47	-86.250,98	-86.324,56	-86.832,38	-259.407,91
2/2/2021 7:43:00 AM	86.632,57	86.713,50	87.191,29	260.509,80	-99,83	-99,84	-99,83	-99,84	-4.905,27	-4.788,22	-4.807,49	-14.500,99	-86.482,63	-86.576,66	-87.046,61	-260.105,89
2/2/2021 7:44:00 AM	86.348,41	86.392,19	87.008,53	259.721,92	-99,76	-99,79	-99,78	-99,79	-5.826,33	-5.572,08	-5.602,82	-17.001,23	-86.140,72	-86.208,09	-86.816,05	-259.164,88
2/2/2021 7:45:00 AM	86.683,30	86.690,15	87.293,69	260.639,11	-99,80	-99,82	-99,82	-99,83	-5.269,09	-5.080,62	-5.053,01	-15.402,72	-86.511,77	-86.536,17	-87.135,65	-260.183,59
2/2/2021 7:46:00 AM	86.594,72	86.398,95	87.083,94	260.049,64	-99,83	-99,84	-99,85	-99,85	-4.875,51	-4.795,16	-4.574,39	-14.245,06	-86.446,32	-86.261,39	-86.951,48	-259.659,19
2/2/2021 7:47:00 AM	86.696,68	86.686,15	87.407,90	260.763,97	-99,77	-99,79	-99,79	-99,80	-5.768,35	-5.490,15	-5.406,58	-16.665,09	-86.493,96	-86.508,25	-87.228,69	-260.230,91
2/2/2021 7:48:00 AM	86.367,35	86.450,99	86.901,01	259.693,63	-99,86	-99,88	-99,87	-99,88	-4.311,38	-4.179,95	-4.267,04	-12.758,38	-86.249,30	-86.346,27	-86.784,47	-259.380,03
2/2/2021 7:49:00 AM	86.260,89	86.216,23	86.781,99	259.232,30	-99,68	-99,69	-99,70	-99,70	-6.753,44	-6.681,80	-6.579,76	-20.015,00	-85.985,28	-85.952,93	-86.520,27	-258.458,50
2/2/2021 7:50:00 AM	86.528,96	86.515,10	87.015,23	260.032,39	-99,82	-99,83	-99,83	-99,84	-4.976,77	-4.910,99	-4.886,70	-14.774,46	-86.375,02	-86.371,81	-86.865,52	-259.612,36
2/2/2021 7:51:00 AM	86.544,63	86.747,45	87.056,91	260.320,78	-99,78	-99,79	-99,77	-99,79	-5.633,47	-5.539,97	-5.739,56	-16.912,99	-86.350,02	-86.566,13	-86.854,65	-259.770,80
2/2/2021 7:52:00 AM	86.624,66	86.835,95	87.195,63	260.626,66	-99,74	-99,76	-99,73	-99,75	-6.124,27	-5.923,25	-6.196,30	-18.243,82	-86.396,19	-86.628,83	-86.962,32	-259.987,33
2/2/2021 7:53:00 AM	86.598,09	86.646,40	87.165,50	260.382,50	-99,79	-99,81	-99,80	-99,81	-5.456,90	-5.295,36	-5.353,07	-16.105,33	-86.415,11	-86.480,04	-86.988,78	-259.883,94
2/2/2021 7:54:00 AM	86.440,65	86.495,27	87.015,73	259.925,88	-99,80	-99,82	-99,81	-99,82	-5.256,97	-5.060,83	-5.172,65	-15.490,45	-86.270,27	-86.343,39	-86.850,23	-259.463,88
2/2/2021 7:55:00 AM	86.253,27	86.352,20	86.812,65	259.392,55	-99,78	-99,80	-99,79	-99,80	-5.541,14	-5.393,43	-5.495,44	-16.430,02	-86.064,79	-86.180,13	-86.626,77	-258.871,69
2/2/2021 7:56:00 AM	86.130,87	86.207,70	86.640,17	258.953,30	-99,89	-99,91	-99,89	-99,91	-3.743,29	-3.654,46	-3.715,31	-11.113,05	-86.039,23	-86.126,62	-86.548,87	-258.714,72
2/2/2021 7:57:00 AM	86.569,07	86.656,89	87.087,00	260.288,16	-99,91	-99,92	-99,91	-99,92	-3.495,28	-3.392,40	-3.456,90	-10.344,57	-86.488,48	-86.587,15	-87.006,89	-260.082,52
2/2/2021 7:58:00 AM	86.407,35	86.468,79	86.955,55	259.806,47	-99,87	-99,89	-99,87	-99,89	-4.177,30	-3.965,77	-4.138,75	-12.281,82	-86.296,33	-86.374,31	-86.845,35	-259.515,98
2/2/2021 7:59:00 AM	86.217,90	86.263,25	86.760,12	259.213,59	-99,72	-99,74	-99,73	-99,74	-6.293,24	-6.137,96	-6.219,97	-18.651,17	-85.977,26	-86.040,09	-86.524,38	-258.541,72
2/2/2021 8:00:00 AM	86.411,79	86.360,25	86.863,52	259.606,94	-99,79	-99,80	-99,79	-99,81	-5.443,09	-5.366,92	-5.368,38	-16.178,39	-86.228,42	-86.188,82	-86.685,10	-259.102,34
2/2/2021 8:01:00 AM	86.696,76	86.609,78	87.192,53	260.470,00	-99,76	-99,77	-99,78	-99,78	-5.815,89	-5.762,32	-5.630,70	-17.208,90	-86.489,93	-86.412,96	-86.997,98	-259.900,88
2/2/2021 8:02:00 AM	86.391,45	86.506,03	86.963,50	259.834,34	-99,66	-99,68	-99,66	-99,68	-6.997,82	-6.833,45	-6.974,75	-20.806,02	-86.097,00	-86.231,70	-86.671,29	-259.000,00
2/2/2021 8:03:00 AM	86.590,11	86.633,28	87.143,74	260.341,77	-99,81	-99,83	-99,82	-99,83	-5.164,38	-4.995,48	-5.078,08	-15.237,94	-86.425,74	-86.485,66	-86.984,05	-259.895,45
2/2/2021 8:04:00 AM	86.647,05	86.716,88	87.256,23	260.594,28	-99,74	-99,76	-99,75	-99,76	-6.132,73	-5.926,06	-6.008,96	-18.067,74	-86.419,41	-86.510,45	-87.037,34	-259.967,19
2/2/2021 8:05:00 AM	86.569,55	86.615,08	87.120,43	260.279,16	-99,75	-99,78	-99,76	-99,77	-5.923,50	-5.746,02	-5.844,24	-17.513,76	-86.356,31	-86.420,61	-86.912,32	-259.689,23
2/2/2021 8:06:00 AM	86.735,27	86.780,51	87.307,97	260.798,92	-99,65	-99,68	-99,67	-99,68	-7.088,80	-6.911,01	-6.983,45	-20.983,26	-86.435,15	-86.501,41	-87.016,87	-259.953,42
2/2/2021 8:07:00 AM	86.199,47	86.328,46	86.747,47	259.249,92	-99,76	-99,78	-99,76	-99,78	-5.811,99	-5.628,17	-5.858,15	-17.298,32	-85.993,22	-86.141,04	-86.537,91	-258.672,17
2/2/2021 8:08:00 AM	86.391,32	86.509,57	86.962,29	259.838,42	-99,79	-99,81	-99,80	-99,81	-5.407,19	-5.312,52	-5.364,31	-16.084,02	-86.211,96	-86.342,80	-86.785,38	-259.340,14
2/2/2021 8:09:00 AM	86.475,04	86.582,03	87.087,77	260.119,95	-99,65	-99,68	-99,66	-99,67	-7.077,84	-6.888,35	-7.014,71	-20.980,89	-86.174,91	-86.303,91	-86.793,60	-259.272,41
2/2/2021 8:10:00 AM	86.630,51	86.758,70	87.197,87	260.562,53	-99,78	-99,80	-99,78	-99,80	-5.594,02	-5.452,91	-5.581,13	-16.628,06	-86.439,84	-86.583,65	-87.007,91	-260.031,39
2/2/2021 8:11:00 AM	86.569,48	86.683,97	87.138,21	260.366,41	-99,81	-99,82	-99,81	-99,82	-5.204,05	-5.077,51	-5.177,72	-15.459,28	-86.402,87	-86.531,29	-86.972,90	-259.907,06
2/2/2021 8:12:00 AM	86.493,94	86.615,56	87.063,21	260.148,41	-99,83	-99,85	-99,83	-99,84	-4.886,42	-4.712,16	-4.882,96	-14.481,54	-86.346,13	-86.483,77	-86.915,14	-259.745,05
2/2/2021 8:13:00 AM	86.551,55	86.681,46	87.100,30	260.308,78	-99,89	-99,91	-99,89	-99,91	-3.773,17	-3.647,24	-3.776,46	-11.196,87	-86.459,48	-86.601,20	-87.007,20	-260.067,88
2/2/2021 8:14:00 AM	86.636,88	86.754,65	87.189,41	260.556,44	-99,86	-99,88	-99,86	-99,88	-4.311,50	-4.172,30	-4.311,32	-12.795,12	-86.519,80	-86.650,74	-87.071,55	-260.242,09
2/2/2021 8:15:00 AM	86.442,23	86.579,45	87.015,82	260.012,16	-99,76	-99,78	-99,76	-99,77	-5.882,28	-5.694,78	-5.872,75	-17.449,81	-86.231,96	-86.388,14	-86.805,85	-259.425,95

Potencia Neta TV 2 Neh_195MW



Potencia TV 2 Nehuenco

2/2/2021 5:59:00 PM - 2/2/2021 7:00:00 PM (Server Local)

PROMEDIO	28.538,81	29.354,79	29.029,23	86.906,66	-99,70	-99,86	-99,89	-99,83	-2.158,28	-1.470,14	-1.267,64	-4.896,06	-28.452,56	-29.313,38	-28.997,14	86.763,08
DESV EST	139,79	135,52	133,11	405,35	0,09	0,06	0,05	0,06	326,16	336,59	327,93	989,41	139,85	136,13	134,08	407,22
%DESV EST	0,4898%	0,4617%	0,4585%	0,4664%	-0,0861%	-0,0571%	-0,0493%	-0,0638%	-15,1119%	-22,8952%	-25,8692%	-20,2083%	-0,4915%	-0,4644%	-0,4624%	0,4693%
DATOS	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
Timestamp	NEH_Gx.CT_NEH_2T V Apparent Power A (kVA)	NEH_Gx.CT_NEH_2T V Apparent Power B (kVA)	NEH_Gx.CT_NEH_2T V Apparent Power C (kVA)	NEH_Gx.CT_NEH_2T V Apparent Power (kVA)	NEH_Gx.CT_NEH_2T V Power Factor A (%)	NEH_Gx.CT_NEH_2T V Power Factor B (%)	NEH_Gx.CT_NEH_2T V Power Factor C (%)	NEH_Gx.CT_NEH_2T V Power Factor (%)	NEH_Gx.CT_NEH_2T V Reactive Power A (kVAR)	NEH_Gx.CT_NEH_2T V Reactive Power B (kVAR)	NEH_Gx.CT_NEH_2T V Reactive Power C (kVAR)	NEH_Gx.CT_NEH_2T V Reactive Power (kVAR)	NEH_Gx.CT_NEH_2T V Real Power A (kW)	NEH_Gx.CT_NEH_2T V Real Power B (kW)	NEH_Gx.CT_NEH_2T V Real Power C (kW)	NEH_Gx.CT_NEH_2T V Real Power (kW)
2/2/2021 6:00:00 PM	28.503,57	29.330,96	28.966,84	86.785,23	-99,59	-99,78	-99,82	-99,75	-2.544,72	-1.888,87	-1.694,36	-6.127,95	-28.386,85	-29.267,32	-28.914,44	-86.568,61
2/2/2021 6:01:00 PM	28.685,67	29.507,43	29.142,29	87.319,63	-99,74	-99,88	-99,91	-99,86	-2.026,23	-1.381,01	-1.168,13	-4.575,36	-28.611,28	-29.472,33	-29.116,07	-87.199,67
2/2/2021 6:02:00 PM	28.664,34	29.490,50	29.157,33	87.295,17	-99,59	-99,79	-99,82	-99,75	-2.561,36	-1.868,68	-1.679,82	-6.109,85	-28.546,66	-29.428,29	-29.106,14	-87.081,09
2/2/2021 6:03:00 PM	28.469,08	29.260,60	28.905,73	86.618,30	-99,46	-99,69	-99,74	-99,65	-2.921,72	-2.275,58	-2.053,75	-7.251,05	-28.315,70	-29.168,86	-28.829,71	-86.314,27
2/2/2021 6:04:00 PM	28.481,74	29.336,08	28.982,24	86.783,49	-99,78	-99,92	-99,94	-99,90	-1.821,40	-1.134,80	-959,16	-3.915,37	-28.420,36	-29.311,29	-28.963,47	-86.695,13
2/2/2021 6:05:00 PM	28.372,66	29.272,14	28.853,58	86.483,01	-99,69	-99,85	-99,87	-99,83	-2.180,81	-1.525,68	-1.391,71	-5.098,19	-28.285,80	-29.229,53	-28.817,28	-86.332,61
2/2/2021 6:06:00 PM	28.595,71	29.431,70	29.090,70	87.100,22	-99,61	-99,80	-99,83	-99,77	-2.491,49	-1.798,18	-1.622,96	-5.912,62	-28.483,60	-29.373,44	-29.042,26	-86.899,30
2/2/2021 6:07:00 PM	28.717,73	29.543,13	29.200,09	87.444,83	-99,61	-99,80	-99,84	-99,77	-2.486,42	-1.805,02	-1.615,70	-5.907,14	-28.607,14	-29.485,25	-29.152,69	-87.245,09
2/2/2021 6:08:00 PM	28.298,47	29.137,55	28.781,32	86.200,80	-99,68	-99,85	-99,88	-99,83	-2.207,40	-1.531,02	-1.348,15	-5.086,57	-28.209,31	-29.094,41	-28.746,88	-86.050,59
2/2/2021 6:09:00 PM	28.645,78	29.465,94	29.121,66	87.216,98	-99,67	-99,84	-99,87	-99,81	-2.292,41	-1.623,05	-1.420,66	-5.336,13	-28.551,01	-29.418,32	-29.084,26	-87.053,59
2/2/2021 6:10:00 PM	28.720,31	29.548,71	29.219,15	87.471,22	-99,80	-99,92	-99,95	-99,91	-1.752,06	-1.066,68	-865,69	-3.684,44	-28.663,80	-29.526,46	-29.203,31	-87.393,58
2/2/2021 6:11:00 PM	28.613,35	29.427,84	29.104,89	87.129,34	-99,69	-99,86	-99,89	-99,83	-2.201,26	-1.513,10	-1.308,10	-5.022,46	-28.525,63	-29.386,03	-29.072,80	-86.984,46
2/2/2021 6:12:00 PM	28.186,86	29.029,83	28.692,86	85.892,45	-99,67	-99,85	-99,88	-99,82	-2.243,14	-1.542,18	-1.371,73	-5.157,05	-28.094,41	-28.985,88	-28.657,20	-85.737,48
2/2/2021 6:13:00 PM	28.622,88	29.475,03	29.128,93	87.210,57	-99,85	-99,95	-99,96	-99,94	-1.535,12	-846,46	-665,73	-3.047,32	-28.578,81	-29.459,95	-29.118,55	-87.157,31
2/2/2021 6:14:00 PM	28.601,44	29.454,85	29.116,18	87.156,05	-99,85	-99,95	-99,97	-99,94	-1.494,92	-798,19	-619,49	-2.912,60	-28.559,42	-29.441,12	-29.106,83	-87.107,38
2/2/2021 6:15:00 PM	28.381,56	29.208,12	28.879,30	86.452,31	-99,66	-99,84	-99,87	-99,81	-2.302,82	-1.606,29	-1.417,57	-5.326,67	-28.285,13	-29.161,06	-28.841,86	-86.288,05
2/2/2021 6:16:00 PM	28.773,82	29.599,50	29.246,39	87.603,80	-99,71	-99,86	-99,89	-99,84	-2.166,58	-1.500,81	-1.304,46	-4.971,84	-28.689,28	-29.558,73	-29.214,59	-87.462,60
2/2/2021 6:17:00 PM	28.833,70	29.669,40	29.340,62	87.827,51	-99,61	-99,81	-99,84	-99,77	-2.513,24	-1.806,68	-1.633,16	-5.953,08	-28.721,25	-29.611,74	-29.292,53	-87.625,52
2/2/2021 6:18:00 PM	28.611,18	29.422,94	29.069,37	87.088,45	-99,73	-99,88	-99,91	-99,86	-2.049,28	-1.400,18	-1.181,48	-4.630,93	-28.535,18	-29.387,19	-29.042,86	-86.965,23
2/2/2021 6:19:00 PM	28.587,56	29.343,26	29.001,89	86.917,06	-99,66	-99,82	-99,87	-99,80	-2.328,49	-1.708,06	-1.432,80	-5.469,35	-28.489,99	-29.290,82	-28.963,99	-86.744,81
2/2/2021 6:20:00 PM	28.548,61	29.334,84	28.996,54	86.864,41	-99,66	-99,83	-99,87	-99,81	-2.310,14	-1.661,58	-1.424,46	-5.396,19	-28.452,39	-29.285,21	-28.959,04	-86.696,64
2/2/2021 6:21:00 PM	28.569,23	29.384,55	29.026,81	86.965,22	-99,70	-99,86	-99,89	-99,84	-2.165,99	-1.516,77	-1.306,05	-4.988,81	-28.484,37	-29.342,76	-28.994,88	-86.822,00
2/2/2021 6:22:00 PM	28.688,32	29.454,13	29.127,21	87.253,74	-99,68	-99,84	-99,87	-99,82	-2.266,32	-1.622,10	-1.364,32	-5.252,74	-28.595,99	-29.406,72	-29.092,78	-87.095,49
2/2/2021 6:23:00 PM	28.655,07	29.440,42	29.104,59	87.183,88	-99,72	-99,87	-99,90	-99,85	-2.108,56	-1.460,88	-1.219,39	-4.788,83	-28.574,52	-29.401,36	-29.076,38	-87.052,25
2/2/2021 6:24:00 PM	28.595,77	29.379,49	29.042,46	87.002,46	-99,67	-99,83	-99,88	-99,81	-2.291,21	-1.645,42	-1.402,00	-5.338,62	-28.501,31	-29.330,98	-29.006,23	-86.838,52
2/2/2021 6:25:00 PM	28.639,30	29.390,91	29.059,62	87.074,58	-99,53	-99,73	-99,79	-99,70	-2.748,02	-2.118,70	-1.848,94	-6.715,67	-28.504,76	-29.312,03	-28.998,43	-86.815,22
2/2/2021 6:26:00 PM	28.372,36	29.142,67	28.816,11	86.315,24	-99,71	-99,86	-99,90	-99,84	-2.129,81	-1.485,12	-1.227,99	-4.842,92	-28.289,65	-29.102,20	-28.787,42	-86.179,27
2/2/2021 6:27:00 PM	28.419,18	29.181,95	28.863,61	86.448,57	-99,77	-99,90	-99,93	-99,89	-1.879,44	-1.240,50	-968,33	-4.088,27	-28.354,23	-29.152,83	-28.844,78	-86.351,84
2/2/2021 6:28:00 PM	28.515,69	29.284,04	28.943,94	86.728,57	-99,68	-99,84	-99,88	-99,82	-2.249,69	-1.623,32	-1.360,51	-5.233,52	-28.424,39	-29.236,55	-28.909,58	-86.570,52
2/2/2021 6:29:00 PM	28.496,56	29.243,14	28.924,62	86.648,21	-99,63	-99,80	-99,85	-99,78	-2.433,98	-1.795,23	-1.523,24	-5.752,45	-28.389,76	-29.185,28	-28.882,01	-86.457,05
2/2/2021 6:30:00 PM	28.729,33	29.544,66	29.192,65	87.451,15	-99,72	-99,87	-99,90	-99,85	-2.097,82	-1.439,74	-1.221,99	-4.759,55	-28.650,06	-29.506,96	-29.164,51	-87.321,53
2/2/2021 6:31:00 PM	28.731,14	29.521,92	29.196,76	87.433,89	-99,74	-99,89	-99,92	-99,87	-2.018,27	-1.353,17	-1.117,54	-4.488,97	-28.657,50	-29.488,24	-29.172,83	-87.318,58
2/2/2021 6:32:00 PM	28.728,74	29.498,08	29.176,26	87.387,13	-99,60	-99,79	-99,84	-99,76	-2.526,84	-1.867,88	-1.616,88	-6.011,59	-28.614,84	-29.436,29	-29.128,97	-87.180,11
2/2/2021 6:33:00 PM	28.710,45	29.513,20	29.201,49	87.409,11	-99,74	-99,89	-99,92	-99,87	-2.017,53	-1.327,94	-1.105,45	-4.450,92	-28.636,86	-29.480,71	-29.178,15	-87.295,72
2/2/2021 6:34:00 PM	28.597,47	29.399,06	29.083,09	87.063,65	-99,80	-99,92	-99,95	-99,91	-1.780,23	-1.098,92	-875,86	-3.755,01	-28.539,40	-29.375,88	-29.067,36	-86.982,63
2/2/2021 6:35:00 PM	28.639,80	29.441,61	29.147,43	87.212,35	-99,75	-99,93	-99,96	-99,88	-1.982,97	-1.274,91	-1.059,63	-4.317,51	-28.568,47	-29.411,29	-29.125,66	-87.105,42
2/2/2021 6:36:00 PM	28.474,44	29.273,70	28.952,05	86.683,84	-99,67	-99,84	-99,88	-99,81	-2.293,10	-1.610,42	-1.392,56	-5.296,07	-28.379,28	-29.226,65	-28.915,98	-86.521,91
2/2/2021 6:37:00 PM	28.512,08	29.321,70	29.012,28	86.829,95	-99,65	-99,83	-99,87	-99,80	-2.346,32	-1.645,00	-1.442,73	-5.434,05	-28.412,82	-29.272,99	-28.973,93	-86.659,74
2/2/2021 6:38:00 PM	28.490,94	29.344,83	29.019,86	86.840,10	-99,89	-99,98	-99,97	-99,97	-1.275,38	-574,06	-396,73	-2.246,17	-28.459,76	-29.336,66	-29.014,64	-86.811,05
2/2/2021 6:39:00 PM	28.542,96	29.365,18	29.053,33	86.945,20	-99,70	-99,87	-99,89	-99,84	-2.183,30	-1.474,24	-1.283,44	-4.940,98	-28.456,70	-29.325,55	-29.022,44	-86.804,69
2/2/2021 6:40:00 PM	28.451,38	29.270,71	28.956,08	86.662,08	-99,51	-99,74	-99,78	-99,70	-2.773,75	-2.060,80	-1.881,21	-6.715,75	-28.313,36	-29.195,59	-28.892,51	-86.401,47
2/2/2021 6:41:00 PM	28.463,71	29.263,03	28.963,63	86.674,01	-99,61	-99,81	-99,84	-99,77	-2.490,27	-1.781,87	-1.578,11	-5.850,25	-28.352,02	-29.206,14	-28.918,18	-86.476,34
2/2/2021 6:42:00 PM	28.499,71	29.332,69	29.024,57	86.841,02	-99,77	-99,91	-99,93	-99,89	-1.907,69	-1.193,70	-1.011,42	-4.112,81	-28.433,27	-29.305,83	-29.004,48	-86.743,58
2/2/2021 6:43:00 PM	28.499,07	29.333,65	29.020,50	86.837,56	-99,77	-99,91	-99,93	-99,89	-1.890,59	-1.178,55	-999,02	-4.068,17	-28.433,87	-29.307,48	-29.000,87	-86.742,22
2/2/2021 6:44:00 PM	28.490,11	29.327,29	29.020,60	86.821,55	-99,77	-99,91	-99,93	-99,89	-1.894,68	-1.171,12	-997,27	-4.063,06	-28.424,33	-29.301,21	-29.000,89	-86.726,42
2/2/2021 6:45:00 PM	28.542,25	29.361,69	29.051,87	86.939,30	-99,59	-99,79	-99,83	-99,76	-2.563,34	-1.847,75	-1.665,88	-6.076,98	-28.424,27	-29.300,86	-29.001,52	-86.726,65
2/2/2021 6:46:00 PM	28.669,24	29.491,14	29.178,53	87.322,88	-99,70	-99,87	-99,90	-99,84	-2.177,88	-1.470,02	-1.281,38	-4.9				

Potencia Neta TV 2 Neh_225MW

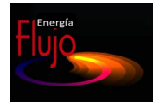


Potencia TV 2 Nehuenco

2/2/2021 4:29:00 PM - 2/2/2021 5:30:00 PM (Server Local)

PROMEDIO	31.112,32	31.879,10	31.450,77	94.426,51	-99,44	-99,61	-99,70	-99,60	-3.223,00	-2.749,06	-2.359,30	-8.331,37	-30.939,34	-31.754,77	-31.356,71	94.050,82
DESV EST	167,11	169,33	169,62	504,84	0,14	0,11	0,10	0,12	395,50	401,99	398,88	1195,92	162,58	166,53	167,73	495,92
%DESV EST	0,5371%	0,5312%	0,5393%	0,5346%	-0,1361%	-0,1134%	-0,0998%	-0,1165%	-12,2711%	-14,6228%	-16,9065%	-14,3545%	-0,5255%	-0,5244%	-0,5349%	0,5273%
DATOS	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
Timestamp	NEH_Gx.CT_NEH_2T V Apparent Power A (kVA)	NEH_Gx.CT_NEH_2 TV Apparent Power B (kVA)	NEH_Gx.CT_NEH_2T V Apparent Power C (kVA)	NEH_Gx.CT_NEH_2 TV Apparent Power (kVA)	NEH_Gx.CT_NEH_2T V Power Factor A (%)	NEH_Gx.CT_NEH_2T V Power Factor B (%)	NEH_Gx.CT_NEH_2T V Power Factor C (%)	NEH_Gx.CT_NEH_2T V Power Factor (%)	NEH_Gx.CT_NEH_2T V Reactive Power A (kVAr)	NEH_Gx.CT_NEH_2T V Reactive Power B (kVAr)	NEH_Gx.CT_NEH_2T V Reactive Power C (kVAr)	NEH_Gx.CT_NEH_2T V Reactive Power (kVAr)	NEH_Gx.CT_NEH_2T V Real Power A (kW)	NEH_Gx.CT_NEH_2T V Real Power B (kW)	NEH_Gx.CT_NEH_2T V Real Power C (kW)	NEH_Gx.CT_NEH_2T V Real Power (kW)
2/2/2021 4:30:00 PM	31.254,58	32.011,65	31.574,10	94.825,01	-99,48	-99,64	-99,73	-99,63	-3.139,90	-2.684,23	-2.285,64	-8.109,77	-31.093,35	-31.895,87	-31.488,37	-94.477,58
2/2/2021 4:31:00 PM	31.033,50	31.788,90	31.361,31	94.168,29	-99,33	-99,52	-99,62	-99,51	-3.555,43	-3.082,65	-2.693,95	-9.332,03	-30.826,11	-31.636,13	-31.242,52	-93.704,76
2/2/2021 4:32:00 PM	30.960,98	31.723,93	31.281,05	93.950,34	-99,35	-99,53	-99,63	-99,52	-3.493,98	-3.029,97	-2.642,50	-9.166,46	-30.760,06	-31.575,76	-31.166,29	-93.502,10
2/2/2021 4:33:00 PM	31.342,59	32.094,07	31.655,52	95.076,44	-99,33	-99,53	-99,62	-99,50	-3.587,90	-3.131,78	-2.731,27	-9.450,95	-31.133,33	-31.937,74	-31.534,48	-94.605,55
2/2/2021 4:34:00 PM	31.328,02	32.114,14	31.643,79	95.070,71	-99,26	-99,46	-99,55	-99,44	-3.773,85	-3.318,03	-2.951,69	-10.043,57	-31.096,72	-31.939,19	-31.502,80	-94.538,70
2/2/2021 4:35:00 PM	31.323,32	32.071,57	31.624,35	95.004,48	-99,10	-99,32	-99,44	-99,30	-4.171,31	-3.716,27	-3.317,85	-11.205,43	-31.041,54	-31.852,70	-31.447,10	-94.341,35
2/2/2021 4:36:00 PM	31.072,49	31.808,52	31.388,96	94.254,47	-99,15	-99,37	-99,49	-99,35	-4.020,79	-3.546,71	-3.140,84	-10.708,35	-30.808,27	-31.607,16	-31.228,77	-93.644,20
2/2/2021 4:37:00 PM	31.126,26	31.898,82	31.444,41	94.454,48	-99,30	-99,49	-99,59	-99,47	-3.659,76	-3.199,40	-2.820,71	-9.679,87	-30.907,34	-31.735,04	-31.314,78	-93.957,16
2/2/2021 4:38:00 PM	31.286,44	32.040,12	31.590,06	94.901,43	-99,05	-99,28	-99,40	-99,26	-4.279,63	-3.820,70	-3.428,94	-11.529,28	-30.989,41	-31.808,51	-31.400,57	-94.198,49
2/2/2021 4:39:00 PM	30.909,80	31.668,59	31.230,05	93.793,73	-99,33	-99,51	-99,62	-99,50	-3.558,70	-3.091,82	-2.703,22	-9.353,74	-30.701,44	-31.110,19	-31.326,14	-93.326,14
2/2/2021 4:40:00 PM	31.138,94	31.942,08	31.467,09	94.533,43	-99,44	-99,60	-99,69	-99,59	-3.268,48	-2.809,43	-2.452,11	-8.530,02	-30.963,89	-31.815,37	-31.368,54	-94.147,80
2/2/2021 4:41:00 PM	30.858,43	31.591,28	31.156,10	93.590,35	-99,40	-99,56	-99,67	-99,56	-3.355,88	-2.910,60	-2.488,60	-8.755,08	-30.672,40	-31.453,83	-31.053,71	-93.179,95
2/2/2021 4:42:00 PM	31.044,82	31.769,07	31.329,06	94.127,20	-99,17	-99,38	-99,50	-99,37	-3.963,75	-3.517,51	-3.091,50	-10.572,75	-30.787,67	-31.570,60	-31.173,26	-93.531,53
2/2/2021 4:43:00 PM	31.229,87	31.986,55	31.552,95	94.753,52	-99,36	-99,54	-99,64	-99,53	-3.486,52	-3.016,58	-2.626,60	-9.129,70	-31.031,42	-31.840,91	-31.440,34	-94.312,66
2/2/2021 4:44:00 PM	31.297,56	32.041,83	31.609,82	94.932,74	-99,18	-99,39	-99,51	-99,38	-3.966,64	-3.495,75	-3.094,15	-10.556,55	-31.041,77	-31.847,32	-31.454,88	-94.343,97
2/2/2021 4:45:00 PM	31.317,37	32.095,97	31.691,31	95.088,61	-99,48	-99,65	-99,73	-99,64	-3.160,83	-2.650,48	-2.284,67	-8.095,99	-31.154,26	-31.983,21	-31.605,86	-94.743,34
2/2/2021 4:46:00 PM	31.226,58	32.006,02	31.565,99	94.782,43	-99,66	-99,85	-99,85	-99,78	-2.542,33	-2.079,89	-1.695,79	-6.318,01	-31.119,43	-31.935,05	-31.517,15	-94.571,63
2/2/2021 4:47:00 PM	30.903,96	31.681,33	31.242,70	93.812,19	-99,54	-99,69	-99,77	-99,69	-2.913,87	-2.442,72	-2.063,98	-7.420,57	-30.762,99	-31.583,89	-31.171,37	-93.518,24
2/2/2021 4:48:00 PM	31.266,73	32.005,13	31.590,23	94.845,95	-99,55	-99,69	-99,78	-99,69	-2.935,73	-2.476,15	-2.055,20	-7.467,09	-31.125,33	-31.905,89	-31.520,33	-94.551,55
2/2/2021 4:49:00 PM	30.881,53	31.648,83	31.209,40	93.723,73	-99,44	-99,61	-99,70	-99,60	-3.229,02	-2.761,78	-2.376,88	-8.367,68	-30.708,95	-31.524,85	-31.115,64	-93.349,45
2/2/2021 4:50:00 PM	30.913,83	31.672,01	31.232,44	93.802,29	-99,53	-99,68	-99,77	-99,68	-2.945,68	-2.490,25	-2.087,36	-7.523,30	-30.769,93	-31.570,71	-31.159,46	-93.500,10
2/2/2021 4:51:00 PM	31.188,26	31.955,73	31.524,73	94.652,31	-99,43	-99,60	-99,69	-99,59	-3.306,66	-2.826,93	-2.438,85	-8.572,44	-31.009,07	-31.827,19	-31.427,05	-94.263,31
2/2/2021 4:52:00 PM	30.989,58	31.756,32	31.377,59	94.107,02	-99,50	-99,67	-99,75	-99,66	-3.070,96	-2.534,75	-2.160,34	-7.766,05	-30.833,86	-31.651,94	-31.300,23	-93.786,03
2/2/2021 4:53:00 PM	30.815,03	31.567,36	31.164,98	93.531,17	-99,49	-99,65	-99,74	-99,64	-3.089,85	-2.593,02	-2.198,44	-7.881,31	-30.656,60	-31.457,58	-31.084,35	-93.198,52
2/2/2021 4:54:00 PM	31.312,54	32.100,42	31.683,65	95.080,65	-99,57	-99,72	-99,79	-99,71	-2.880,29	-2.374,61	-2.007,73	-7.262,63	-31.176,58	-32.009,29	-31.617,00	-94.802,87
2/2/2021 4:55:00 PM	31.057,37	31.821,37	31.405,68	94.268,11	-99,57	-99,71	-99,79	-99,71	-2.847,06	-2.361,15	-1.970,77	-7.178,99	-30.923,28	-31.730,40	-31.340,67	-93.994,35
2/2/2021 4:56:00 PM	30.886,65	31.649,34	31.212,88	93.733,52	-99,45	-99,61	-99,70	-99,60	-3.219,58	-2.750,94	-2.359,02	-8.329,53	-30.715,38	-31.526,53	-31.120,78	-93.362,70
2/2/2021 4:57:00 PM	31.288,66	32.074,08	31.639,99	94.985,91	-99,39	-99,57	-99,66	-99,56	-3.432,62	-2.939,77	-2.572,14	-8.944,53	-31.096,30	-31.935,61	-31.531,93	-94.563,84
2/2/2021 4:58:00 PM	31.200,50	31.970,08	31.537,11	94.691,73	-99,56	-99,70	-99,78	-99,70	-2.894,62	-2.422,50	-2.027,63	-7.344,75	-31.062,66	-31.875,00	-31.468,80	-94.406,45
2/2/2021 4:59:00 PM	30.922,10	31.713,20	31.294,05	93.913,70	-99,57	-99,72	-99,79	-99,71	-2.841,28	-2.339,35	-1.974,27	-7.154,89	-30.788,15	-31.623,79	-31.228,81	-93.640,75
2/2/2021 5:00:00 PM	31.112,11	31.874,41	31.466,27	94.437,04	-99,67	-99,79	-99,86	-99,79	-2.495,22	-2.011,56	-1.611,92	-6.118,70	-31.008,78	-31.807,79	-31.422,04	-94.238,61
2/2/2021 5:01:00 PM	31.328,05	32.082,51	31.628,93	95.023,83	-99,28	-99,46	-99,57	-99,45	-3.737,98	-3.293,69	-2.882,99	-9.914,66	-31.101,15	-31.909,82	-31.494,20	-94.505,17
2/2/2021 5:02:00 PM	30.898,78	31.663,83	31.243,81	93.791,14	-99,57	-99,72	-99,80	-99,71	-2.820,66	-2.349,09	-1.953,08	-7.122,83	-30.766,74	-31.573,65	-31.179,89	-93.520,27
2/2/2021 5:03:00 PM	31.003,58	31.797,31	31.342,15	94.127,81	-99,61	-99,74	-99,81	-99,74	-2.701,13	-2.246,57	-1.869,73	-6.817,42	-30.882,51	-31.714,81	-31.283,28	-93.880,61
2/2/2021 5:04:00 PM	31.249,99	32.007,12	31.559,45	94.801,23	-99,43	-99,59	-99,69	-99,59	-3.288,99	-2.847,96	-2.433,88	-8.570,83	-31.073,35	-31.877,09	-31.462,56	-94.413,00
2/2/2021 5:05:00 PM	30.869,18	31.637,81	31.192,76	93.684,59	-99,49	-99,65	-99,74	-99,64	-3.071,73	-2.623,17	-2.227,90	-7.922,80	-30.712,94	-31.525,86	-31.110,18	-93.348,97
2/2/2021 5:06:00 PM	31.026,67	31.800,95	31.357,50	94.169,66	-99,56	-99,70	-99,78	-99,70	-2.879,46	-2.429,73	-2.034,94	-7.344,14	-30.889,62	-31.704,84	-31.288,38	-93.882,84
2/2/2021 5:07:00 PM	31.321,23	32.074,53	31.647,17	95.027,70	-99,37	-99,54	-99,65	-99,54	-3.485,71	-3.028,44	-2.619,82	-9.133,97	-31.123,67	-31.928,26	-31.535,78	-94.587,71
2/2/2021 5:08:00 PM	30.861,73	31.624,81	31.185,68	93.657,13	-99,54	-99,68	-99,77	-99,68	-2.924,48	-2.478,18	-2.071,96	-7.474,62	-30.719,90	-31.524,55	-31.113,93	-93.358,38
2/2/2021 5:09:00 PM	31.155,58	31.928,69	31.507,83	94.576,34	-99,46	-99,62	-99,71	-99,61	-3.216,36	-2.739,26	-2.353,80	-8.309,42	-30.985,90	-31.807,88	-31.416,82	-94.210,59
2/2/2021 5:10:00 PM	31.186,33	31.928,04	31.506,67	94.605,75	-99,48	-99,64	-99,73	-99,63	-3.143,14	-2.685,58	-2.259,30	-8.088,01	-31.024,62	-31.811,94	-31.422,83	-94.259,39
2/2/2021 5:11:00 PM	30.884,77	31.661,32	31.210,61	93.741,45	-99,55	-99,69	-99,78	-99,69	-2.882,96	-2.442,44	-2.046,47	-7.371,87	-30.746,79	-31.563,93	-31.140,42	-93.451,14
2/2/2021 5:12:00 PM	30.893,20	31.668,85	31.240,54	93.787,50	-99,59	-99,73	-99,80	-99,72	-2.762,92	-2.296,84	-1.908,10	-6.967,87	-30.766,49	-31.582,47	-31.179,34	-93.528,30
2/2/2021 5:13:00 PM	31.327,49	32.110,95	31.658,62	95.081,55	-99,42	-99,58	-99,68	-99,58	-3.344,88	-2.892,62	-2.506,10	-8.743,61	-31.145,19	-31.977,26	-31.556,22	-94.678,67
2/2/2021 5:14:00 PM	31.131,77	31.900,68	31.477,77	94.494,87	-99,41	-99,59	-99,68	-99,58	-3.345,81	-2.866,52	-2.477,80	-8.690,13	-30.948,47	-31.768,68	-31.377,28	-94.094,43
2/2/2021 5:15:00 PM	31.181,85	31.962,26	31.534,07	94.662,40	-99,49	-99,65	-99,74	-99,64	-3.104,76	-2.630,28	-2.247,88	-7.982,92	-31.023,69	-31.850,73	-31.450,78	-94.325,20
2/2/2021 5:16:00 PM	31.136,10	31.924,94	31.495,53	94.540,89	-99,45	-99,62	-99,71	-99,61	-3.234,73</							

Potencia Neta TV 2 Neh_255MW



Potencia TV 2 Nehuenco

2/2/2021 1:59:00 PM - 2/2/2021 4:00:00 PM (Server Local)

	32.341,20	33.088,99	32.638,99	98.054,48	-99,28	-99,46	-99,57	-99,45	-3.831,68	-3.387,33	-2.961,32	-10.180,33	-32.107,60	-32.909,59	-32.498,91	97.516,10
DESVEST	202,17	197,21	205,50	603,14	0,16	0,13	0,12	0,14	441,99	432,31	433,57	1307,13	200,58	197,74	204,27	600,74
%DESVEST	0,6251%	0,5960%	0,6296%	0,6151%	-0,1637%	-0,1355%	-0,1219%	-0,1400%	-11,5350%	-12,7626%	-14,6411%	-12,8398%	-0,6247%	-0,6008%	-0,6285%	0,6160%
DATOS	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
Timestamp	NEH_Gx.CT_NEH_2T V	NEH_Gx.CT_NEH_2T V	NEH_Gx.CT_NEH_2T V	NEH_Gx.CT_NEH_2T TV	NEH_Gx.CT_NEH_2T V	NEH_Gx.CT_NEH_2T V	NEH_Gx.CT_NEH_2T V	NEH_Gx.CT_NEH_2T V	NEH_Gx.CT_NEH_2T V	NEH_Gx.CT_NEH_2T V	NEH_Gx.CT_NEH_2T V	NEH_Gx.CT_NEH_2T V	NEH_Gx.CT_NEH_2T V	NEH_Gx.CT_NEH_2T V	NEH_Gx.CT_NEH_2T V	NEH_Gx.CT_NEH_2T V
	Apparent Power A (kVA)	Apparent Power B (kVA)	Apparent Power C (kVA)	Apparent Power (kVA)	Power Factor A (%)	Power Factor B (%)	Power Factor C (%)	Power Factor (%)	Reactive Power A (kVAR)	Reactive Power B (kVAR)	Reactive Power C (kVAR)	Reactive Power (kVAR)	Real Power A (kW)	Real Power B (kW)	Real Power C (kW)	Real Power (kW)
2/2/2021 3:30:00 PM	32.740,25	33.512,89	33.075,21	99.313,21	-99,20	-99,41	-99,51	-99,39	-4.098,65	-3.607,69	-3.227,37	-10.933,71	-32.479,61	-33.315,16	-32.914,75	-98.709,52
2/2/2021 3:31:00 PM	32.376,57	33.087,09	32.676,27	98.123,95	-99,15	-99,35	-99,48	-99,35	-4.197,08	-3.728,28	-3.286,99	-11.212,35	-32.100,12	-32.873,41	-32.507,71	-97.481,24
2/2/2021 3:32:00 PM	32.341,80	33.090,74	32.629,55	98.047,71	-99,47	-99,62	-99,71	-99,62	-3.288,58	-2.855,41	-2.427,94	-8.571,93	-32.171,36	-32.964,50	-32.536,42	-97.672,29
2/2/2021 3:33:00 PM	32.685,38	33.353,16	33.000,30	99.021,70	-99,06	-99,29	-99,43	-99,28	-4.454,10	-3.952,99	-3.478,13	-11.885,23	-32.377,23	-33.114,90	-32.813,72	-98.305,84
2/2/2021 3:34:00 PM	32.536,28	33.263,29	32.825,16	98.608,18	-99,26	-99,45	-99,56	-99,44	-3.911,71	-3.466,93	-3.029,68	-10.408,32	-32.296,62	-33.078,88	-32.681,84	-98.057,32
2/2/2021 3:35:00 PM	32.496,06	33.185,61	32.768,11	98.433,72	-99,04	-99,26	-99,40	-99,25	-4.457,24	-4.014,44	-3.547,47	-12.019,16	-32.165,63	-32.938,88	-32.572,66	-97.697,16
2/2/2021 3:36:00 PM	32.279,69	32.979,21	32.572,96	97.816,20	-99,20	-99,40	-99,53	-99,40	-4.038,43	-3.580,21	-3.122,99	-10.741,63	-32.022,96	-32.781,51	-32.420,14	-97.224,61
2/2/2021 3:37:00 PM	32.267,75	33.075,83	32.614,00	97.943,59	-99,10	-99,33	-99,43	-99,30	-4.302,14	-3.813,43	-3.465,34	-11.580,90	-31.977,04	-32.852,63	-32.426,84	-97.256,51
2/2/2021 3:38:00 PM	32.502,20	33.196,42	32.769,00	98.453,41	-99,21	-99,39	-99,53	-99,39	-4.065,42	-3.636,99	-3.159,44	-10.861,85	-32.244,45	-32.994,05	-32.613,90	-97.852,41
2/2/2021 3:39:00 PM	32.317,99	33.065,75	32.583,15	97.952,92	-99,13	-99,27	-99,41	-99,11	-4.764,41	-4.337,53	-3.916,81	-13.018,75	-31.962,18	-32.777,37	-32.344,37	-97.083,92
2/2/2021 3:40:00 PM	32.438,60	33.204,06	32.739,66	98.368,40	-99,08	-99,30	-99,42	-99,28	-4.361,24	-3.906,82	-3.505,84	-11.773,90	-32.141,46	-32.970,85	-32.548,94	-97.661,23
2/2/2021 3:41:00 PM	32.479,31	33.253,94	32.802,04	98.520,97	-99,14	-99,35	-99,46	-99,33	-4.231,08	-3.757,47	-3.370,11	-11.358,66	-32.199,79	-33.038,34	-32.625,88	-97.864,00
2/2/2021 3:42:00 PM	32.169,41	32.906,14	32.469,20	97.530,45	-99,23	-99,42	-99,54	-99,41	-3.973,52	-3.520,36	-3.091,68	-10.585,56	-31.920,42	-32.714,69	-32.319,18	-96.954,28
2/2/2021 3:43:00 PM	32.291,22	33.058,06	32.594,66	97.930,18	-99,32	-99,50	-99,60	-99,49	-3.724,28	-3.275,85	-2.869,77	-9.869,89	-32.073,21	-32.892,76	-32.465,57	-97.431,54
2/2/2021 3:44:00 PM	32.045,45	32.808,77	32.345,04	97.184,96	-99,15	-99,36	-99,48	-99,34	-4.141,01	-3.690,09	-3.283,18	-11.114,27	-31.774,01	-32.597,92	-32.175,42	-96.547,35
2/2/2021 3:45:00 PM	32.040,46	32.807,36	32.351,47	97.185,28	-99,35	-99,52	-99,62	-99,51	-3.631,49	-3.184,41	-2.777,45	-9.593,36	-31.831,28	-32.649,81	-32.229,54	-96.710,63
2/2/2021 3:46:00 PM	32.345,34	33.108,15	32.646,58	98.086,00	-99,39	-99,55	-99,65	-99,55	-3.538,23	-3.101,47	-2.683,59	-9.323,29	-32.148,48	-32.959,87	-32.533,54	-97.641,89
2/2/2021 3:47:00 PM	32.496,60	33.250,03	32.786,09	98.518,59	-99,36	-99,52	-99,63	-99,52	-3.649,93	-3.223,00	-2.787,75	-9.660,67	-32.288,21	-33.090,75	-32.664,83	-98.043,79
2/2/2021 3:48:00 PM	32.591,95	33.343,38	32.885,36	98.806,26	-99,28	-99,46	-99,57	-99,45	-3.873,80	-3.437,94	-3.010,32	-10.322,07	-32.358,04	-33.162,94	-32.744,63	-98.265,61
2/2/2021 3:49:00 PM	32.158,45	32.919,07	32.456,59	97.519,24	-99,50	-99,64	-99,73	-99,64	-3.188,19	-2.762,78	-2.334,32	-8.285,28	-31.996,99	-32.799,96	-32.369,68	-97.166,64
2/2/2021 3:50:00 PM	32.596,75	33.350,25	32.891,20	98.824,05	-99,39	-99,55	-99,65	-99,55	-3.569,71	-3.137,17	-2.703,88	-9.410,77	-32.397,98	-33.199,65	-32.777,30	-98.374,94
2/2/2021 3:51:00 PM	32.106,18	32.846,67	32.368,67	97.307,13	-99,24	-99,42	-99,54	-99,41	-3.920,19	-3.519,93	-3.073,67	-10.513,79	-31.863,20	-32.654,63	-32.219,64	-96.737,46
2/2/2021 3:52:00 PM	32.426,21	33.181,90	32.734,34	98.328,02	-99,43	-99,59	-99,69	-99,59	-3.421,03	-2.977,30	-2.548,81	-8.947,14	-32.242,40	-33.045,27	-32.632,46	-97.920,12
2/2/2021 3:53:00 PM	32.154,42	32.881,75	32.433,54	97.454,51	-99,20	-99,39	-99,52	-99,38	-4.039,90	-3.609,92	-3.161,09	-10.810,91	-31.896,64	-32.680,00	-32.276,37	-96.853,01
2/2/2021 3:54:00 PM	32.372,18	33.127,60	32.678,25	98.163,80	-99,44	-99,60	-99,70	-99,59	-3.381,99	-2.944,53	-2.514,18	-8.840,70	-32.192,26	-32.993,84	-32.578,79	-97.764,89
2/2/2021 3:55:00 PM	32.090,82	32.848,72	32.422,71	97.347,19	-99,42	-99,59	-99,69	-99,58	-3.412,81	-2.944,84	-2.526,98	-8.884,63	-31.905,95	-32.713,57	-32.321,38	-96.940,91
2/2/2021 3:56:00 PM	32.099,80	32.841,07	32.393,69	97.320,03	-99,52	-99,66	-99,76	-99,66	-3.100,95	-2.673,78	-2.224,52	-7.999,25	-31.946,91	-32.729,18	-32.314,63	-96.990,73
2/2/2021 3:57:00 PM	32.519,97	33.282,48	32.815,90	98.603,89	-99,47	-99,62	-99,71	-99,62	-3.305,27	-2.878,73	-2.448,35	-8.632,35	-32.348,68	-33.154,89	-32.721,73	-98.225,30
2/2/2021 3:58:00 PM	32.073,41	32.842,95	32.360,57	97.262,10	-99,43	-99,58	-99,68	-99,58	-3.400,45	-2.984,35	-2.560,23	-8.945,02	-31.889,68	-32.704,03	-32.256,19	-96.849,89
2/2/2021 3:59:00 PM	32.482,67	33.266,09	32.781,34	98.515,49	-99,52	-99,65	-99,74	-99,65	-3.155,42	-2.730,55	-2.320,05	-8.206,02	-32.325,97	-33.150,90	-32.696,26	-98.173,14
2/2/2021 4:00:00 PM	32.054,12	32.820,37	32.338,17	97.197,61	-99,13	-99,34	-99,46	-99,32	-4.183,96	-3.752,05	-3.342,91	-11.278,92	-31.776,80	-32.602,22	-32.161,96	-96.540,98



Potencia TV 2 Nehuenco

2/2/2021 11:59:00 AM - 2/2/2021 1:00:00 PM (Server Local)

PROMEDIO	35.621,31	36.369,65	35.915,39	107.892,06	-99,29	-99,45	-99,56	-99,45	-4.181,63	-3.719,84	-3.288,78	-11.190,25	-35.367,02	-36.170,94	-35.756,96	107.294,92
DESV EST	179,27	184,10	174,84	531,38	0,20	0,17	0,15	0,17	616,02	616,13	594,91	1825,21	176,52	189,07	172,04	530,57
%DESV EST	0,5033%	0,5062%	0,4868%	0,4925%	-0,1997%	-0,1703%	-0,1482%	-0,1720%	-14,7315%	-16,5632%	-18,0890%	-16,3107%	-0,4991%	-0,5227%	-0,4811%	0,4945%
DATOS	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
Timestamp	NEH_Gx.CT_NEH_2T V Apparent Power A (kVA)	NEH_Gx.CT_NEH_2T V Apparent Power B (kVA)	NEH_Gx.CT_NEH_2T V Apparent Power C (kVA)	NEH_Gx.CT_NEH_2T V Apparent Power (kVA)	NEH_Gx.CT_NEH_2T V Power Factor A (%)	NEH_Gx.CT_NEH_2T V Power Factor B (%)	NEH_Gx.CT_NEH_2T V Power Factor C (%)	NEH_Gx.CT_NEH_2T V Power Factor (%)	NEH_Gx.CT_NEH_2T V Reactive Power A (kVAr)	NEH_Gx.CT_NEH_2T V Reactive Power B (kVAr)	NEH_Gx.CT_NEH_2T V Reactive Power C (kVAr)	NEH_Gx.CT_NEH_2T V Reactive Power (kVAr)	NEH_Gx.CT_NEH_2T V Real Power A (kW)	NEH_Gx.CT_NEH_2T V Real Power B (kW)	NEH_Gx.CT_NEH_2T V Real Power C (kW)	NEH_Gx.CT_NEH_2T V Real Power (kW)
2/2/2021 12:00:00 PM	35.496,10	36.368,80	35.827,70	107.679,21	-99,57	-99,70	-99,76	-99,69	-3.245,74	-2.771,97	-2.452,20	-8.469,90	-35.344,54	-36.260,15	-35.740,88	-107.345,57
2/2/2021 12:01:00 PM	35.366,63	36.097,52	35.605,92	107.056,05	-99,52	-99,64	-99,73	-99,64	-3.442,66	-3.038,13	-2.570,23	-9.051,02	-35.195,81	-35.966,64	-35.510,30	-106.672,76
2/2/2021 12:02:00 PM	35.316,57	36.015,63	35.629,43	106.946,61	-99,56	-99,69	-99,78	-99,69	-3.274,66	-2.784,29	-2.306,54	-8.365,49	-35.161,65	-35.905,10	-35.552,18	-106.618,93
2/2/2021 12:03:00 PM	35.724,90	36.507,70	36.038,38	108.257,93	-99,62	-99,74	-99,80	-99,73	-3.090,86	-2.619,03	-2.212,31	-7.922,20	-35.588,53	-36.411,13	-35.968,01	-107.967,67
2/2/2021 12:04:00 PM	35.291,97	36.070,59	35.591,36	106.940,84	-99,47	-99,61	-99,70	-99,60	-3.610,11	-3.149,37	-2.739,43	-9.498,92	-35.104,45	-35.930,30	-35.483,39	-106.518,15
2/2/2021 12:05:00 PM	35.435,44	36.214,13	35.719,36	107.355,85	-99,68	-99,78	-99,84	-99,78	-2.807,57	-2.372,56	-1.952,27	-7.132,41	-35.321,63	-36.133,59	-35.663,44	-107.118,66
2/2/2021 12:06:00 PM	35.262,80	36.162,20	35.616,05	107.027,81	-99,60	-99,73	-99,78	-99,72	-3.104,14	-2.617,21	-2.328,64	-8.049,99	-35.123,02	-36.064,56	-35.537,07	-106.724,65
2/2/2021 12:07:00 PM	35.420,11	36.077,71	35.717,02	107.196,58	-99,41	-99,57	-99,68	-99,57	-3.804,03	-3.313,51	-2.802,21	-9.919,76	-35.211,79	-35.921,81	-35.603,01	-106.736,61
2/2/2021 12:08:00 PM	35.746,02	36.487,29	36.119,65	108.335,54	-99,46	-99,62	-99,71	-99,61	-3.684,51	-3.131,83	-2.708,52	-9.524,86	-35.552,26	-36.349,08	-36.014,67	-107.916,02
2/2/2021 12:09:00 PM	35.661,57	36.477,34	36.008,36	108.134,00	-99,67	-99,68	-99,75	-99,67	-3.396,83	-2.891,56	-2.526,63	-8.815,02	-35.496,91	-36.360,01	-35.917,19	-107.774,10
2/2/2021 12:10:00 PM	35.434,04	36.233,80	35.758,08	107.412,34	-99,51	-99,65	-99,73	-99,64	-3.464,91	-2.981,76	-2.598,77	-9.045,45	-35.261,62	-36.108,16	-35.661,00	-107.030,78
2/2/2021 12:11:00 PM	35.566,48	36.348,41	35.896,29	107.797,22	-99,40	-99,56	-99,65	-99,55	-3.873,88	-3.372,32	-2.979,16	-10.225,36	-35.352,28	-36.188,92	-35.769,95	-107.311,15
2/2/2021 12:12:00 PM	35.903,80	36.780,75	36.152,31	108.824,53	-99,64	-99,73	-99,79	-99,73	-3.025,13	-2.653,83	-2.308,65	-7.987,61	-35.075,70	-36.681,80	-36.075,70	-108.530,99
2/2/2021 12:13:00 PM	35.332,30	36.114,23	35.653,54	107.086,69	-99,41	-99,57	-99,65	-99,55	-3.824,16	-3.335,03	-2.939,85	-10.099,04	-35.122,27	-35.957,40	-35.529,74	-106.609,41
2/2/2021 12:14:00 PM	35.533,89	36.322,01	35.849,39	107.692,22	-99,67	-99,78	-99,84	-99,78	-2.834,21	-2.364,51	-1.960,39	-7.159,12	-35.418,21	-36.242,40	-35.793,38	-107.454,00
2/2/2021 12:15:00 PM	35.658,22	36.475,93	35.939,55	108.060,19	-99,49	-99,62	-99,70	-99,62	-3.551,86	-3.123,09	-2.742,64	-9.417,59	-35.478,02	-36.339,13	-35.831,88	-107.649,03
2/2/2021 12:16:00 PM	35.538,26	36.339,51	35.872,50	107.732,77	-99,19	-99,39	-99,48	-99,37	-4.492,42	-3.987,72	-3.623,29	-12.103,43	-35.248,95	-36.116,52	-35.685,24	-107.050,72
2/2/2021 12:17:00 PM	35.492,05	36.279,81	35.808,06	107.564,94	-99,20	-99,39	-99,49	-99,37	-4.465,20	-3.984,62	-3.598,34	-12.048,16	-35.206,77	-36.057,44	-35.623,85	-106.888,06
2/2/2021 12:18:00 PM	35.608,66	36.327,32	35.869,77	107.791,73	-99,20	-99,37	-99,50	-99,37	-4.470,47	-4.034,05	-3.569,94	-12.074,47	-35.324,39	-36.099,97	-35.688,96	-107.113,33
2/2/2021 12:19:00 PM	35.866,77	36.633,05	36.187,06	108.673,15	-99,29	-99,46	-99,56	-99,45	-4.259,43	-3.770,71	-3.359,09	-11.389,23	-35.610,46	-36.435,92	-36.028,31	-108.074,69
2/2/2021 12:20:00 PM	35.484,98	36.247,91	35.811,58	107.530,55	-99,30	-99,48	-99,58	-99,47	-4.161,93	-3.667,61	-3.258,40	-11.087,93	-35.237,55	-36.059,25	-35.660,56	-106.957,37
2/2/2021 12:21:00 PM	35.587,31	36.363,19	35.887,27	107.824,55	-99,23	-99,41	-99,51	-99,40	-4.393,53	-3.926,54	-3.520,44	-11.840,51	-35.312,64	-36.148,03	-35.711,80	-107.172,47
2/2/2021 12:22:00 PM	35.971,40	36.707,11	36.270,71	108.935,52	-99,15	-99,34	-99,46	-99,33	-4.664,70	-4.187,65	-3.747,08	-12.599,43	-35.665,25	-36.464,91	-36.074,28	-108.204,45
2/2/2021 12:23:00 PM	35.379,74	36.070,96	35.673,62	107.108,80	-99,15	-99,35	-99,48	-99,34	-4.569,58	-4.088,03	-3.613,99	-12.271,59	-35.080,49	-35.835,58	-35.487,43	-106.403,50
2/2/2021 12:24:00 PM	35.740,02	36.515,91	35.960,90	108.203,70	-99,19	-99,35	-99,46	-99,34	-4.516,16	-4.142,76	-3.716,90	-12.375,82	-35.450,79	-36.277,23	-35.765,61	-107.493,62
2/2/2021 12:25:00 PM	35.605,95	36.351,02	35.882,79	107.826,34	-99,21	-99,38	-99,50	-99,38	-4.442,29	-4.002,10	-3.565,42	-12.009,81	-35.325,35	-36.127,38	-35.702,68	-107.155,42
2/2/2021 12:26:00 PM	35.827,14	36.572,59	36.126,61	108.512,90	-99,26	-99,43	-99,54	-99,42	-4.344,51	-3.875,84	-3.444,59	-11.664,94	-35.560,36	-36.364,13	-35.959,61	-107.884,09
2/2/2021 12:27:00 PM	35.691,64	36.429,19	35.978,94	108.086,81	-99,22	-99,39	-99,51	-99,39	-4.437,81	-3.983,29	-3.544,07	-11.965,17	-35.412,38	-36.208,43	-35.801,69	-107.422,52
2/2/2021 12:28:00 PM	35.393,03	36.108,92	35.672,49	107.160,76	-99,13	-99,32	-99,45	-99,32	-4.628,02	-4.172,75	-3.718,73	-12.519,49	-35.086,77	-36.864,50	-35.475,65	-106.426,92
2/2/2021 12:29:00 PM	35.956,29	36.696,29	36.237,09	108.876,68	-99,12	-99,31	-99,43	-99,30	-4.738,78	-4.285,68	-3.846,91	-12.871,37	-35.640,32	-36.442,83	-36.030,02	-108.113,17
2/2/2021 12:30:00 PM	35.524,10	36.259,93	35.845,70	107.615,83	-98,96	-99,19	-99,32	-99,17	-5.092,48	-4.586,94	-4.168,26	-13.847,67	-35.154,76	-35.966,18	-35.600,24	-106.721,17
2/2/2021 12:31:00 PM	35.589,11	36.346,70	35.864,29	107.785,08	-99,04	-99,24	-99,35	-99,22	-4.906,87	-4.452,52	-4.040,53	-13.399,92	-35.246,07	-36.069,89	-35.632,93	-106.948,89
2/2/2021 12:32:00 PM	35.672,39	36.404,73	35.939,36	108.003,00	-99,24	-99,41	-99,52	-99,40	-4.375,03	-3.936,50	-3.487,36	-11.798,90	-35.400,59	-36.188,64	-35.767,35	-107.356,59
2/2/2021 12:33:00 PM	35.636,08	36.388,29	35.919,52	107.930,97	-99,16	-99,35	-99,46	-99,33	-4.586,68	-4.129,36	-3.711,73	-12.427,78	-35.337,30	-36.150,84	-35.724,94	-107.213,07
2/2/2021 12:34:00 PM	35.722,09	36.451,44	35.992,92	108.153,31	-99,23	-99,40	-99,51	-99,39	-4.419,67	-3.978,28	-3.530,20	-11.928,15	-35.445,26	-36.231,20	-35.817,06	-107.493,53
2/2/2021 12:35:00 PM	35.494,16	36.238,54	35.784,28	107.503,61	-99,44	-99,58	-99,68	-99,58	-3.738,42	-3.284,82	-2.848,07	-9.871,31	-35.294,29	-36.086,79	-35.668,36	-107.049,44
2/2/2021 12:36:00 PM	35.608,79	36.355,86	35.899,02	107.849,76	-99,42	-99,57	-99,66	-99,56	-3.805,60	-3.349,86	-2.915,00	-10.070,45	-35.402,20	-36.198,48	-35.777,88	-107.378,57
2/2/2021 12:37:00 PM	35.881,09	36.637,21	36.176,79	108.682,00	-99,50	-99,63	-99,72	-99,63	-3.557,72	-3.110,24	-2.677,19	-9.345,15	-35.701,86	-36.502,43	-36.075,20	-108.279,48
2/2/2021 12:38:00 PM	35.653,81	36.386,12	35.929,16	107.955,57	-99,34	-99,50	-99,60	-99,49	-4.064,48	-3.616,40	-3.167,35	-10.848,24	-35.418,91	-36.203,34	-35.786,88	-107.409,13
2/2/2021 12:39:00 PM	35.260,45	35.990,15	35.531,09	106.768,01	-99,17	-99,36	-99,48	-99,35	-4.500,31	-4.048,74	-3.606,72	-12.155,77	-34.969,52	-35.759,10	-35.345,15	-106.073,77
2/2/2021 12:40:00 PM	35.641,14	36.384,20	35.934,95	107.946,54	-99,34	-99,50	-99,60	-99,49	-4.077,21	-3.616,76	-3.178,95	-10.872,92	-35.404,59	-36.201,35	-35.791,61	-107.397,55
2/2/2021 12:41:00 PM	35.696,48	36.427,76	35.971,84	108.082,48	-99,33	-99,49	-99,59	-99,48	-4.107,95	-3.662,30	-3.209,58	-10.979,83	-35.456,80	-36.240,56	-35.825,96	-107.523,32
2/2/2021 12:42:00 PM	35.486,85	36.209,54	35.811,18	107.493,10	-99,33	-99,51	-99,61	-99,50	-4.063,85	-3.568,19	-3.120,01	-10.752,06	-35.250,68	-36.030,80	-35.672,53	-106.954,00
2/2/2021 12:43:00 PM	35.794,10	36.410,00	36.070,02	108.257,42	-99,03	-99,24	-99,40	-99,24	-4.944,12	-4.455,07	-3.913,06	-13.312,25	-35.448,00	-36.133,46	-35.854,35	-107.435,80
2/2/2021 12:44:00 PM	35.729,69	36.499,77	36.060,19	108.271,98	-99,12	-99,26	-99,36	-99,12	-5.257,59	-4.751,72	-4.362,38	-14.371,68	-35.337,02	-36.185,08	-35.791,82	-107.313,91
2/2/2021 12:45:00 PM	35.465,40	36.136,91	35.881,69	107.465,15	-99,02	-99,28	-99,41	-99,25	-4.932,19	-4.308,20	-3.857,79	-13.098,18	-35.117,30	-35.875,92	-35.670,71	-106.663,94
2/2/2021 12:46:00 PM	35.947,25	36.664,01	36.279,25	10												

Potencia Neta TV 2 Neh_325MW



Potencia TV 2 Nehuenco

2/2/2021 10:29:00 AM - 2/2/2021 11:30:00 AM (Server Local)

PROMEDIO	37.787,92	38.572,96	38.093,93	114.440,31	-99,61	-99,72	-99,79	-99,72	-3.270,77	-2.804,24	-2.375,63	-8.450,64	-37.640,25	-38.464,99	-38.014,07	114.119,31
DESV EST	184,48	170,80	178,53	525,83	0,11	0,09	0,07	0,09	471,81	470,97	468,46	1407,97	186,07	172,65	179,81	530,00
%DESV EST	0,4882%	0,4428%	0,4687%	0,4595%	-0,1065%	-0,0879%	-0,0751%	-0,0893%	-14,4250%	-16,7950%	-19,7195%	-16,6611%	-0,4943%	-0,4489%	-0,4730%	0,4644%
DATOS	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
Timestamp	NEH_Gx.CT_NEH_2T V Apparent Power A (kVA)	NEH_Gx.CT_NEH_2T V Apparent Power B (kVA)	NEH_Gx.CT_NEH_2T V Apparent Power C (kVA)	NEH_Gx.CT_NEH_2T V Apparent Power (kVA)	NEH_Gx.CT_NEH_2T V Power Factor A (%)	NEH_Gx.CT_NEH_2T V Power Factor B (%)	NEH_Gx.CT_NEH_2T V Power Factor C (%)	NEH_Gx.CT_NEH_2T V Power Factor (%)	NEH_Gx.CT_NEH_2T V Reactive Power A (kVAr)	NEH_Gx.CT_NEH_2T V Reactive Power B (kVAr)	NEH_Gx.CT_NEH_2T V Reactive Power C (kVAr)	NEH_Gx.CT_NEH_2T V Reactive Power (kVAr)	NEH_Gx.CT_NEH_2T V Real Power A (kW)	NEH_Gx.CT_NEH_2T V Real Power B (kW)	NEH_Gx.CT_NEH_2T V Real Power C (kW)	NEH_Gx.CT_NEH_2T V Real Power (kW)
2/2/2021 10:30:00 AM	38.081,83	38.932,07	38.387,77	115.388,36	-99,83	-99,89	-99,93	-99,89	-2.198,05	-1.757,64	-1.361,31	-5.317,00	-38.015,54	-38.889,36	-38.360,89	-115.265,79
2/2/2021 10:31:00 AM	37.846,73	38.663,58	38.161,41	114.658,64	-99,72	-99,81	-99,87	-99,81	-2.796,86	-2.330,47	-1.917,07	-7.044,40	-37.740,64	-38.590,64	-38.110,76	-114.442,05
2/2/2021 10:32:00 AM	37.482,54	38.300,96	37.832,91	113.603,39	-99,79	-99,87	-99,92	-99,87	-2.367,05	-1.867,36	-1.460,07	-5.694,48	-37.405,24	-38.252,95	-37.802,39	-113.460,58
2/2/2021 10:33:00 AM	37.581,14	38.395,29	37.955,04	113.915,34	-99,65	-99,76	-99,83	-99,76	-3.121,24	-2.582,77	-2.185,26	-7.889,27	-37.448,07	-38.304,93	-37.888,82	-113.641,82
2/2/2021 10:34:00 AM	37.821,72	38.452,72	38.077,31	114.335,02	-99,82	-99,88	-99,94	-99,90	-2.221,27	-1.798,73	-1.197,34	-5.217,34	-37.753,23	-38.407,45	-38.055,25	-114.215,92
2/2/2021 10:35:00 AM	37.535,86	38.419,83	38.071,59	114.007,33	-99,56	-99,73	-99,78	-99,71	-3.452,53	-2.743,99	-2.458,07	-8.654,59	-37.372,56	-38.317,31	-37.988,50	-113.678,36
2/2/2021 10:36:00 AM	37.900,09	38.734,63	38.211,20	114.831,61	-99,72	-99,81	-99,86	-99,81	-2.810,38	-2.352,58	-1.958,17	-7.121,13	-37.792,75	-38.660,11	-38.157,73	-114.610,59
2/2/2021 10:37:00 AM	37.373,46	38.228,34	37.794,34	113.380,13	-99,57	-99,71	-99,77	-99,70	-3.426,45	-2.848,27	-2.501,98	-8.776,70	-37.212,77	-38.119,11	-37.708,04	-113.039,92
2/2/2021 10:38:00 AM	37.395,65	38.332,23	37.831,53	113.545,50	-99,62	-99,76	-99,80	-99,74	-3.208,24	-2.629,04	-2.360,72	-8.197,99	-37.254,96	-38.239,04	-37.755,17	-113.249,16
2/2/2021 10:39:00 AM	37.485,33	38.307,27	37.825,77	113.604,63	-99,55	-99,68	-99,75	-99,67	-3.535,32	-3.038,52	-2.640,62	-9.214,45	-37.315,48	-38.183,81	-37.731,02	-113.230,32
2/2/2021 10:40:00 AM	37.692,86	38.449,75	37.877,44	114.007,26	-99,61	-99,69	-99,78	-99,71	-3.304,86	-2.967,43	-2.477,61	-8.749,90	-37.544,97	-38.332,24	-37.793,79	-113.670,99
2/2/2021 10:41:00 AM	37.958,20	38.757,70	38.318,75	115.020,88	-99,62	-99,74	-99,80	-99,73	-3.287,51	-2.768,76	-2.353,55	-8.409,82	-37.813,03	-38.656,03	-38.243,97	-114.713,02
2/2/2021 10:42:00 AM	37.808,84	38.623,77	38.143,72	114.562,80	-99,70	-99,80	-99,86	-99,80	-2.869,42	-2.380,42	-1.974,05	-7.223,89	-37.697,16	-38.547,60	-38.090,04	-114.334,80
2/2/2021 10:43:00 AM	37.788,41	38.573,91	38.098,91	114.445,92	-99,55	-99,67	-99,75	-99,67	-3.555,26	-3.081,31	-2.649,48	-9.286,05	-37.617,63	-38.447,37	-38.003,57	-114.068,57
2/2/2021 10:44:00 AM	37.763,92	38.551,53	38.085,22	114.385,50	-99,39	-99,55	-99,64	-99,54	-4.127,65	-3.631,66	-3.213,09	-10.972,40	-37.534,68	-38.377,12	-37.946,23	-113.858,02
2/2/2021 10:45:00 AM	38.119,31	38.812,95	38.403,02	115.319,23	-99,50	-99,63	-99,72	-99,63	-3.790,59	-3.323,17	-2.805,65	-9.919,41	-37.927,14	-38.667,42	-38.297,26	-114.891,83
2/2/2021 10:46:00 AM	37.604,13	38.380,79	37.886,89	113.858,13	-99,58	-99,69	-99,77	-99,69	-3.409,46	-2.964,72	-2.518,62	-8.892,80	-37.446,55	-38.263,49	-37.800,28	-113.510,32
2/2/2021 10:47:00 AM	37.815,27	38.590,36	38.099,64	114.491,62	-99,69	-99,78	-99,85	-99,78	-2.944,24	-2.500,29	-2.060,24	-7.504,77	-37.697,79	-38.506,41	-38.041,19	-114.245,39
2/2/2021 10:48:00 AM	38.104,16	38.874,46	38.420,23	115.384,73	-99,49	-99,62	-99,71	-99,62	-3.831,82	-3.339,43	-2.912,00	-10.083,24	-37.908,32	-38.727,94	-38.307,04	-114.943,30
2/2/2021 10:49:00 AM	37.957,39	38.754,14	38.252,40	114.950,89	-99,65	-99,76	-99,82	-99,76	-3.120,02	-2.666,44	-2.252,78	-8.039,25	-37.826,30	-38.659,62	-38.183,50	-114.669,43
2/2/2021 10:50:00 AM	37.569,42	38.420,86	37.975,13	113.948,83	-99,50	-99,65	-99,72	-99,64	-3.721,67	-3.151,18	-2.818,68	-9.691,52	-37.381,09	-38.287,87	-37.866,98	-113.535,95
2/2/2021 10:51:00 AM	37.708,39	38.418,00	37.962,90	114.074,02	-99,44	-99,57	-99,68	-99,58	-3.946,48	-3.511,48	-3.016,66	-10.474,62	-37.498,24	-38.254,06	-37.839,79	-113.592,09
2/2/2021 10:52:00 AM	37.966,96	38.813,38	38.391,33	115.155,37	-99,61	-99,75	-99,80	-99,73	-3.299,12	-2.713,06	-2.374,75	-8.386,93	-37.819,88	-38.715,25	-38.314,41	-114.849,55
2/2/2021 10:53:00 AM	37.881,09	38.698,70	38.182,39	114.748,06	-99,55	-99,67	-99,74	-99,67	-3.548,32	-3.093,78	-2.698,76	-9.340,86	-37.711,52	-38.571,73	-38.083,99	-114.367,24
2/2/2021 10:54:00 AM	37.759,82	38.502,82	38.050,77	114.299,34	-99,50	-99,63	-99,72	-99,63	-3.749,32	-3.288,27	-2.830,24	-9.867,83	-37.570,61	-38.359,26	-37.942,72	-113.872,59
2/2/2021 10:55:00 AM	37.949,09	38.677,18	38.244,05	114.856,41	-99,59	-99,70	-99,78	-99,70	-3.425,52	-2.963,73	-2.484,02	-8.873,27	-37.791,62	-38.560,77	-38.160,75	-114.513,15
2/2/2021 10:56:00 AM	37.695,65	38.444,32	37.984,44	114.110,84	-99,49	-99,62	-99,71	-99,62	-3.782,76	-3.321,73	-2.865,06	-9.969,55	-37.502,86	-38.297,88	-37.873,75	-113.674,50
2/2/2021 10:57:00 AM	38.101,47	38.839,55	38.375,84	115.302,87	-99,61	-99,72	-99,79	-99,72	-3.329,63	-2.891,18	-2.414,53	-8.635,35	-37.953,00	-38.728,89	-38.297,16	-114.979,05
2/2/2021 10:58:00 AM	37.984,21	38.755,44	38.201,56	114.927,90	-99,56	-99,66	-99,75	-99,56	-3.974,90	-3.597,23	-3.143,58	-10.715,71	-37.772,89	-38.585,16	-38.069,19	-114.427,24
2/2/2021 10:59:00 AM	37.680,61	38.448,29	37.964,87	114.080,13	-99,57	-99,68	-99,76	-99,68	-3.481,85	-3.034,61	-2.591,52	-9.107,98	-37.516,79	-38.325,56	-37.873,63	-113.715,98
2/2/2021 11:00:00 AM	37.915,13	38.699,71	38.199,02	114.800,59	-99,75	-99,83	-99,88	-99,83	-2.649,31	-2.215,56	-1.777,66	-6.642,53	-37.819,82	-38.633,39	-38.155,05	-114.608,27
2/2/2021 11:01:00 AM	37.988,65	38.791,47	38.321,89	115.088,19	-99,47	-99,61	-99,70	-99,60	-3.882,78	-3.380,58	-2.979,10	-10.242,46	-37.787,00	-38.641,19	-38.203,31	-114.631,51
2/2/2021 11:02:00 AM	37.587,67	38.381,44	37.879,51	113.835,46	-99,74	-99,82	-99,88	-99,83	-2.679,47	-2.236,73	-1.809,24	-6.725,45	-37.489,48	-38.313,48	-37.833,67	-113.636,62
2/2/2021 11:03:00 AM	37.896,70	38.699,48	38.166,20	114.749,11	-99,74	-99,82	-99,87	-99,82	-2.702,26	-2.284,83	-1.860,96	-6.848,05	-37.797,52	-38.629,07	-38.118,00	-114.544,59
2/2/2021 11:04:00 AM	37.861,00	38.645,00	38.137,27	114.629,95	-99,57	-99,68	-99,76	-99,68	-3.481,89	-3.041,41	-2.606,65	-9.129,94	-37.697,92	-38.522,34	-38.045,52	-114.265,77
2/2/2021 11:05:00 AM	37.919,82	38.711,07	38.219,79	114.837,46	-99,77	-99,84	-99,90	-99,85	-2.557,78	-2.107,59	-1.676,41	-6.341,78	-37.830,87	-38.650,92	-38.180,43	-114.662,21
2/2/2021 11:06:00 AM	37.705,21	38.491,73	37.993,51	114.177,51	-99,73	-99,82	-99,87	-99,82	-2.724,29	-2.282,53	-1.850,71	-6.857,52	-37.604,18	-38.421,32	-37.945,89	-113.971,40
2/2/2021 11:07:00 AM	37.737,08	38.519,91	38.019,96	114.263,00	-99,69	-99,78	-99,84	-99,78	-2.949,10	-2.509,52	-2.073,16	-7.531,78	-37.618,86	-38.435,11	-37.960,53	-114.014,51
2/2/2021 11:08:00 AM	37.490,39	38.290,40	37.782,21	113.549,84	-99,70	-99,79	-99,85	-99,79	-2.876,72	-2.429,24	-2.011,60	-7.317,57	-37.377,30	-38.210,51	-37.725,99	-113.313,80
2/2/2021 11:09:00 AM	37.540,73	38.338,16	37.845,63	113.711,35	-99,74	-99,82	-99,88	-99,82	-2.689,22	-2.228,46	-1.811,67	-6.729,35	-37.441,77	-38.270,62	-37.799,67	-113.512,05
2/2/2021 11:10:00 AM	37.654,54	38.436,70	37.944,18	114.020,98	-99,58	-99,70	-99,77	-99,69	-3.413,09	-2.957,28	-2.529,22	-8.899,59	-37.496,49	-38.319,61	-37.857,04	-113.673,14
2/2/2021 11:11:00 AM	37.832,42	38.571,88	38.066,13	114.451,45	-99,46	-99,58	-99,68	-99,59	-3.887,00	-3.484,82	-3.006,13	-10.377,96	-37.627,58	-38.409,09	-37.943,29	-113.979,96
2/2/2021 11:12:00 AM	37.653,46	38.510,05	37.916,21	114.064,25	-99,74	-99,82	-99,87	-99,82	-2.662,66	-2.265,41	-1.889,92	-6.817,98	-37.555,50	-38.439,45	-37.865,35	-113.860,30
2/2/2021 11:13:00 AM	38.141,81	38.808,92	38.340,15	115.275,07	-99,65	-99,74	-99,83	-99,75	-3.133,68	-2.767,77	-2.209,61	-8.111,06	-38.009,68	-38.706,52	-38.273,17	-114.989,36
2/2/2021 11:14:00 AM	38.034,88	38.734,25	38.314,94	115.067,56	-99,54	-99,66	-99,75	-99,66	-3.617,23	-3.157,08	-2.651,21	-9.425,52	-37.859,16	-38.601,75	-38.219,97	-114.680,88
2/2/2021 11:15:00 AM	37.660,24	38.479,42	37.966,24	114.091,37	-99,64	-99,74	-99,80	-99,74	-3.176,20	-2.721,16	-2.324,31	-8.221,67	-37.523,15	-38.379,53	-37.892,06	-113

Potencia Neta TV 2 Neh_360MW



Potencia TV 2 Nehuenco

2/2/2021 8:59:00 AM - 2/2/2021 10:00:00 AM (Server Local)

PROMEDIO	40.031,27	40.865,54	40.381,70	121.265,04	-99,87	-99,93	-86,84	-99,93	-1.882,08	-1.381,85	-937,16	-4.201,09	-39.980,56	-40.835,61	-40.364,48	121.180,66
DESV EST	171,61	172,70	168,35	506,01	0,06	0,05	49,90	0,05	563,59	567,26	557,70	1686,38	176,32	177,27	170,27	517,16
%DESV EST	0,4287%	0,4226%	0,4169%	0,4173%	-0,0649%	-0,0460%	-57,4652%	-0,0471%	-29,9453%	-41,0510%	-59,5096%	-40,1416%	-0,4410%	-0,4341%	-0,4218%	0,4268%
DATOS	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
Timestamp	NEH_Gx.CT_NEH_2T V Apparent Power A (kVA)	NEH_Gx.CT_NEH_2T V Apparent Power B (kVA)	NEH_Gx.CT_NEH_2T V Apparent Power C (kVA)	NEH_Gx.CT_NEH_2T V Apparent Power (kVA)	NEH_Gx.CT_NEH_2T V Power Factor A (%)	NEH_Gx.CT_NEH_2T V Power Factor B (%)	NEH_Gx.CT_NEH_2T V Power Factor C (%)	NEH_Gx.CT_NEH_2T V Power Factor (%)	NEH_Gx.CT_NEH_2T V Reactive Power A (kVAr)	NEH_Gx.CT_NEH_2T V Reactive Power B (kVAr)	NEH_Gx.CT_NEH_2T V Reactive Power C (kVAr)	NEH_Gx.CT_NEH_2T V Reactive Power (kVAr)	NEH_Gx.CT_NEH_2T V Real Power A (kW)	NEH_Gx.CT_NEH_2T V Real Power B (kW)	NEH_Gx.CT_NEH_2T V Real Power C (kW)	NEH_Gx.CT_NEH_2T V Real Power (kW)
2/2/2021 9:00:00 AM	39.895,46	40.789,96	40.314,07	120.983,76	-99,96	-99,99	99,99	-99,99	-988,16	-415,41	0,00	-1.403,56	-39.880,04	-40.784,60	-40.310,97	-120.975,62
2/2/2021 9:01:00 AM	40.181,15	41.030,37	40.573,23	121.769,98	-99,97	-99,99	99,99	-100,00	-865,26	-313,74	126,68	-1.052,32	-40.169,03	-41.025,98	-40.570,43	-121.765,43
2/2/2021 9:02:00 AM	40.245,61	41.118,18	40.642,29	121.992,61	-99,94	-99,98	-99,99	-99,98	-1.293,28	-741,48	-324,33	-2.359,09	-40.222,30	-41.108,93	-40.638,57	-121.969,80
2/2/2021 9:03:00 AM	39.708,78	40.721,32	40.266,75	120.681,81	-99,93	-99,98	-99,99	-99,98	-1.417,68	-704,51	-450,24	-2.572,42	-39.680,89	-40.712,21	-40.261,29	-120.654,39
2/2/2021 9:04:00 AM	39.883,55	40.726,86	40.218,89	120.816,77	-99,94	-99,97	-99,99	-99,98	-1.365,00	-873,59	-423,41	-2.662,00	-39.857,89	-40.715,15	-40.214,39	-120.787,43
2/2/2021 9:05:00 AM	39.801,70	40.674,86	40.150,93	120.613,63	-99,92	-99,96	-99,98	-99,97	-1.483,70	-974,44	-561,65	-3.019,79	-39.771,27	-40.660,29	-40.144,25	-120.575,82
2/2/2021 9:06:00 AM	39.845,96	40.721,36	40.206,22	120.760,87	-99,96	-99,99	-99,99	-99,99	-1.043,48	-530,81	-116,00	-1.690,30	-39.829,93	-40.715,46	-40.203,65	-120.749,04
2/2/2021 9:07:00 AM	40.009,26	40.903,17	40.386,97	121.284,13	-99,94	-99,98	-99,99	-99,98	-1.258,63	-734,53	-339,35	-2.332,52	-39.986,10	-40.893,34	-40.382,26	-121.261,70
2/2/2021 9:08:00 AM	40.151,62	41.000,52	40.527,14	121.665,32	-99,83	-99,90	-99,94	-99,90	-2.317,65	-1.772,77	-1.347,13	-5.437,55	-40.082,02	-40.959,62	-40.502,11	-121.543,75
2/2/2021 9:09:00 AM	39.721,46	40.558,79	40.067,25	120.334,66	-99,86	-99,92	-99,96	-99,92	-2.042,93	-1.535,05	-1.091,93	-4.669,91	-39.666,63	-40.527,33	-40.050,05	-120.244,01
2/2/2021 9:10:00 AM	39.771,05	40.631,55	40.247,97	120.633,70	-99,91	-99,96	-99,98	-99,96	-1.630,07	-987,82	-583,32	-3.201,21	-39.734,23	-40.616,25	-40.240,74	-120.591,22
2/2/2021 9:11:00 AM	39.737,64	40.630,58	40.041,64	120.397,34	-99,78	-99,85	-99,90	-99,85	-2.621,87	-2.161,03	-1.767,54	-6.550,44	-39.648,44	-40.570,40	-40.000,18	-120.219,02
2/2/2021 9:12:00 AM	39.952,83	40.820,87	40.293,16	121.053,45	-99,84	-99,91	-99,94	-99,91	-1.689,49	-1.689,13	-1.276,56	-5.152,18	-39.890,34	-40.783,07	-40.270,34	-120.943,76
2/2/2021 9:13:00 AM	40.190,77	41.009,62	40.505,19	121.692,51	-99,87	-99,92	-99,96	-99,93	-2.003,01	-1.537,29	-1.063,30	-4.603,61	-40.138,44	-40.978,18	-40.488,78	-121.605,41
2/2/2021 9:14:00 AM	40.142,18	41.015,54	40.488,05	121.633,82	-99,98	-99,99	99,99	-100,00	-685,19	-208,98	218,52	-675,64	-40.134,06	-41.012,68	-40.485,21	-121.631,95
2/2/2021 9:15:00 AM	40.070,93	40.957,20	40.456,52	121.470,36	-99,91	-99,96	-99,98	-99,96	-1.609,93	-1.078,44	-679,59	-3.367,97	-40.035,62	-40.940,05	-40.447,99	-121.423,66
2/2/2021 9:16:00 AM	40.187,80	40.990,92	40.501,84	121.665,89	-99,96	-99,98	-99,99	-99,99	-1.102,39	-650,68	-152,79	-1.905,87	-40.170,29	-40.982,07	-40.498,61	-121.650,96
2/2/2021 9:17:00 AM	39.859,32	40.734,10	40.216,45	120.796,49	-99,85	-99,91	-99,95	-99,92	-2.130,29	-1.624,74	-1.214,41	-4.969,44	-39.799,89	-40.698,78	-40.195,57	-120.694,23
2/2/2021 9:18:00 AM	40.331,15	41.178,77	40.690,64	122.186,84	-99,85	-99,91	-99,95	-99,91	-2.180,46	-1.663,61	-1.225,48	-5.069,55	-40.269,45	-41.142,53	-40.669,65	-122.081,63
2/2/2021 9:19:00 AM	39.951,83	40.841,12	40.332,57	121.113,16	-99,92	-99,96	-99,97	-99,92	-1.543,53	-1.019,49	-622,94	-3.185,96	-39.919,77	-40.325,46	-40.071,23	-121.071,23
2/2/2021 9:20:00 AM	40.219,08	41.102,80	40.553,07	121.863,59	-99,97	-99,99	-99,99	-99,99	-853,35	-387,46	0,00	-1.240,81	-40.207,79	-41.098,68	-40.550,80	-121.857,27
2/2/2021 9:21:00 AM	40.097,67	40.963,85	40.481,63	121.528,90	-99,86	-99,92	-99,95	-99,92	-2.102,59	-1.566,57	-1.148,45	-4.817,61	-40.039,59	-40.931,38	-40.462,41	-121.433,38
2/2/2021 9:22:00 AM	40.075,29	40.722,05	40.423,54	121.204,43	-99,87	-99,93	-99,94	-99,94	-1.978,16	-1.454,46	-822,33	-4.254,96	-40.023,77	-40.693,11	-40.412,85	-121.129,72
2/2/2021 9:23:00 AM	39.967,27	40.806,92	40.318,01	121.077,50	-99,88	-99,93	-99,96	-99,94	-1.893,82	-1.398,11	-952,65	-4.244,58	-39.919,31	-40.779,96	-40.303,80	-121.003,07
2/2/2021 9:24:00 AM	39.793,90	40.534,23	40.146,55	120.458,86	-99,88	-99,93	-99,97	-99,94	-1.899,36	-1.378,80	-848,46	-4.126,62	-39.745,59	-40.507,63	-40.134,95	-120.388,16
2/2/2021 9:25:00 AM	40.063,16	40.910,70	40.373,02	121.334,94	-99,94	-99,97	-99,98	-99,94	-1.300,50	-844,24	-399,96	-2.544,70	-40.039,83	-40.899,67	-40.368,75	-121.308,25
2/2/2021 9:26:00 AM	40.296,96	41.134,56	40.611,30	122.031,34	-99,98	-99,99	99,99	-100,00	-584,25	-139,02	325,14	-398,13	-40.290,69	-41.132,10	-40.607,90	-122.030,69
2/2/2021 9:27:00 AM	40.199,91	41.012,97	40.540,28	121.739,54	-99,89	-99,94	-99,97	-99,94	-1.865,52	-1.371,92	-899,83	-4.137,27	-40.154,12	-40.987,32	-40.527,78	-121.669,22
2/2/2021 9:28:00 AM	40.011,20	40.816,15	40.328,76	121.143,80	-99,86	-99,92	-99,95	-99,92	-2.099,69	-1.625,94	-99,52	-4.872,66	-39.953,95	-40.781,52	-40.310,30	-121.045,77
2/2/2021 9:29:00 AM	40.188,68	41.004,88	40.503,71	121.684,83	-99,93	-99,96	-99,99	-99,97	-1.476,99	-1.021,87	-544,79	-3.043,65	-40.159,27	-40.989,77	-40.497,71	-121.646,77
2/2/2021 9:30:00 AM	40.108,36	40.913,50	40.435,76	121.445,19	-99,88	-99,93	-99,96	-99,93	-1.951,62	-1.475,92	-997,39	-4.424,93	-40.058,72	-40.884,60	-40.421,23	-121.364,55
2/2/2021 9:31:00 AM	40.123,62	40.943,09	40.454,22	121.508,27	-99,91	-99,95	-99,98	-99,96	-1.665,20	-1.194,48	-722,78	-3.582,46	-40.086,77	-40.923,24	-40.445,45	-121.455,45
2/2/2021 9:32:00 AM	40.020,10	40.844,80	40.416,86	121.268,05	-99,87	-99,93	-99,96	-99,93	-1.980,70	-1.431,06	-984,36	-4.396,12	-39.968,72	-40.817,14	-40.402,49	-121.188,34
2/2/2021 9:33:00 AM	40.031,34	40.862,04	40.369,77	121.250,93	-99,89	-99,94	-99,97	-99,95	-1.786,11	-1.306,53	-854,45	-3.947,10	-39.989,31	-40.838,88	-40.358,49	-121.186,67
2/2/2021 9:34:00 AM	39.768,38	40.592,39	40.085,91	120.434,38	-99,88	-99,93	-99,96	-99,94	-1.903,08	-1.439,33	-978,40	-4.320,81	-39.720,60	-40.564,50	-40.071,74	-120.356,84
2/2/2021 9:35:00 AM	40.321,86	41.154,27	40.642,77	122.106,91	-99,93	-99,97	-99,99	-99,97	-1.394,64	-942,00	-478,92	-2.815,56	-40.295,57	-41.141,13	-40.637,75	-122.074,44
2/2/2021 9:36:00 AM	39.864,14	40.691,33	40.185,14	120.728,48	-99,89	-99,94	-99,97	-99,94	-1.845,49	-1.379,34	-921,50	-4.146,32	-39.819,25	-40.665,62	-40.172,39	-120.657,26
2/2/2021 9:37:00 AM	40.160,48	41.013,49	40.480,71	121.643,06	-99,94	-99,97	-99,99	-99,98	-1.323,40	-872,39	-437,81	-2.633,60	-40.136,55	-41.001,91	-40.476,09	-121.614,55
2/2/2021 9:38:00 AM	40.154,58	41.003,19	40.484,57	121.629,40	-99,90	-99,95	-99,97	-99,95	-1.698,47	-1.228,41	-791,58	-3.718,46	-40.116,11	-40.982,13	-40.474,30	-121.572,55
2/2/2021 9:39:00 AM	39.902,08	40.747,50	40.237,98	120.874,94	-99,87	-99,92	-99,96	-99,93	-2.017,75	-1.541,48	-1.106,13	-4.665,36	-39.848,65	-40.715,84	-40.220,38	-120.784,87
2/2/2021 9:40:00 AM	39.923,64	40.738,02	40.231,78	120.879,84	-99,80	-99,87	-99,92	-99,87	-2.479,78	-2.026,26	-1.560,06	-6.066,10	-39.843,85	-40.684,83	-40.198,87	-120.727,55
2/2/2021 9:41:00 AM	40.217,50	41.031,01	40.515,46	121.750,57	-99,86	-99,91	-99,97	-99,87	-2.533,40	-2.089,33	-1.619,10	-6.241,82	-40.135,00	-40.975,06	-40.480,40	-121.590,47
2/2/2021 9:42:00 AM	40.131,23	40.942,51	40.509,43	121.569,23	-99,81	-99,88	-99,93	-99,88	-2.454,75	-1.920,46	-1.465,73	-5.840,94	-40.053,57	-40.894,85	-40.480,42	-121.428,84
2/2/2021 9:43:00 AM	39.961,29	40.765,59	40.287,08	120.998,40	-99,81	-99,88	-99,93	-99,89	-2.380,43	-1.907,11	-1.432,96	-5.720,49	-39.887,23	-40.717,73	-40.258,14	-120.863,09
2/2/2021 9:44:00 AM	39.864,31	40.660,59	40.278,77	120.788,91	-99,74	-99,84	-99,89	-99,83	-2.858,30	-2.274,78	-1.826,79	-6.959,86	-39.759,16	-40.594,29	-40.234,78	-120.588,24
2/2/2021 9:45:00 AM	39.859,61	40.627,14	40.189,92	120.663,12	-99,83	-99,90	-99,94	-99,90	-2.254,87	-1.769,51	-1.275,42	-5.299,81	-39.793,37	-40.586,03	-40.167,26	-120.546,66
2/2/2021 9:46:00 AM	39.858,23	40.678,69	40.188,29	120.712,67	-99,76	-99,84	-99,89	-99,84	-2.726,09	-2.245,02	-1.801,13	-6.772,23	-39.762,64	-40.614,33	-40.145,59	-1

Potencia Neta TV 2 Neh_395MW



Potencia TV 2 Nehuenco

2/2/2021 7:29:00 AM - 2/2/2021 8:30:00 AM (Server Local)

PROMEDIO	42.655,99	43.555,04	43.052,77	129.249,61	93,41	99,93	99,88	99,94	948,04	1.509,14	1.963,38	4.420,56	-42.639,97	-43.523,29	-43.002,34	129.165,60
DESV EST	166,55	160,81	181,16	495,11	35,90	0,04	0,06	0,04	494,87	493,35	510,23	1493,27	160,95	152,26	170,11	469,60
%DESV EST	0,3905%	0,3692%	0,4208%	0,3831%	38,4379%	0,0424%	0,0559%	0,0426%	52,1995%	32,6905%	25,9874%	33,7801%	-0,3775%	-0,3498%	-0,3956%	0,3636%
DATOS	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
Timestamp	NEH_Gx.CT_NEH_2T V Apparent Power A (kVA)	NEH_Gx.CT_NEH_2 TV Apparent Power B (kVA)	NEH_Gx.CT_NEH_2T V Apparent Power C (kVA)	NEH_Gx.CT_NEH_2T V Apparent Power (kVA)	NEH_Gx.CT_NEH_2T V Power Factor A (%)	NEH_Gx.CT_NEH_2T V Power Factor B (%)	NEH_Gx.CT_NEH_2T V Power Factor C (%)	NEH_Gx.CT_NEH_2T V Power Factor (%)	NEH_Gx.CT_NEH_2T V Reactive Power A (kVar)	NEH_Gx.CT_NEH_2T V Reactive Power B (kVar)	NEH_Gx.CT_NEH_2T V Reactive Power C (kVar)	NEH_Gx.CT_NEH_2T V Reactive Power (kVar)	NEH_Gx.CT_NEH_2T V Real Power A (kW)	NEH_Gx.CT_NEH_2T V Real Power B (kW)	NEH_Gx.CT_NEH_2T V Real Power C (kW)	NEH_Gx.CT_NEH_2T V Real Power (kW)
2/2/2021 7:30:00 AM	42.923,98	43.819,75	43.303,65	130.034,11	99,95	99,91	99,86	99,92	1.232,55	1.778,31	2.255,87	5.266,73	-42.903,86	-43.781,12	-43.242,43	-129.927,41
2/2/2021 7:31:00 AM	42.649,24	43.502,14	43.019,27	129.155,54	99,98	99,96	99,92	99,96	635,65	1.182,20	1.691,66	3.509,51	-42.641,63	-43.483,09	-42.983,13	-129.107,84
2/2/2021 7:32:00 AM	42.603,41	43.521,12	43.137,92	129.243,69	99,98	99,95	99,91	99,96	551,88	1.268,64	1.700,19	3.520,72	-42.595,98	-43.499,11	-43.100,65	-129.195,73
2/2/2021 7:33:00 AM	42.553,11	43.424,66	42.923,52	128.887,52	99,98	99,96	99,92	99,96	621,44	1.163,80	1.657,92	3.443,16	-42.546,13	-43.406,43	-42.888,97	-128.841,53
2/2/2021 7:34:00 AM	42.636,97	43.523,95	42.943,32	129.090,25	99,98	99,96	99,92	99,96	718,84	1.190,93	1.672,37	3.582,14	-42.627,96	-43.504,63	-42.907,94	-129.040,55
2/2/2021 7:35:00 AM	42.918,12	43.830,86	43.437,89	130.171,08	99,97	99,92	99,88	99,93	964,89	1.657,52	2.105,52	4.727,94	-42.904,36	-43.796,82	-43.384,00	-130.085,19
2/2/2021 7:36:00 AM	42.478,12	43.384,74	42.904,47	128.753,04	99,97	99,94	99,90	99,95	838,02	1.432,70	1.890,12	4.160,84	-42.467,21	-43.358,33	-42.860,25	-128.685,79
2/2/2021 7:37:00 AM	42.552,65	43.436,32	42.958,43	128.933,60	99,97	99,94	99,89	99,94	899,51	1.474,03	1.954,32	4.327,86	-42.540,66	-43.408,72	-42.911,57	-128.860,95
2/2/2021 7:38:00 AM	42.597,47	43.495,37	42.947,42	129.027,32	99,95	99,90	99,85	99,91	1.337,50	1.848,77	2.320,07	5.506,34	-42.574,08	-43.453,48	-42.882,20	-128.909,77
2/2/2021 7:39:00 AM	42.577,53	43.453,64	42.928,93	128.946,66	99,97	99,94	99,89	99,94	966,83	1.487,88	1.979,81	4.434,51	-42.564,08	-43.425,54	-42.880,77	-128.870,38
2/2/2021 7:40:00 AM	42.903,11	43.686,98	43.174,20	129.749,86	99,96	99,92	99,86	99,92	1.189,53	1.622,47	2.214,99	5.026,98	-42.884,12	-43.653,88	-43.114,43	-129.652,43
2/2/2021 7:41:00 AM	42.781,16	43.676,54	43.178,23	129.622,03	99,95	99,91	99,86	99,92	1.214,86	1.776,91	2.245,07	5.236,85	-42.761,36	-43.637,74	-43.117,11	-129.516,20
2/2/2021 7:42:00 AM	42.271,47	43.166,16	42.641,63	128.063,09	-99,99	99,98	99,97	99,99	-56,42	-497,83	957,87	1.399,28	-42.268,29	-43.159,49	-42.627,68	-128.055,45
2/2/2021 7:43:00 AM	42.605,84	43.413,52	42.920,08	128.924,27	99,98	99,95	99,91	99,96	729,09	1.214,06	1.774,34	3.717,50	-42.596,76	-43.393,24	-42.880,67	-128.870,66
2/2/2021 7:44:00 AM	42.871,14	43.756,25	43.400,37	130.010,28	99,92	99,86	99,79	99,87	1.591,27	2.285,75	2.762,70	6.639,72	-42.838,35	-43.692,82	-43.309,46	-129.840,62
2/2/2021 7:45:00 AM	42.642,29	43.481,85	43.089,40	129.196,93	99,95	99,91	99,85	99,92	1.181,01	1.799,54	2.322,33	5.302,87	-42.622,89	-43.440,99	-43.024,18	-129.088,06
2/2/2021 7:46:00 AM	42.580,60	43.343,38	42.955,01	128.862,13	99,97	99,93	99,87	99,94	981,94	1.526,83	2.128,06	4.636,83	-42.566,18	-43.313,16	-42.899,32	-128.778,67
2/2/2021 7:47:00 AM	42.711,41	43.569,70	43.186,32	129.451,85	99,97	99,92	99,87	99,93	984,05	1.631,18	2.133,53	4.748,76	-42.697,29	-43.536,46	-43.130,96	-129.364,73
2/2/2021 7:48:00 AM	42.885,32	43.792,97	43.275,07	129.939,97	99,88	99,82	99,75	99,83	2.019,18	2.560,46	3.022,28	7.601,92	-42.835,23	-43.715,36	-43.166,82	-129.717,41
2/2/2021 7:49:00 AM	42.602,56	43.418,92	42.984,73	128.991,17	99,97	99,93	99,88	99,94	973,55	1.526,79	2.073,20	4.573,53	-42.588,79	-43.389,19	-42.932,08	-128.910,06
2/2/2021 7:50:00 AM	42.817,38	43.681,31	43.183,01	129.666,87	99,96	99,93	99,88	99,93	1.045,84	1.577,36	2.074,53	4.697,73	-42.801,77	-43.649,92	-43.130,05	-129.581,74
2/2/2021 7:51:00 AM	42.774,59	43.671,11	43.123,15	129.554,55	99,97	99,94	99,90	99,95	870,18	1.382,39	1.847,95	4.100,52	-42.762,84	-43.646,29	-43.080,52	-129.489,65
2/2/2021 7:52:00 AM	42.587,25	43.555,52	42.980,04	129.106,57	99,96	99,93	99,89	99,94	1.015,24	1.571,55	1.956,19	4.542,97	-42.571,29	-43.523,29	-42.932,04	-129.026,61
2/2/2021 7:53:00 AM	42.563,75	43.429,87	42.935,80	128.914,97	99,97	99,94	99,89	99,94	932,13	1.469,20	1.960,73	4.362,06	-42.550,79	-43.401,88	-42.888,48	-128.841,15
2/2/2021 7:54:00 AM	42.880,44	43.771,89	43.280,93	129.919,48	99,92	99,87	99,81	99,88	1.600,11	2.157,85	2.628,00	6.385,95	-42.848,04	-43.715,89	-43.198,52	-129.762,44
2/2/2021 7:55:00 AM	42.805,26	43.703,98	43.192,21	129.688,54	99,96	99,92	99,87	99,92	1.157,44	1.710,72	2.170,48	5.038,64	-42.787,30	-43.668,05	-43.135,29	-129.590,63
2/2/2021 7:56:00 AM	42.769,32	43.676,42	43.152,84	129.585,41	99,85	99,79	99,71	99,79	2.269,55	2.801,48	3.262,77	8.333,80	-42.706,57	-43.583,81	-43.026,78	-129.317,16
2/2/2021 7:57:00 AM	42.825,18	43.725,38	43.200,41	129.738,18	99,92	99,87	99,81	99,88	1.627,94	2.161,37	2.627,88	6.417,19	-42.791,93	-43.669,43	-43.118,02	-129.579,38
2/2/2021 7:58:00 AM	42.481,00	43.384,80	42.860,19	128.713,32	99,98	99,95	99,91	99,95	807,61	1.355,70	1.806,22	3.969,53	-42.471,09	-43.361,19	-42.819,81	-128.652,09
2/2/2021 7:59:00 AM	42.693,68	43.577,03	43.096,09	129.351,23	99,93	99,88	99,82	99,89	1.523,88	2.080,40	2.559,47	6.163,75	-42.663,50	-43.523,94	-43.016,85	-129.204,29
2/2/2021 8:00:00 AM	42.828,08	43.596,91	43.113,88	129.522,93	99,97	99,95	99,90	99,95	862,75	1.311,66	1.906,43	4.080,84	-42.815,91	-43.573,94	-43.068,77	-129.458,63
2/2/2021 8:01:00 AM	42.803,63	43.583,12	43.153,88	129.524,75	99,98	99,95	99,90	99,95	788,66	1.308,72	1.886,14	3.983,52	-42.793,35	-43.560,23	-43.109,90	-129.463,48
2/2/2021 8:02:00 AM	42.384,80	43.290,07	42.761,68	128.423,30	99,99	99,98	99,95	99,98	259,92	811,47	1.252,51	2.323,90	-42.381,61	-43.279,82	-42.740,84	-128.402,27
2/2/2021 8:03:00 AM	42.517,16	43.367,60	42.887,30	128.758,55	99,96	99,92	99,86	99,92	1.179,69	1.710,08	2.218,20	5.107,97	-42.498,40	-43.331,32	-42.827,46	-128.657,18
2/2/2021 8:04:00 AM	42.651,07	43.534,71	43.042,96	129.215,09	-99,99	99,99	99,97	99,99	-93,40	481,60	942,85	1.331,05	-42.648,57	-43.529,46	-43.030,21	-129.208,24
2/2/2021 8:05:00 AM	42.726,08	43.604,44	43.115,54	129.432,97	99,93	99,89	99,83	99,94	955,80	1.507,93	1.981,34	4.445,08	-42.713,07	-43.575,88	-43.067,67	-129.356,62
2/2/2021 8:06:00 AM	42.596,21	43.463,39	42.987,53	129.033,94	99,99	99,97	99,94	99,98	339,58	905,72	1.378,88	2.624,17	-42.592,58	-43.451,53	-42.963,15	-129.007,26
2/2/2021 8:07:00 AM	42.430,16	43.379,46	42.813,10	128.609,62	99,98	99,95	99,92	99,96	665,49	1.214,41	1.612,68	3.492,57	-42.422,43	-43.359,73	-42.780,02	-128.562,18
2/2/2021 8:08:00 AM	42.535,13	43.428,27	42.923,39	128.873,61	99,97	99,93	99,89	99,94	943,12	1.498,31	1.953,30	4.394,73	-42.522,29	-43.399,86	-42.876,51	-128.798,66
2/2/2021 8:09:00 AM	42.342,54	43.257,70	42.751,39	128.338,13	99,98	99,95	99,91	99,96	729,89	1.307,22	1.737,38	3.774,50	-42.333,77	-43.235,28	-42.713,55	-128.282,60
2/2/2021 8:10:00 AM	42.606,23	43.525,23	42.990,27	129.108,90	99,99	99,96	99,93	99,97	547,73	1.103,28	1.533,43	3.184,43	-42.600,38	-43.508,70	-42.960,54	-129.069,63
2/2/2021 8:11:00 AM	42.455,95	43.365,14	42.843,32	128.651,76	99,96	99,92	99,88	99,93	1.073,84	1.623,42	2.062,13	4.759,39	-42.440,08	-43.332,23	-42.791,38	-128.563,70
2/2/2021 8:12:00 AM	42.517,81	43.446,00	42.916,73	128.867,79	99,93	99,88	99,82	99,88	1.552,87	2.106,17	2.528,39	6.187,42	-42.487,07	-43.392,33	-42.839,77	-128.719,17
2/2/2021 8:13:00 AM	42.739,65	43.671,86	43.143,20	129.541,64	99,87	99,80	99,73	99,81	2.164,86	2.710,54	3.135,43	8.010,84	-42.682,29	-43.584,92	-43.026,51	-129.293,71
2/2/2021 8:14:00 AM	42.740,91	43.664,43	43.136,71	129.529,20	99,91	99,85	99,79	99,86	1.758,90	2.303,18	2.734,03	6.796,11	-42.702,31	-43.601,00	-43.047,49	-129.350,79
2/2/2021 8:15:00 AM	42.837,44	43.787,06	43.250,80	129.862,28	99,93	99,87	99,82	99,88	1.568,51	2.134,20	2.533,27	6.235,98	-42.806,22	-43.732,29	-43.173,96	-129.712,47
2/2/2021 8:16:00 AM	42.717,00	43.714,04	43.228,44	129.644,30	99,98	99,95	99,92									

EMISIONES 395MW



	CO (mg/Nm ³)	NOx (mg/Nm ³)	SO ₂ (mg/Nm ³)	MP (mg/Nm ³)
PROMEDIO	925,01	71,21	146,81	0,32
DESV EST	2.385,16	49,24	278,04	0,04
%DESV EST	257,85%	69,15%	189,38%	12,34%
DATOS	61	61	61	61

Duración		1:00:00				
Fecha	Hora	CO (mg/Nm ³)	NOx (mg/Nm ³)	SO ₂ (mg/Nm ³)	MP (mg/Nm ³)	
02-02-2021	7:30:00	213,01	85,63	21,09	0,31	
02-02-2021	7:31:00	220,45	85,85	21,21	0,31	
02-02-2021	7:32:00	226,66	85,72	21,27	0,31	
02-02-2021	7:33:00	240,58	85,09	21,00	0,31	
02-02-2021	7:34:00	249,46	84,84	20,85	0,31	
02-02-2021	7:35:00	258,14	84,68	20,55	0,31	
02-02-2021	7:36:00	264,63	84,93	20,57	0,30	
02-02-2021	7:37:00	261,10	85,27	20,76	0,30	
02-02-2021	7:38:00	262,81	85,50	20,67	0,31	
02-02-2021	7:39:00	259,86	85,29	20,89	0,31	
02-02-2021	7:40:00	267,78	85,29	20,88	0,31	
02-02-2021	7:41:00	250,27	85,02	20,85	0,31	
02-02-2021	7:42:00	256,20	85,28	20,94	0,31	
02-02-2021	7:43:00	261,53	84,93	20,75	0,31	
02-02-2021	7:44:00	165,44	68,70	19,60	0,30	
02-02-2021	7:45:00	260,38	50,22	15,34	0,30	
02-02-2021	7:46:00	270,84	83,01	21,18	0,31	
02-02-2021	7:47:00	671,27	76,05	21,88	0,32	
02-02-2021	7:48:00	22,05	7,83	16,42	0,41	
02-02-2021	7:49:00	14,27	1,65	9,53	0,30	
02-02-2021	7:50:00	12,77	1,00	7,90	0,30	
02-02-2021	7:51:00	14,01	0,72	7,43	0,30	
02-02-2021	7:52:00	19,82	1,44	248,75	0,41	
02-02-2021	7:53:00	20,93	1,74	758,03	0,41	
02-02-2021	7:54:00	18,36	1,55	906,66	0,41	
02-02-2021	7:55:00	20,12	1,73	945,09	0,41	
02-02-2021	7:56:00	20,15	1,79	963,38	0,41	
02-02-2021	7:57:00	20,14	1,87	975,52	0,42	
02-02-2021	7:58:00	21,76	1,96	990,49	0,41	
02-02-2021	7:59:00	19,03	0,00	689,74	0,27	
02-02-2021	8:00:00	18,22	0,00	206,02	0,30	
02-02-2021	8:01:00	18,65	0,00	89,16	0,29	
02-02-2021	8:02:00	20,49	0,00	57,97	0,30	
02-02-2021	8:03:00	983,54	55,13	50,03	0,37	
02-02-2021	8:04:00	1083,29	82,54	83,59	0,41	
02-02-2021	8:05:00	1085,46	83,94	102,60	0,30	
02-02-2021	8:06:00	1086,14	83,93	101,58	0,29	
02-02-2021	8:07:00	8585,25	150,64	141,39	0,29	
02-02-2021	8:08:00	10045,93	202,30	204,54	0,30	
02-02-2021	8:09:00	10063,13	203,38	207,75	0,29	
02-02-2021	8:10:00	10027,02	203,43	206,74	0,30	
02-02-2021	8:11:00	3108,09	147,96	104,55	0,35	
02-02-2021	8:12:00	353,37	90,49	33,91	0,31	
02-02-2021	8:13:00	298,03	86,26	32,53	0,31	
02-02-2021	8:14:00	288,87	85,81	31,49	0,31	
02-02-2021	8:15:00	278,30	85,99	29,69	0,31	
02-02-2021	8:16:00	278,09	85,68	28,10	0,31	
02-02-2021	8:17:00	271,39	85,87	27,37	0,31	
02-02-2021	8:18:00	265,12	85,65	26,86	0,31	
02-02-2021	8:19:00	265,54	86,15	26,16	0,30	
02-02-2021	8:20:00	267,43	86,07	25,95	0,31	
02-02-2021	8:21:00	262,43	85,89	25,53	0,31	
02-02-2021	8:22:00	267,23	85,78	25,39	0,31	
02-02-2021	8:23:00	268,61	85,68	24,83	0,31	
02-02-2021	8:24:00	267,40	85,90	24,65	0,31	
02-02-2021	8:25:00	267,68	86,06	24,98	0,31	
02-02-2021	8:26:00	264,68	85,85	24,90	0,31	
02-02-2021	8:27:00	260,50	85,85	24,84	0,31	
02-02-2021	8:28:00	263,08	85,75	24,75	0,31	
02-02-2021	8:29:00	266,79	85,60	24,46	0,31	
02-02-2021	8:30:00	261,89	85,57	24,08	0,31	

EMISIONES 360MW

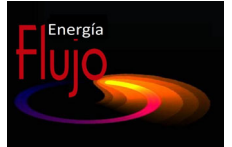


	CO (mg/Nm ³)	NOx (mg/Nm ³)	SO ₂ (mg/Nm ³)	MP (mg/Nm ³)
PROMEDIO	247,09	87,65	20,87	0,31
DESV EST	5,61	0,53	0,41	0,18
%DESV EST	2,27%	0,61%	1,95%	58,67%
DATOS	61	61	61	61

Duración 1:00:00

Fecha	Hora	CO (mg/Nm ³)	NOx (mg/Nm ³)	SO ₂ (mg/Nm ³)	MP (mg/Nm ³)
02-02-2021	9:00:00	257,67	85,84	21,74	0,31
02-02-2021	9:01:00	263,86	85,62	21,53	0,31
02-02-2021	9:02:00	260,23	85,73	21,66	0,15
02-02-2021	9:03:00	258,92	86,41	21,48	0,00
02-02-2021	9:04:00	262,22	86,73	21,57	0,72
02-02-2021	9:05:00	250,43	87,59	21,42	1,11
02-02-2021	9:06:00	240,71	87,93	21,43	1,11
02-02-2021	9:07:00	244,21	87,86	21,41	0,65
02-02-2021	9:08:00	248,33	87,77	21,38	0,00
02-02-2021	9:09:00	242,39	87,85	21,33	0,00
02-02-2021	9:10:00	244,38	87,75	21,23	0,29
02-02-2021	9:11:00	249,94	88,22	21,25	0,28
02-02-2021	9:12:00	248,80	88,18	21,28	0,28
02-02-2021	9:13:00	246,10	87,81	21,17	0,28
02-02-2021	9:14:00	247,51	88,08	21,23	0,28
02-02-2021	9:15:00	246,80	87,71	21,22	0,28
02-02-2021	9:16:00	248,37	87,88	21,11	0,28
02-02-2021	9:17:00	248,58	87,76	21,08	0,28
02-02-2021	9:18:00	244,01	87,86	21,05	0,28
02-02-2021	9:19:00	242,36	87,52	21,14	0,28
02-02-2021	9:20:00	242,65	87,68	21,06	0,28
02-02-2021	9:21:00	244,78	87,75	21,01	0,28
02-02-2021	9:22:00	239,29	87,75	20,98	0,28
02-02-2021	9:23:00	246,99	87,78	20,87	0,28
02-02-2021	9:24:00	254,16	87,39	20,78	0,28
02-02-2021	9:25:00	248,65	87,78	20,83	0,28
02-02-2021	9:26:00	247,13	87,81	20,96	0,28
02-02-2021	9:27:00	250,44	87,64	21,13	0,28
02-02-2021	9:28:00	248,28	87,76	20,95	0,28
02-02-2021	9:29:00	248,74	87,81	21,02	0,28
02-02-2021	9:30:00	250,00	87,93	21,00	0,28
02-02-2021	9:31:00	244,25	87,39	20,63	0,28
02-02-2021	9:32:00	243,40	87,35	20,19	0,28
02-02-2021	9:33:00	246,79	87,57	20,29	0,28
02-02-2021	9:34:00	244,48	87,65	20,20	0,28
02-02-2021	9:35:00	239,14	87,88	20,17	0,28
02-02-2021	9:36:00	241,77	88,15	20,39	0,28
02-02-2021	9:37:00	240,60	88,26	20,51	0,28
02-02-2021	9:38:00	241,75	88,22	20,51	0,28
02-02-2021	9:39:00	249,53	87,87	20,45	0,28
02-02-2021	9:40:00	246,31	87,93	20,41	0,28
02-02-2021	9:41:00	243,77	88,10	20,52	0,28
02-02-2021	9:42:00	244,26	87,82	20,66	0,28
02-02-2021	9:43:00	245,44	87,53	20,71	0,28
02-02-2021	9:44:00	246,97	87,70	20,65	0,28
02-02-2021	9:45:00	247,01	87,66	20,53	0,28
02-02-2021	9:46:00	242,61	87,59	20,82	0,28
02-02-2021	9:47:00	244,34	87,74	20,46	0,28
02-02-2021	9:48:00	246,09	87,69	20,34	0,28
02-02-2021	9:49:00	251,52	87,71	20,20	0,28
02-02-2021	9:50:00	243,55	87,61	20,43	0,28
02-02-2021	9:51:00	240,13	87,71	20,44	0,28
02-02-2021	9:52:00	231,02	88,09	20,86	0,28
02-02-2021	9:53:00	248,95	87,77	20,72	0,28
02-02-2021	9:54:00	246,83	87,35	20,68	0,28
02-02-2021	9:55:00	248,48	87,82	20,71	0,28
02-02-2021	9:56:00	250,92	87,68	20,61	0,28
02-02-2021	9:57:00	253,31	87,86	20,70	0,28
02-02-2021	9:58:00	245,34	87,80	20,46	0,28
02-02-2021	9:59:00	248,01	88,00	20,72	0,28
02-02-2021	10:00:00	249,21	87,82	20,71	0,28

EMISIONES 325MW



	CO (mg/Nm ³)	NOx (mg/Nm ³)	SO ₂ (mg/Nm ³)	MP (mg/Nm ³)
PROMEDIO	194,37	89,68	20,19	0,25
DESV EST	8,82	0,46	0,38	0,01
%DESV EST	4,54%	0,52%	1,87%	2,41%
DATOS	61	61	61	61

Duración		1:00:00			
Fecha	Hora	CO (mg/Nm ³)	NOx (mg/Nm ³)	SO ₂ (mg/Nm ³)	MP (mg/Nm ³)
02-02-2021	10:30:00	239,99	88,00	20,16	0,27
02-02-2021	10:31:00	233,86	87,88	20,22	0,27
02-02-2021	10:32:00	217,37	88,01	20,37	0,27
02-02-2021	10:33:00	196,55	88,89	20,29	0,27
02-02-2021	10:34:00	196,22	88,94	20,13	0,25
02-02-2021	10:35:00	195,19	89,26	20,08	0,25
02-02-2021	10:36:00	193,92	89,60	19,95	0,25
02-02-2021	10:37:00	192,31	89,55	19,82	0,24
02-02-2021	10:38:00	189,18	89,67	19,94	0,25
02-02-2021	10:39:00	190,27	89,51	20,06	0,25
02-02-2021	10:40:00	193,38	89,33	19,97	0,25
02-02-2021	10:41:00	192,22	89,51	20,08	0,25
02-02-2021	10:42:00	189,64	89,53	20,20	0,25
02-02-2021	10:43:00	191,62	89,97	19,99	0,25
02-02-2021	10:44:00	190,03	89,67	20,20	0,26
02-02-2021	10:45:00	188,95	89,88	20,17	0,25
02-02-2021	10:46:00	189,14	89,94	20,18	0,25
02-02-2021	10:47:00	191,06	89,98	20,28	0,25
02-02-2021	10:48:00	188,31	89,94	20,28	0,25
02-02-2021	10:49:00	191,70	89,89	20,14	0,25
02-02-2021	10:50:00	189,18	89,96	20,01	0,25
02-02-2021	10:51:00	191,90	89,89	20,32	0,25
02-02-2021	10:52:00	192,33	89,71	20,23	0,25
02-02-2021	10:53:00	189,73	90,02	20,42	0,25
02-02-2021	10:54:00	190,57	89,90	20,46	0,25
02-02-2021	10:55:00	190,84	90,10	20,36	0,25
02-02-2021	10:56:00	189,51	90,03	20,31	0,25
02-02-2021	10:57:00	192,87	89,84	20,20	0,25
02-02-2021	10:58:00	192,61	89,81	20,04	0,25
02-02-2021	10:59:00	192,65	89,96	20,08	0,25
02-02-2021	11:00:00	192,23	90,10	20,25	0,25
02-02-2021	11:01:00	190,86	89,83	20,10	0,24
02-02-2021	11:02:00	190,91	89,82	20,43	0,25
02-02-2021	11:03:00	192,98	89,99	20,39	0,25
02-02-2021	11:04:00	188,17	90,05	20,29	0,25
02-02-2021	11:05:00	192,56	89,81	20,07	0,25
02-02-2021	11:06:00	192,96	89,64	20,00	0,25
02-02-2021	11:07:00	188,37	89,73	20,19	0,25
02-02-2021	11:08:00	192,24	90,09	20,82	0,25
02-02-2021	11:09:00	194,05	89,78	20,90	0,25
02-02-2021	11:10:00	193,48	90,06	20,77	0,25
02-02-2021	11:11:00	195,29	89,74	20,74	0,25
02-02-2021	11:12:00	192,12	89,97	20,81	0,25
02-02-2021	11:13:00	193,37	89,92	20,67	0,24
02-02-2021	11:14:00	195,64	89,66	20,72	0,25
02-02-2021	11:15:00	193,65	89,49	20,63	0,25
02-02-2021	11:16:00	193,22	89,59	20,42	0,25
02-02-2021	11:17:00	194,44	89,56	20,51	0,25
02-02-2021	11:18:00	194,84	89,66	20,39	0,25
02-02-2021	11:19:00	196,78	89,70	20,49	0,25
02-02-2021	11:20:00	193,38	89,79	20,54	0,25
02-02-2021	11:21:00	191,33	89,81	20,45	0,25
02-02-2021	11:22:00	192,76	89,86	20,06	0,25
02-02-2021	11:23:00	193,78	89,79	19,81	0,25
02-02-2021	11:24:00	194,88	90,02	19,73	0,25
02-02-2021	11:25:00	195,68	89,95	19,93	0,24
02-02-2021	11:26:00	194,16	89,72	19,54	0,25
02-02-2021	11:27:00	192,36	89,84	19,40	0,24
02-02-2021	11:28:00	195,26	89,87	19,21	0,25
02-02-2021	11:29:00	195,76	89,71	19,22	0,24
02-02-2021	11:30:00	196,06	89,83	19,09	0,25

EMISIONES 290MW



		CO (mg/Nm ³)	NOx (mg/Nm ³)	SO ₂ (mg/Nm ³)	MP (mg/Nm ³)
PROMEDIO		267,93	80,49	17,50	0,21
DESV EST		19,31	2,36	0,78	0,01
%DESV EST		7,21%	2,94%	4,45%	4,04%
DATOS		61	61	61	61
Duración	1:00:00				
Fecha	Hora	CO (mg/Nm ³)	NOx (mg/Nm ³)	SO ₂ (mg/Nm ³)	MP (mg/Nm ³)
02-02-2021	12:00:00	192,76	90,12	20,01	0,24
02-02-2021	12:01:00	193,70	89,97	20,07	0,24
02-02-2021	12:02:00	196,22	89,65	19,95	0,24
02-02-2021	12:03:00	222,40	86,82	19,62	0,22
02-02-2021	12:04:00	269,69	81,30	18,72	0,21
02-02-2021	12:05:00	281,12	78,77	17,90	0,21
02-02-2021	12:06:00	271,78	78,26	17,78	0,21
02-02-2021	12:07:00	255,39	79,98	17,93	0,21
02-02-2021	12:08:00	252,53	80,26	18,09	0,20
02-02-2021	12:09:00	258,03	79,97	18,11	0,21
02-02-2021	12:10:00	257,98	79,69	18,07	0,21
02-02-2021	12:11:00	258,78	80,12	18,16	0,21
02-02-2021	12:12:00	261,36	80,12	18,09	0,21
02-02-2021	12:13:00	263,08	79,95	18,03	0,20
02-02-2021	12:14:00	265,68	80,08	17,44	0,21
02-02-2021	12:15:00	264,35	80,07	17,46	0,21
02-02-2021	12:16:00	266,89	80,33	17,46	0,21
02-02-2021	12:17:00	269,22	80,03	18,14	0,20
02-02-2021	12:18:00	265,93	79,69	17,72	0,20
02-02-2021	12:19:00	269,87	79,85	17,52	0,21
02-02-2021	12:20:00	273,05	79,83	17,63	0,21
02-02-2021	12:21:00	273,39	79,76	17,20	0,21
02-02-2021	12:22:00	271,92	79,76	16,92	0,20
02-02-2021	12:23:00	270,63	79,89	17,04	0,20
02-02-2021	12:24:00	275,45	79,59	17,19	0,21
02-02-2021	12:25:00	280,41	79,67	16,96	0,21
02-02-2021	12:26:00	282,71	79,61	17,06	0,21
02-02-2021	12:27:00	271,98	79,93	17,07	0,20
02-02-2021	12:28:00	271,41	79,97	17,18	0,20
02-02-2021	12:29:00	271,03	80,05	17,12	0,20
02-02-2021	12:30:00	276,90	79,73	16,93	0,20
02-02-2021	12:31:00	275,85	79,72	17,06	0,21
02-02-2021	12:32:00	280,67	79,72	16,59	0,20
02-02-2021	12:33:00	281,46	79,58	16,80	0,21
02-02-2021	12:34:00	274,70	79,87	16,99	0,21
02-02-2021	12:35:00	276,82	79,80	17,01	0,20
02-02-2021	12:36:00	274,65	79,83	17,25	0,21
02-02-2021	12:37:00	273,92	79,84	17,40	0,20
02-02-2021	12:38:00	274,60	79,82	17,13	0,21
02-02-2021	12:39:00	271,72	79,85	17,22	0,21
02-02-2021	12:40:00	273,58	79,91	17,28	0,20
02-02-2021	12:41:00	274,65	79,71	16,90	0,20
02-02-2021	12:42:00	271,68	79,84	16,78	0,20
02-02-2021	12:43:00	273,95	80,10	16,85	0,21
02-02-2021	12:44:00	269,27	80,03	16,91	0,20
02-02-2021	12:45:00	277,37	79,76	17,10	0,21
02-02-2021	12:46:00	279,21	79,70	16,96	0,21
02-02-2021	12:47:00	274,62	79,88	16,98	0,20
02-02-2021	12:48:00	285,58	80,06	17,07	0,21
02-02-2021	12:49:00	276,96	79,98	16,88	0,21
02-02-2021	12:50:00	277,12	79,83	17,06	0,21
02-02-2021	12:51:00	275,72	79,87	17,06	0,21
02-02-2021	12:52:00	280,52	80,17	17,20	0,20
02-02-2021	12:53:00	279,43	80,00	17,16	0,20
02-02-2021	12:54:00	275,96	80,04	17,12	0,20
02-02-2021	12:55:00	275,42	80,05	17,23	0,20
02-02-2021	12:56:00	276,60	80,05	17,27	0,20
02-02-2021	12:57:00	273,32	80,17	17,07	0,21
02-02-2021	12:58:00	276,13	79,98	17,12	0,20
02-02-2021	12:59:00	280,82	79,72	17,54	0,21
02-02-2021	13:00:00	275,52	80,18	17,73	0,21

EMISIONES 255MW



	CO (mg/Nm ³)	NOx (mg/Nm ³)	SO ₂ (mg/Nm ³)	MP (mg/Nm ³)	
PROMEDIO	201,68	87,00	18,35	0,20	
DESV EST	2,09	0,69	0,32	0,00	
%DESV EST	1,03%	0,80%	1,73%	1,49%	
DATOS	31	31	31	31	
Duración	0:30:00				
Fecha	Hora	CO (mg/Nm ³)	NOx (mg/Nm ³)	SO ₂ (mg/Nm ³)	MP (mg/Nm ³)
02-02-2021	15:30:00	203,55	87,88	18,63	0,21
02-02-2021	15:31:00	202,95	87,87	18,73	0,20
02-02-2021	15:32:00	199,90	87,72	18,59	0,21
02-02-2021	15:33:00	200,92	87,53	18,60	0,21
02-02-2021	15:34:00	201,47	87,60	18,67	0,20
02-02-2021	15:35:00	199,97	87,80	18,65	0,20
02-02-2021	15:36:00	201,91	87,56	18,59	0,20
02-02-2021	15:37:00	198,48	87,68	18,66	0,21
02-02-2021	15:38:00	200,20	87,94	18,75	0,20
02-02-2021	15:39:00	205,07	87,44	18,69	0,21
02-02-2021	15:40:00	199,44	87,65	18,62	0,20
02-02-2021	15:41:00	199,35	87,47	18,63	0,20
02-02-2021	15:42:00	200,18	87,16	18,74	0,21
02-02-2021	15:43:00	199,51	87,16	18,29	0,20
02-02-2021	15:44:00	199,58	87,26	18,02	0,21
02-02-2021	15:45:00	199,84	87,13	18,04	0,21
02-02-2021	15:46:00	197,69	87,37	18,14	0,21
02-02-2021	15:47:00	199,01	86,99	18,06	0,20
02-02-2021	15:48:00	201,76	86,95	18,47	0,20
02-02-2021	15:49:00	201,79	86,96	18,66	0,20
02-02-2021	15:50:00	203,32	86,38	18,29	0,21
02-02-2021	15:51:00	202,99	86,46	18,47	0,20
02-02-2021	15:52:00	204,03	86,08	18,02	0,21
02-02-2021	15:53:00	204,30	86,58	18,17	0,20
02-02-2021	15:54:00	203,44	86,14	18,13	0,21
02-02-2021	15:55:00	205,43	86,04	17,91	0,20
02-02-2021	15:56:00	202,26	86,12	17,94	0,20
02-02-2021	15:57:00	203,97	86,24	18,10	0,20
02-02-2021	15:58:00	203,35	85,95	17,94	0,20
02-02-2021	15:59:00	202,96	85,95	17,77	0,20
02-02-2021	16:00:00	203,28	85,82	17,92	0,20

EMISIONES 225MW



	CO (mg/Nm³)	NOx (mg/Nm³)	SO ₂ (mg/Nm³)	MP (mg/Nm³)
PROMEDIO	279,57	82,74	16,29	0,18
DESV EST	30,50	1,09	0,61	0,01
%DESV EST	10,91%	1,32%	3,75%	3,21%
DATOS	61	61	61	61

Duración		1:00:00			
Fecha	Hora	CO (mg/Nm³)	NOx (mg/Nm³)	SO ₂ (mg/Nm³)	MP (mg/Nm³)
02-02-2021	16:30:00	198,95	85,21	17,88	0,20
02-02-2021	16:31:00	200,32	85,18	17,93	0,19
02-02-2021	16:32:00	201,83	85,44	18,02	0,20
02-02-2021	16:33:00	203,84	85,43	17,85	0,19
02-02-2021	16:34:00	205,83	85,12	17,97	0,19
02-02-2021	16:35:00	203,56	85,08	17,79	0,19
02-02-2021	16:36:00	208,98	85,89	17,15	0,19
02-02-2021	16:37:00	269,84	83,72	16,49	0,18
02-02-2021	16:38:00	332,77	81,25	15,85	0,18
02-02-2021	16:39:00	332,78	80,83	15,58	0,18
02-02-2021	16:40:00	332,59	80,91	15,65	0,17
02-02-2021	16:41:00	320,84	81,08	15,64	0,17
02-02-2021	16:42:00	313,48	81,55	15,73	0,18
02-02-2021	16:43:00	310,04	81,25	16,05	0,19
02-02-2021	16:44:00	300,59	81,64	15,94	0,18
02-02-2021	16:45:00	289,94	81,93	15,89	0,18
02-02-2021	16:46:00	284,30	82,38	15,97	0,18
02-02-2021	16:47:00	284,84	82,39	15,85	0,18
02-02-2021	16:48:00	288,69	82,26	15,76	0,18
02-02-2021	16:49:00	284,75	82,60	15,92	0,17
02-02-2021	16:50:00	283,18	82,92	15,87	0,18
02-02-2021	16:51:00	284,20	82,95	15,81	0,18
02-02-2021	16:52:00	283,92	82,93	16,13	0,18
02-02-2021	16:53:00	284,89	82,82	15,97	0,18
02-02-2021	16:54:00	282,95	82,93	16,07	0,18
02-02-2021	16:55:00	282,31	82,66	16,16	0,18
02-02-2021	16:56:00	283,19	82,66	15,99	0,18
02-02-2021	16:57:00	282,15	82,82	15,92	0,17
02-02-2021	16:58:00	281,09	82,91	16,35	0,18
02-02-2021	16:59:00	280,13	82,88	16,43	0,18
02-02-2021	17:00:00	278,50	82,59	16,35	0,18
02-02-2021	17:01:00	283,74	82,71	16,06	0,17
02-02-2021	17:02:00	282,45	82,60	16,35	0,17
02-02-2021	17:03:00	278,47	83,07	16,60	0,19
02-02-2021	17:04:00	278,41	83,03	16,55	0,18
02-02-2021	17:05:00	278,73	82,73	16,41	0,18
02-02-2021	17:06:00	282,19	82,64	16,52	0,18
02-02-2021	17:07:00	283,50	82,49	16,50	0,18
02-02-2021	17:08:00	280,38	83,06	16,46	0,18
02-02-2021	17:09:00	281,52	82,83	15,94	0,18
02-02-2021	17:10:00	281,24	82,97	16,15	0,18
02-02-2021	17:11:00	280,86	82,79	16,10	0,18
02-02-2021	17:12:00	282,29	82,71	16,08	0,18
02-02-2021	17:13:00	283,63	82,41	16,38	0,18
02-02-2021	17:14:00	285,38	82,58	16,49	0,18
02-02-2021	17:15:00	287,36	82,48	16,62	0,18
02-02-2021	17:16:00	286,87	82,31	16,51	0,18
02-02-2021	17:17:00	290,51	82,36	16,38	0,18
02-02-2021	17:18:00	287,95	82,01	16,07	0,18
02-02-2021	17:19:00	287,37	82,31	15,96	0,18
02-02-2021	17:20:00	286,72	82,36	15,85	0,18
02-02-2021	17:21:00	289,51	82,35	15,86	0,18
02-02-2021	17:22:00	289,00	82,26	15,97	0,18
02-02-2021	17:23:00	288,07	82,15	15,91	0,18
02-02-2021	17:24:00	287,73	82,20	15,91	0,18
02-02-2021	17:25:00	290,52	82,29	15,93	0,18
02-02-2021	17:26:00	292,91	82,23	15,81	0,18
02-02-2021	17:27:00	293,59	82,06	16,12	0,18
02-02-2021	17:28:00	292,41	82,03	16,05	0,18
02-02-2021	17:29:00	292,12	82,25	16,13	0,18
02-02-2021	17:30:00	293,02	82,59	16,34	0,18

EMISIONES 195MW



		CO (mg/Nm ³)	NOx (mg/Nm ³)	SO ₂ (mg/Nm ³)	MP (mg/Nm ³)
PROMEDIO		1131,84	50,55	12,81	0,18
DESV EST		1.316,47	32,54	5,52	0,04
%DESV EST		116,31%	64,38%	43,11%	20,60%
DATOS		61	61	61	61
Duración	1:00:00				
Fecha	Hora	CO (mg/Nm ³)	NOx (mg/Nm ³)	SO ₂ (mg/Nm ³)	MP (mg/Nm ³)
02-02-2021	18:00:00	304,96	82,50	15,91	0,19
02-02-2021	18:01:00	305,08	82,57	15,92	0,19
02-02-2021	18:02:00	305,68	82,33	16,04	0,19
02-02-2021	18:03:00	306,55	82,14	16,07	0,19
02-02-2021	18:04:00	303,55	82,21	16,03	0,19
02-02-2021	18:05:00	303,90	82,16	15,94	0,19
02-02-2021	18:06:00	302,22	82,07	15,93	0,19
02-02-2021	18:07:00	303,44	82,18	16,00	0,19
02-02-2021	18:08:00	301,03	82,51	15,96	0,19
02-02-2021	18:09:00	303,48	82,27	16,03	0,19
02-02-2021	18:10:00	303,10	82,09	15,86	0,19
02-02-2021	18:11:00	303,98	82,28	15,92	0,19
02-02-2021	18:12:00	305,63	82,07	16,03	0,19
02-02-2021	18:13:00	304,60	82,13	16,09	0,19
02-02-2021	18:14:00	305,32	82,16	16,62	0,19
02-02-2021	18:15:00	312,29	81,99	16,55	0,19
02-02-2021	18:16:00	414,80	79,65	15,84	0,18
02-02-2021	18:17:00	668,01	71,53	13,70	0,19
02-02-2021	18:18:00	924,08	66,12	11,91	0,18
02-02-2021	18:19:00	918,45	65,21	11,42	0,18
02-02-2021	18:20:00	875,82	65,93	11,29	0,19
02-02-2021	18:21:00	1032,11	65,26	11,56	0,18
02-02-2021	18:22:00	1837,19	60,99	10,60	0,19
02-02-2021	18:23:00	2669,47	56,97	9,13	0,19
02-02-2021	18:24:00	2188,33	57,31	8,68	0,18
02-02-2021	18:25:00	1705,82	59,39	9,03	0,19
02-02-2021	18:26:00	1410,75	60,91	9,46	0,19
02-02-2021	18:27:00	1222,86	62,88	10,06	0,18
02-02-2021	18:28:00	1524,32	61,91	10,03	0,18
02-02-2021	18:29:00	2343,54	58,48	9,27	0,19
02-02-2021	18:30:00	3571,07	55,21	8,73	0,19
02-02-2021	18:31:00	4679,15	53,00	8,44	0,19
02-02-2021	18:32:00	4730,52	52,57	8,62	0,19
02-02-2021	18:33:00	4095,75	52,93	8,37	0,19
02-02-2021	18:34:00	3341,46	54,77	8,51	0,18
02-02-2021	18:35:00	2700,93	56,14	8,66	0,19
02-02-2021	18:36:00	2266,56	57,67	8,72	0,18
02-02-2021	18:37:00	1825,00	59,27	9,05	0,19
02-02-2021	18:38:00	1468,26	61,15	9,55	0,19
02-02-2021	18:39:00	1257,86	62,74	9,87	0,18
02-02-2021	18:40:00	1041,58	64,50	10,49	0,19
02-02-2021	18:41:00	897,06	66,47	11,13	0,18
02-02-2021	18:42:00	764,43	68,33	12,04	0,18
02-02-2021	18:43:00	711,90	70,33	12,55	0,40
02-02-2021	18:44:00	5490,12	57,87	14,56	0,25
02-02-2021	18:45:00	2937,80	10,93	35,15	0,16
02-02-2021	18:46:00	695,57	-0,19	37,59	0,15
02-02-2021	18:47:00	245,89	-1,51	22,33	0,15
02-02-2021	18:48:00	190,58	-1,57	15,76	0,15
02-02-2021	18:49:00	158,12	-1,90	13,21	0,15
02-02-2021	18:50:00	148,47	-1,99	11,51	0,15
02-02-2021	18:51:00	130,19	-1,91	10,26	0,14
02-02-2021	18:52:00	130,73	-2,01	9,63	0,14
02-02-2021	18:53:00	130,28	-2,30	9,36	0,13
02-02-2021	18:54:00	133,77	-2,04	9,19	0,13
02-02-2021	18:55:00	133,55	-2,19	9,10	0,13
02-02-2021	18:56:00	123,31	-2,15	8,98	0,13
02-02-2021	18:57:00	120,41	-2,17	8,43	0,13
02-02-2021	18:58:00	109,85	-2,32	7,97	0,13
02-02-2021	18:59:00	106,49	-2,18	7,63	0,13
02-02-2021	19:00:00	95,48	-2,40	7,22	0,14



A – 5 Esquemas de Mediciones Principales

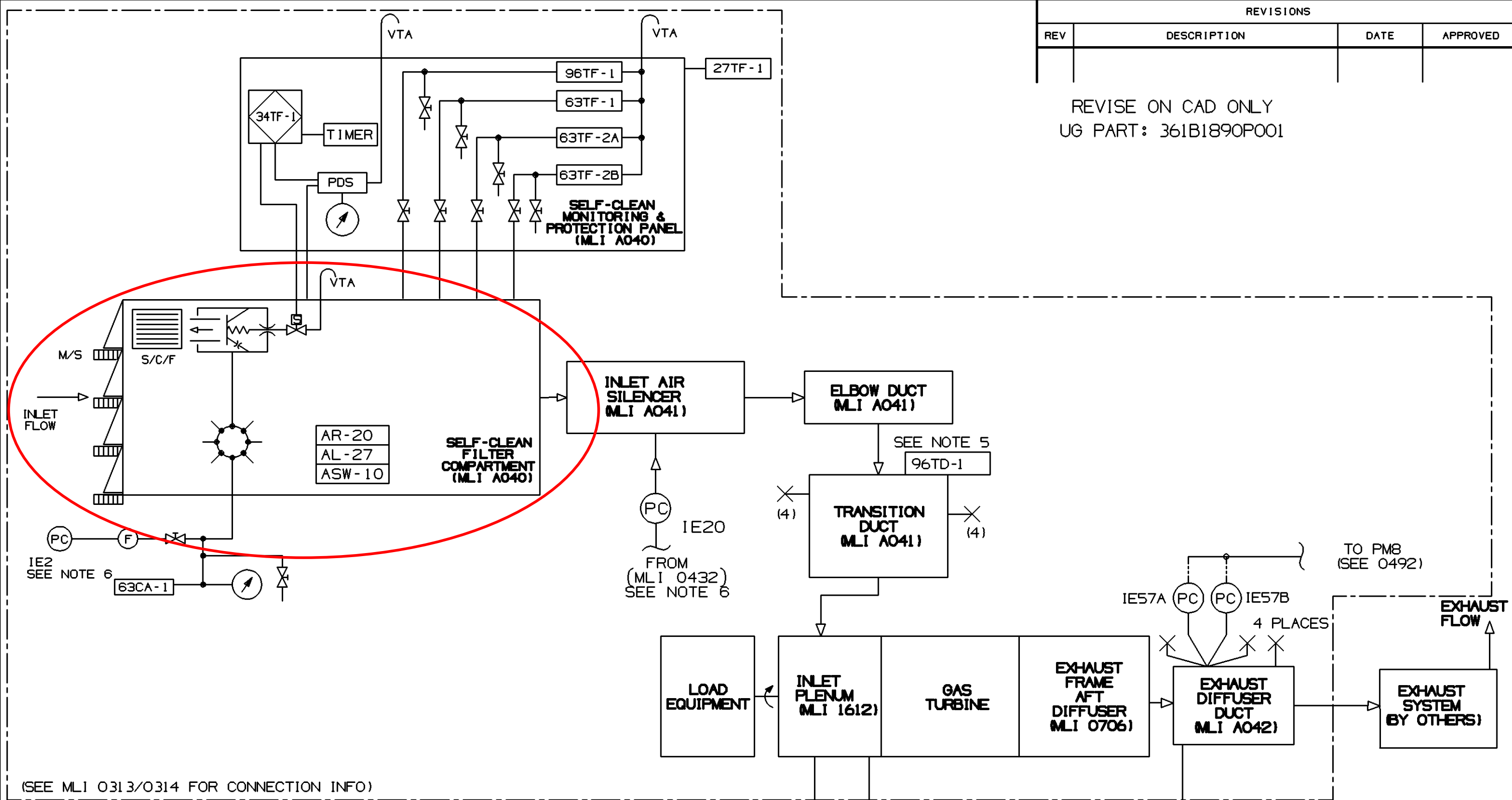
OPERACIÓN y MANTENIMIENTO INDUSTRIAL

Flujo Energía Limitada

Nueva York 53 Oficina 61 - Santiago

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

REVISE ON CAD ONLY
UG PART: 361B1890P001

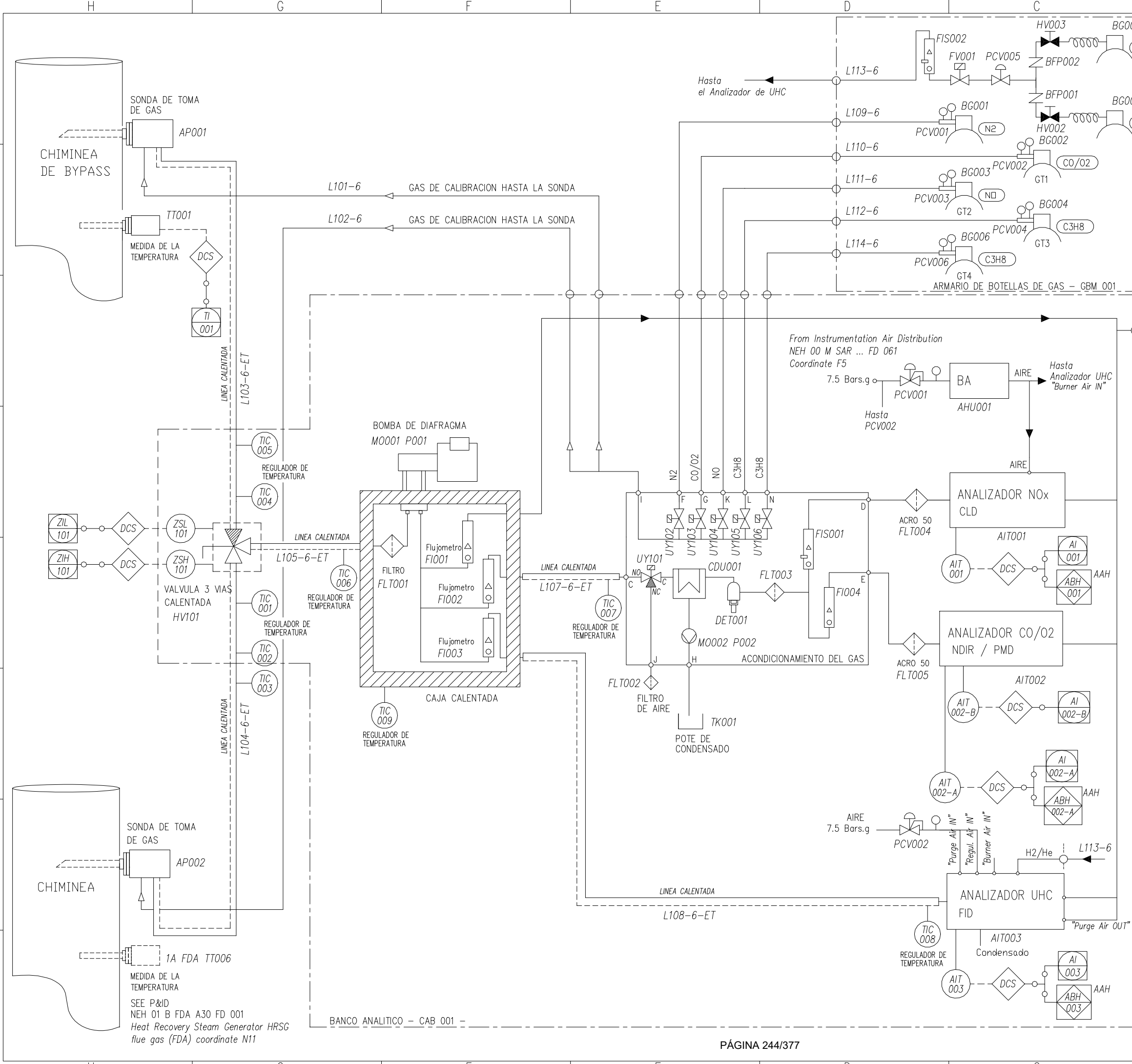


(SEE MLI 0313/0314 FOR CONNECTION INFO)

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GENERAL ELECTRIC COMPANY GE Power Generation GAS TURBINE Schenectady, NY	SIZE	CAGE CODE	DWG NO
	B		361B1890
DRAWN DEXTER A. YOUNG 01-09-28 ISSUED DEXTER A. YOUNG 01-09-28	SCALE NONE	SHEET 2	DISTR TO

GR0744



Nota : Todos los numeros de los componentes se preceden con 1A FGM

REV	DATE	AUTH.	CHECK BY	APPR. BY	MODIFICATIONS	STATUS
E	16/05/03	YRO	JVE	LBO	MODIFICATION ON H2/He LINE	ASB
D	25/11/02	YRO	JVE	LBO	AS BUILT - SPANISH TRANSLATION	ASB
C	16/10/02	YRO	JVE	LBO	REVISED PER CUSTOMER COMMENTS	FUS
B	30/08/02	YRO	JVE	LBO	REVISED PER CUSTOMER COMMENTS	FUS
A	09/08/02	YRO	JVE	LBO	FIRST ISSUE	PRE

SCALE: 1:...	SUPPLIER NAME: M&C France Techniques d'analyse	Nr:
SIZE: A3		SPECIFICATION No: G 65

COLBUN

CONTRATO ANF2-C502 AMPLIACIÓN NEHUENCO FASE 2 CHILE

ALSTOM STEAM POWER PLANTS SEGMENT
POWER PLANT BUSINESS

P&ID WITH LIMIT OF SUPPLY

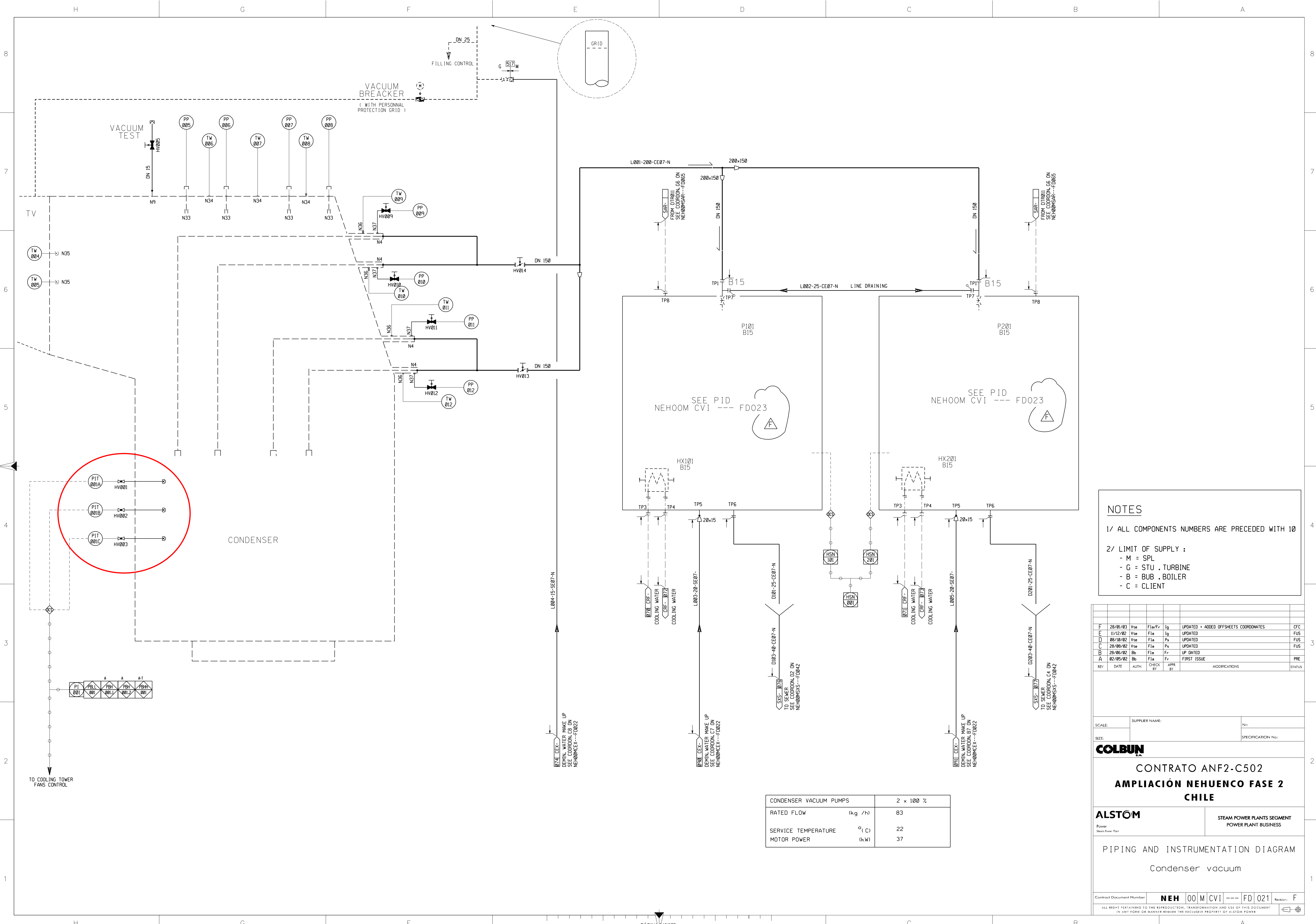
CONTINUOUS EMISSIONS MEASUREMENT SYSTEM (CEMS)

Contract Document Number	00 M FGM G65 FD 071	Revision: E
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SEE P&ID
NEH 01 B FDA A30 FD 001
Heat Recovery Steam Generator HRSG
flue gas (FDA) coordinate N11

BANCO ANALITICO - CAB 001 -



NOTES

1/ ALL COMPONENTS NUMBERS ARE PRECEDED WITH 10

2/ LIMIT OF SUPPLY :

- M = SPL
- G = STU . TURBINE
- B = BUB . BOILER
- C = CLIENT

REV	DATE	AUTH	CHECK BY	APPR BY	MODIFICATIONS	STATUS
F	28/01/03	Vta	Fla/Fr	Ig	UPDATED + ADDED OFFSHEETS COORDINATES	CFC
C	11/12/02	Vta	Fla	Ig	UPDATED	FUS
D	08/10/02	Vta	Fla	Pa	UPDATED	FUS
C	28/08/02	Vta	Fla	Pa	UPDATED	FUS
D	28/06/02	Bb	Fla	Fr	UP DATED	PRE
A	02/05/02	Bb	Fla	Fr	FIRST ISSUE	PRE

SCALE: _____ SUPPLIER NAME: _____ N°: _____

SIZE: _____ SPECIFICATION No: _____

COLBUN

CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2 CHILE

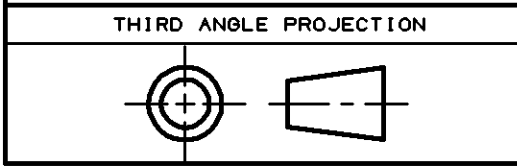
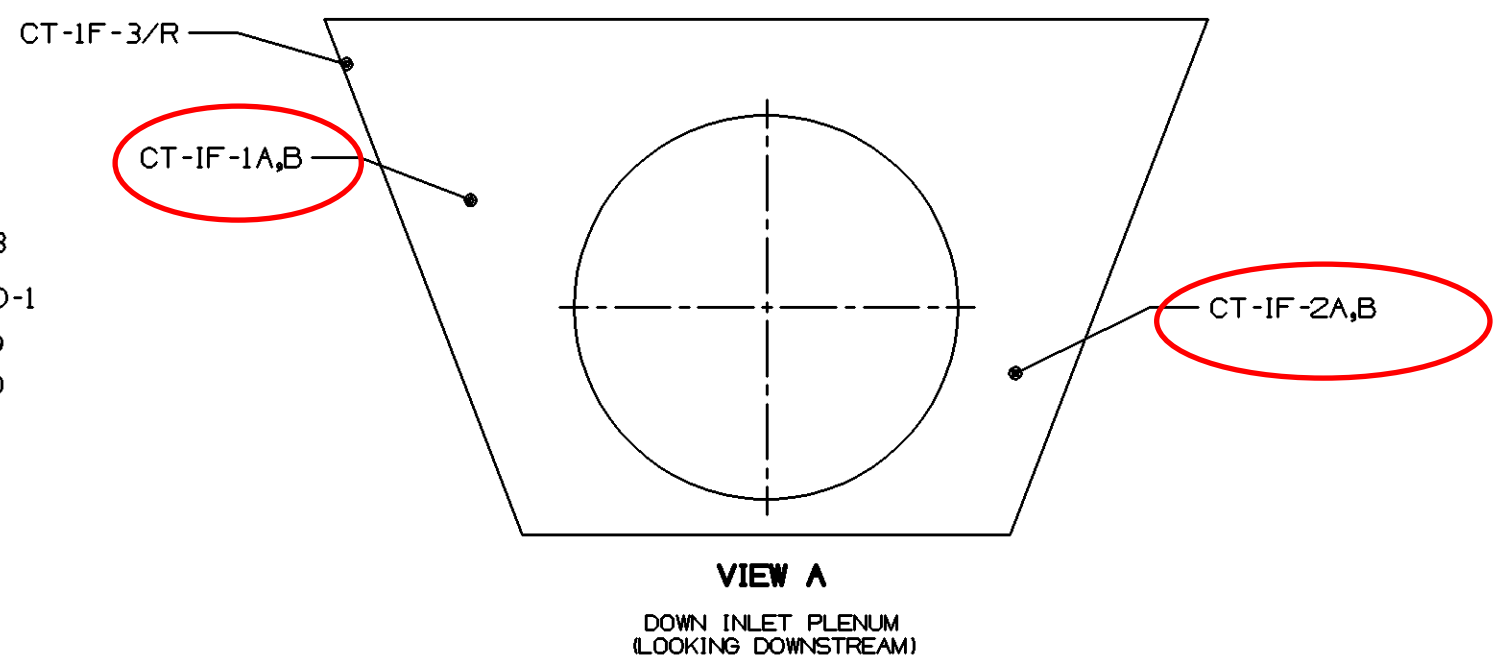
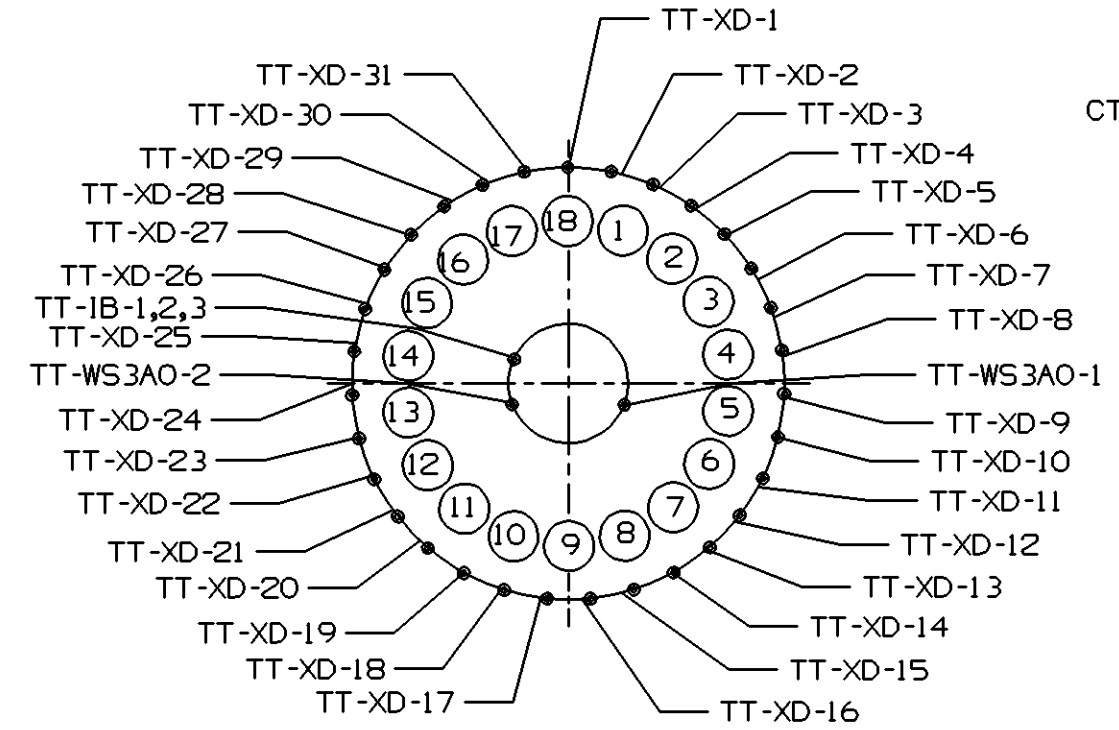
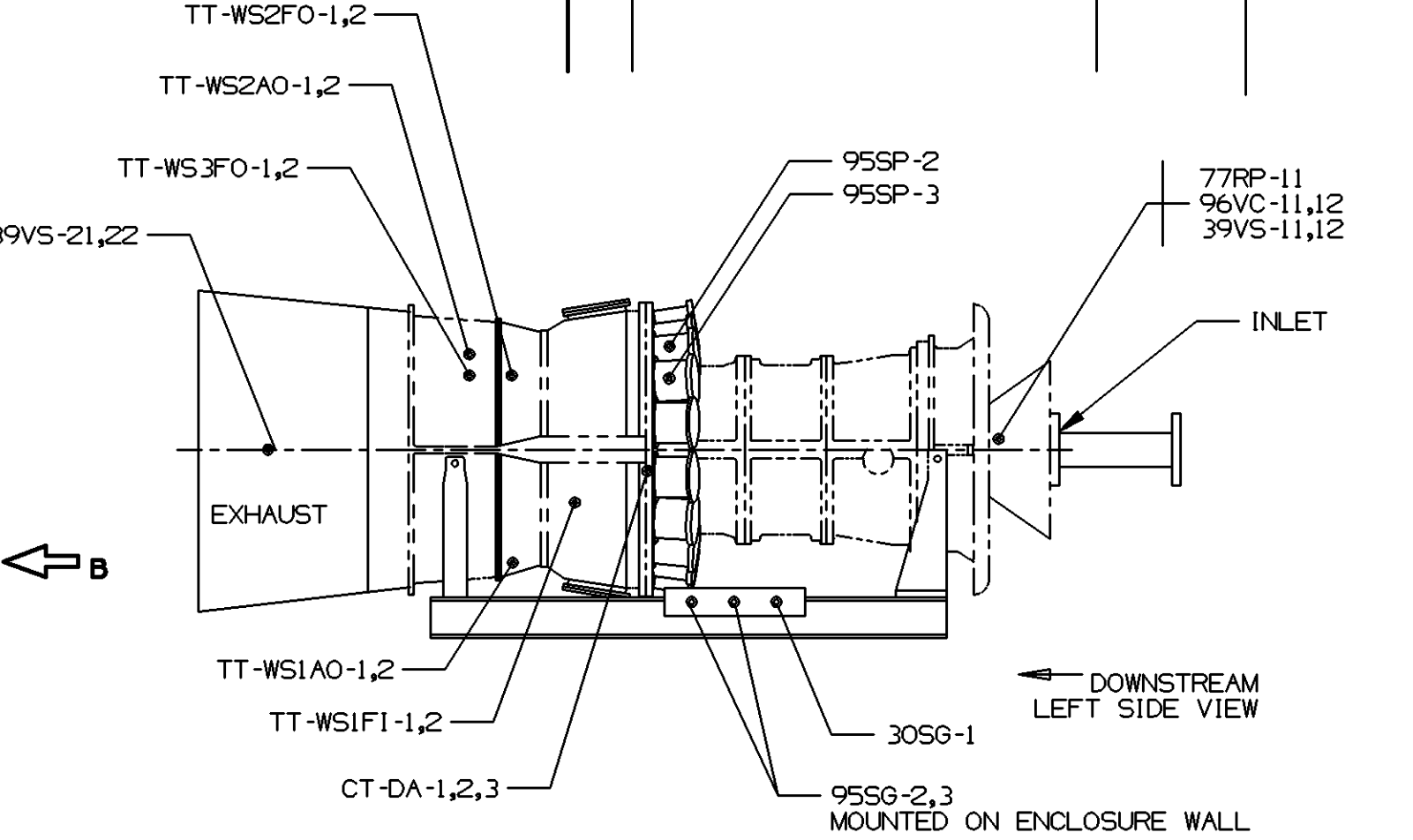
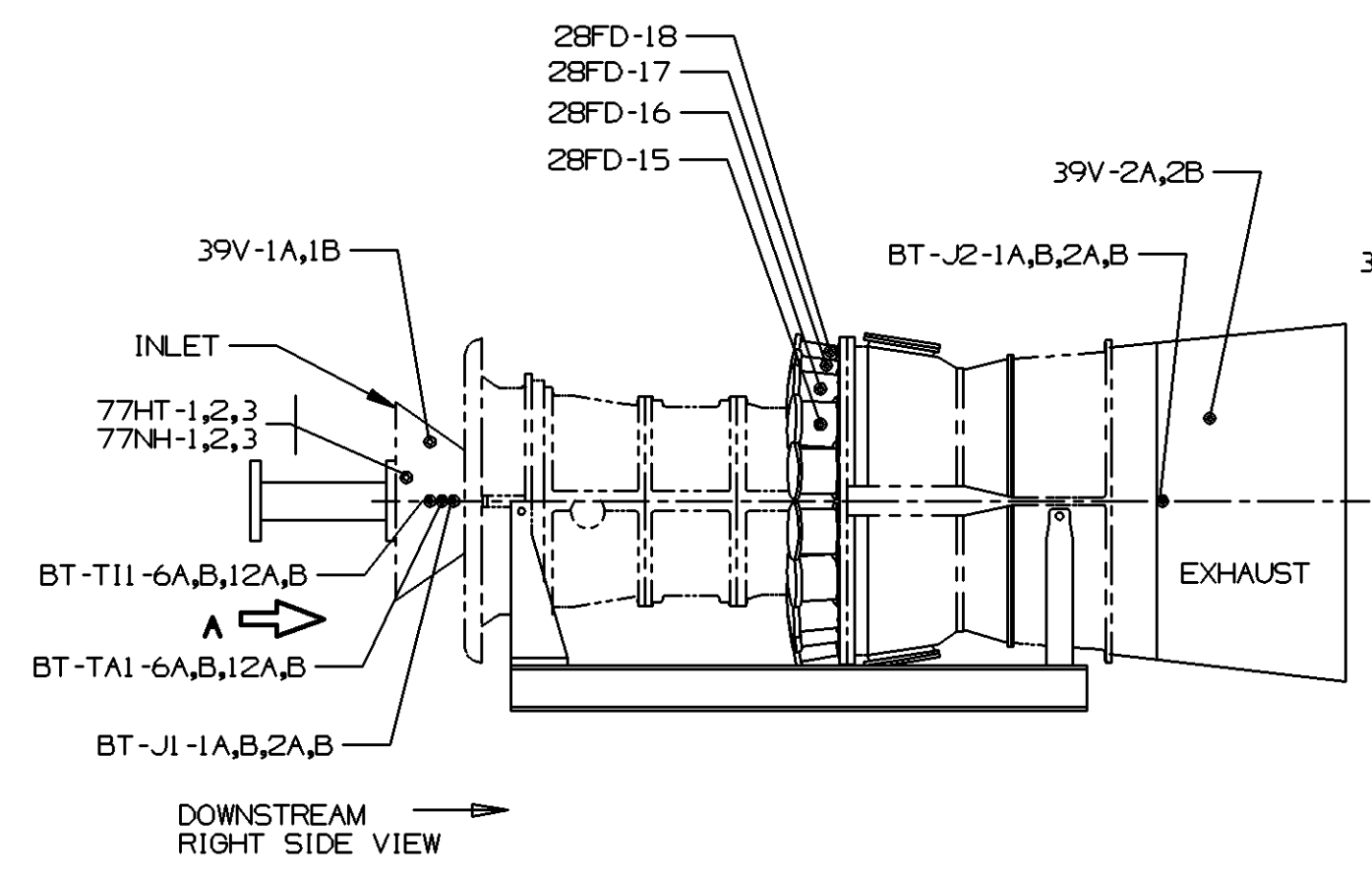
ALSTOM Power Steam Power Plant

STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
 Condenser vacuum

CONDENSER VACUUM PUMPS		2 x 100 %
RATED FLOW	(kg /h)	83
SERVICE TEMPERATURE	°(C)	22
MOTOR POWER	(kW)	37

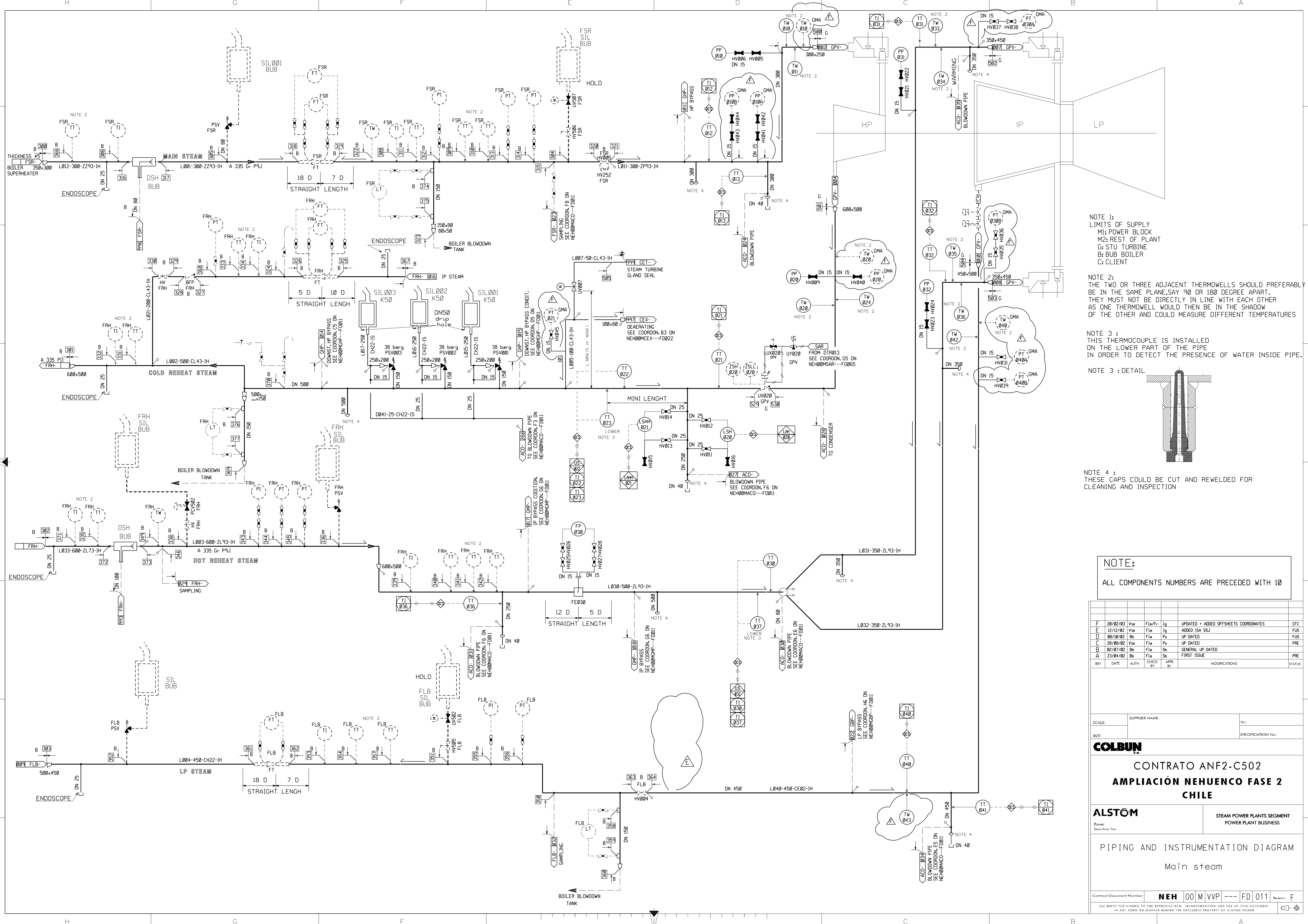
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



VIEW B
AFT DIFFUSER
(LOOKING UPSTREAM)

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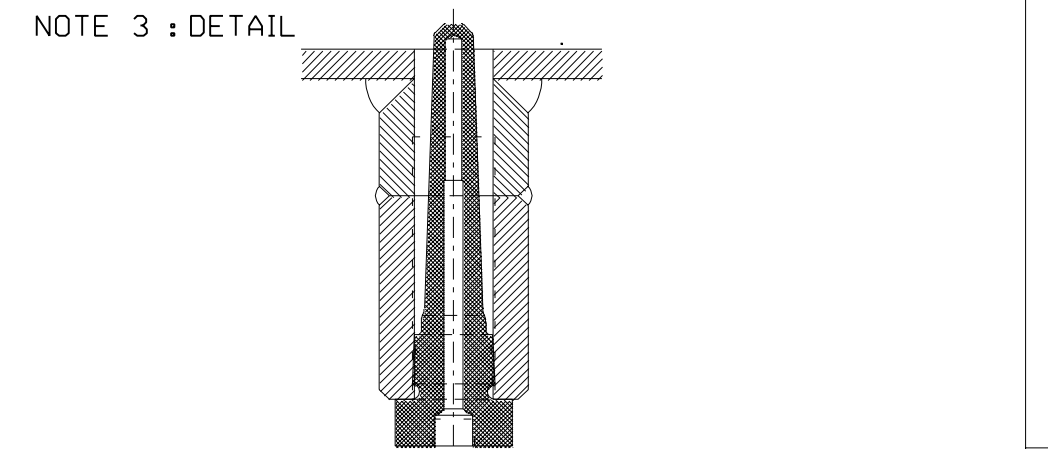
GENERAL ELECTRIC COMPANY GAS TURBINE Greenville, SC GE Power Generation	SIZE	CAGE CODE	DWG NO	GS9044
	B		353B1151	0415
DRAWN SVM(TATA) 97/12/10 ISSUED CAROLYN STANSELL 98-01-13	SCALE NONE	SHEET 2	DISTR TO	



NOTE 1:
 LIMITS OF SUPPLY
 M1: POWER BLOCK
 M2: REST OF PLANT
 G: STU TURBINE
 B: BUB BOILER
 C: CLIENT

NOTE 2:
 THE TWO OR THREE ADJACENT THERMOWELLS SHOULD PREFERABLY BE IN THE SAME PLANE, SAY 90 OR 180 DEGREE APART. THEY MUST NOT BE DIRECTLY IN LINE WITH EACH OTHER AS ONE THERMOWELL WOULD THEN BE IN THE SHADOW OF THE OTHER AND COULD MEASURE DIFFERENT TEMPERATURES

NOTE 3:
 THIS THERMOCOUPLE IS INSTALLED ON THE LOWER PART OF THE PIPE IN ORDER TO DETECT THE PRESENCE OF WATER INSIDE PIPE.



NOTE 4:
 THESE CAPS COULD BE CUT AND REWELDED FOR CLEANING AND INSPECTION

NOTE:
 ALL COMPONENTS NUMBERS ARE PRECEDED WITH 10

REV	DATE	AUTH.	CHECK BY	APP. BY	MODIFICATIONS	STATUS
F	28/02/03	Vte	Flo/Fv	Iq	UPDATED + ADDED OFFSHEETS COORDINATES	CFC
E	12/12/02	Vte	Flo	Iq	ADDED ISA 55J	FUS
D	08/10/02	Bb	Flo	Ps	UP DATED	FUS
C	28/08/02	Vte	Flo	Ps	UP DATED	PRE
B	02/07/02	Bb	Flo	Sb	GENERAL UP DATED	PRE
A	23/04/02	Bb	Flo	Sb	FIRST ISSUE	PRE

SCALE: _____ SUPPLIER NAME: _____ No: _____

SIZE: _____ SPECIFICATION No: _____

COLBUN

CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2
CHILE

ALSTOM STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
 Main steam

Contract Document Number: **NEH 00 M VVP --- FD 011** Revision: **F**

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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

NOTES:

1. SEE DEVICE SUMMARY (MLI 0414) FOR CONTROL DEVICE SETTINGS.
2. DEVICE LOCATIONS DEPICTED ON THE SCHEMATIC ARE FOR REFERENCE ONLY.

REVISE ON CAD ONLY
UG PART: 353B1151_0415.PRT

1	PIPING SYMBOLS	277A2415
IT.	NOMENCLATURE	IDENT
LIST OF COMPLEMENTARY DOCUMENTS		

—	—	REV	REV STATUS OF SHEETS
2	1	SH	

GS9044

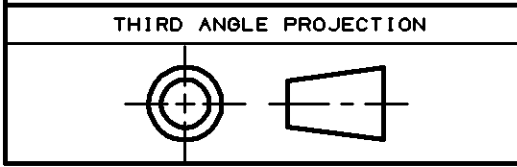
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UNLESS OTHERWISE SPECIFIED	SIGNATURES	DATE
DIMENSIONS ARE IN INCHES.	DRAWN SVM(TATA)	97/12/10
TOLERANCES ON:	CHECKED CYNDI L JONES	98-01-02
2 PL DECIMALS ± -	ENGRG MICHAEL HOWARD	98-01-02
3 PL DECIMALS ± -	ISSUED CAROLYN STANSELL	98-01-13
ANGLES ± - -	QUAL CONT ROBERT CALDWELL	98-01-06
FRACTIONS ± - ✓		

 *GE Power Generation* GENERAL ELECTRIC COMPANY
GAS TURBINE
Greenville, SC

DIAGRAM, CONT DEVICES-TURB
FIRST MADE FOR 9A1PFA1-5 0415

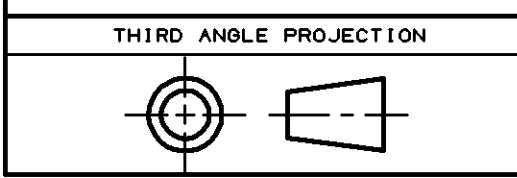
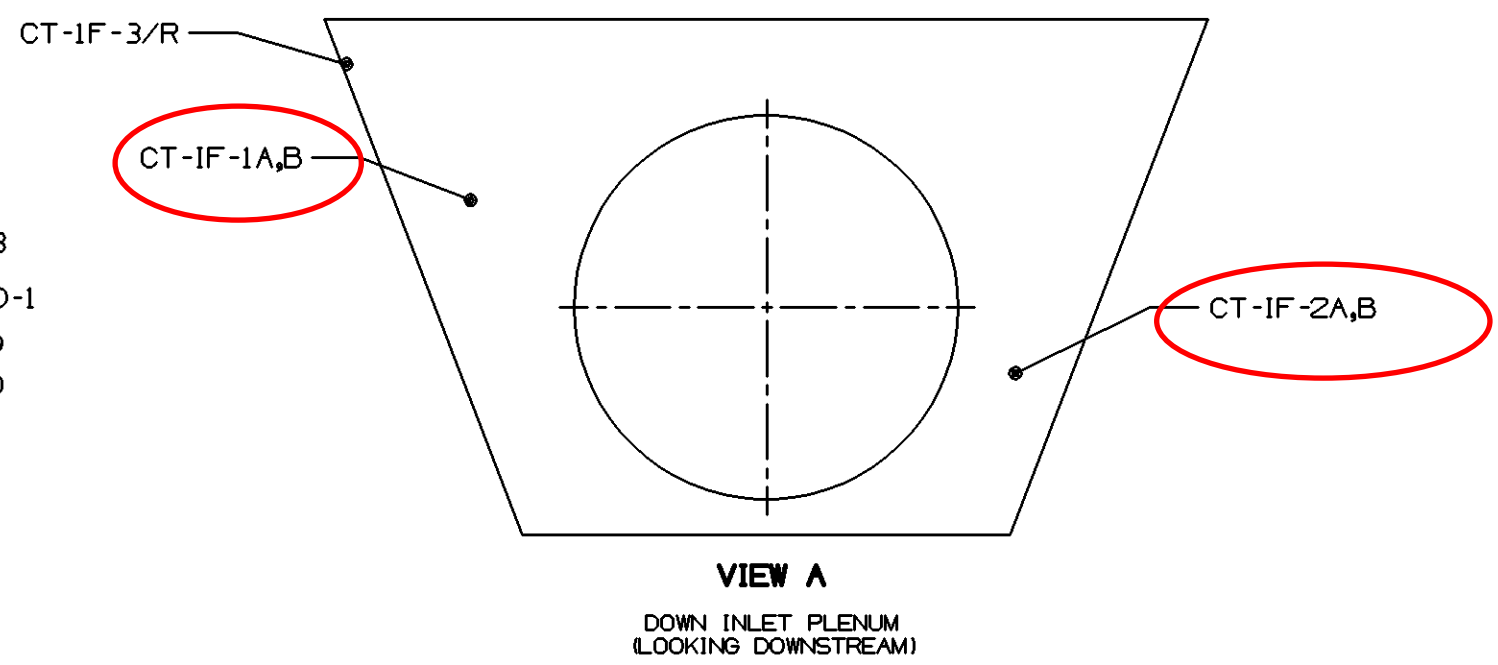
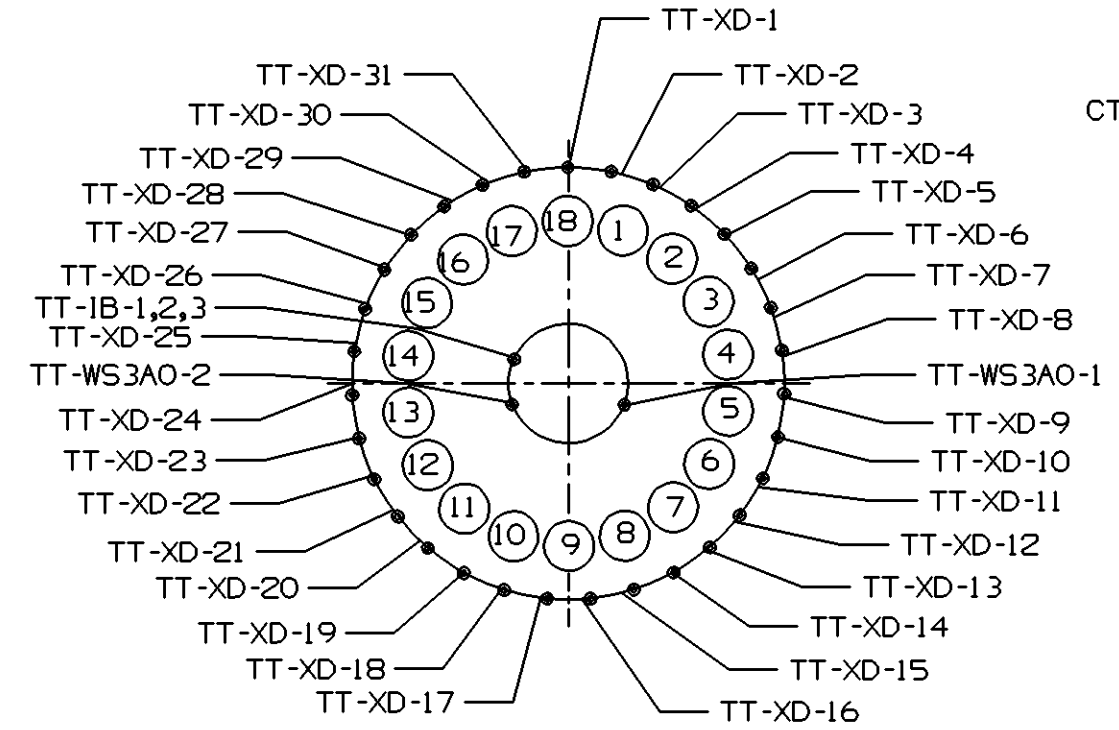
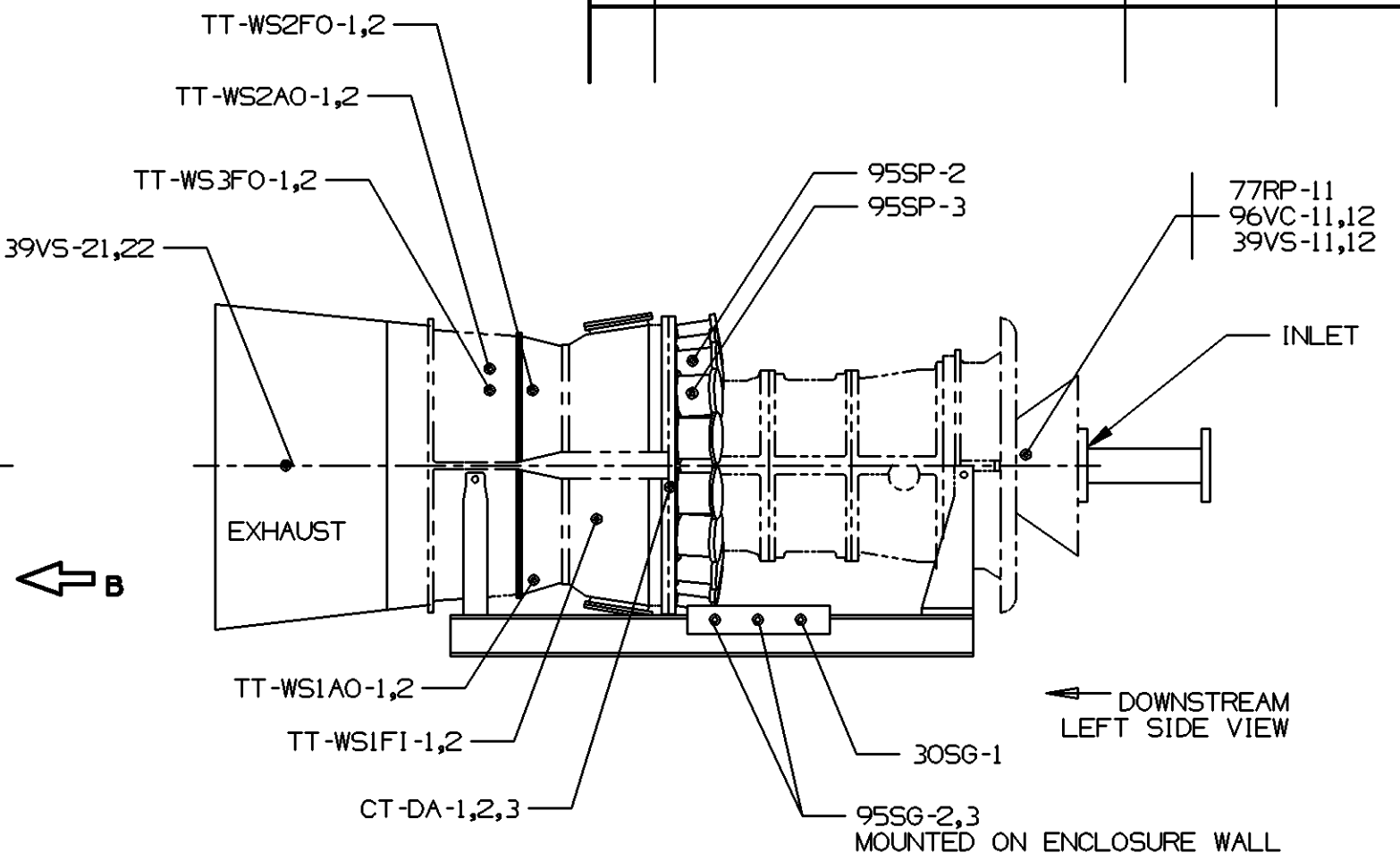
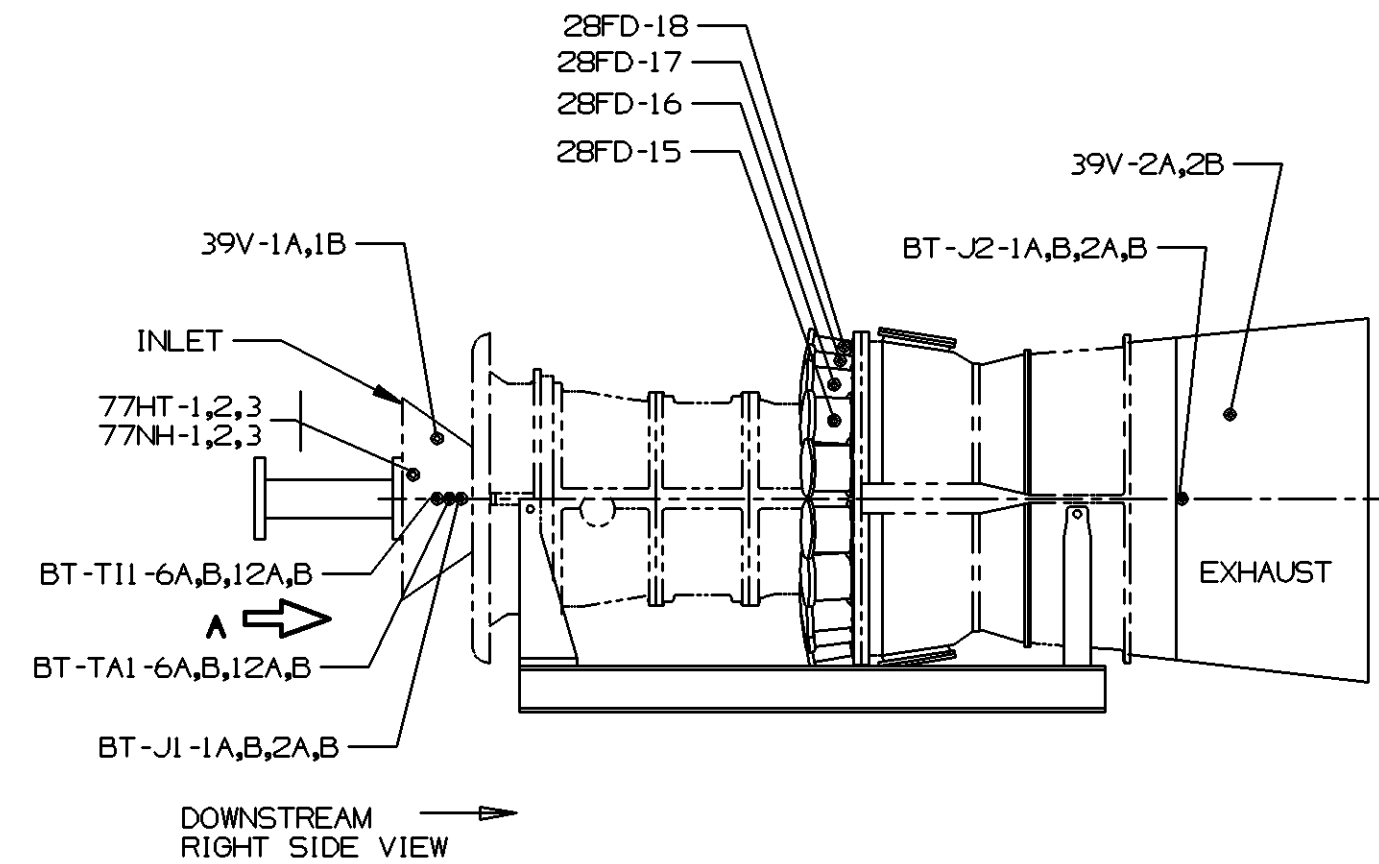
SIZE	CAGE CODE	DWG NO
B		353B1151
SIM TO:	332B5785	SCALE NONE
		SHEET 1



DT-1N

DISTR TO

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



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LOOKING UPSTREAM

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GENERAL ELECTRIC COMPANY GAS TURBINE Greenville, SC GE Power Generation	SIZE	CAGE CODE	DWG NO	GS9044 0415
	B		353B1151	
DRAWN SVM(TATA) 97/12/10 ISSUED CAROLYN STANSELL 98-01-13	SCALE NONE	SHEET 2	DISTR TO	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

NOTES:

1. SEE DEVICE SUMMARY (MLI 0414) FOR CONTROL DEVICE SETTINGS.
2. FA6-1 COMPRESSOR BLEED FILTER SHELL DRAIN VALVE NORMALLY CLOSED.
3. PROCESS AIR EXTRACTION FOR CUSTOMER USE.
4. AD-6, SEE FUEL PURGE (MLI 0477).
5. SEE INLET AIR HEATING (MLI 0432). THIS CONNECTION CAN BE LOCATED IN ANY OF THE FOUR COMPRESSOR BLEED PIPES DOWNSTREAM OF THE VA2 COMPRESSOR BLEED VALVE.
6. CUSTOMER TO APPLY HEAT TRACING TO ANY LINE THAT MAY ENCOUNTER CONDENSATE FREEZING.
7. TEMPORARY CONICAL "WITCH HAT" STRAINERS AND PRESSURE GAUGES USED FOR START UP AND MAINTENANCE. SEE MLI A179 FOR HARDWARE AND INSTRUCTIONS.
8. AD-3, SEE CONTROL AIR (MLI 0419).
9. ALL PLUG LOCATIONS ARE FOR ILLUSTRATIVE PURPOSES ONLY. TRUE LOCATIONS SHOULD BE DETERMINED FROM ASSOCIATED ARRANGEMENT DRAWINGS.
10. AD-5A, B, AND C, SEE FUEL GAS (MLI 0422) AND FUEL PURGE (MLI 0477).

REVISE ON CAD ONLY
 UG PART: GR0744-0417
 (SPEC: 357B2574)


1	PIPING SYMBOLS	277A2415
IT.	NOMENCLATURE	IDENT
LIST OF COMPLEMENTARY DOCUMENTS		

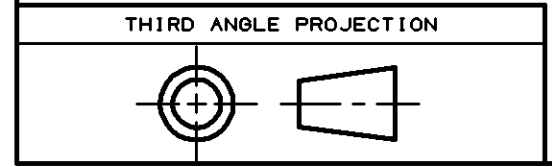
-	-	-	-	REV	REV STATUS OF SHEETS
4	3	2	1	SH	

GR0744

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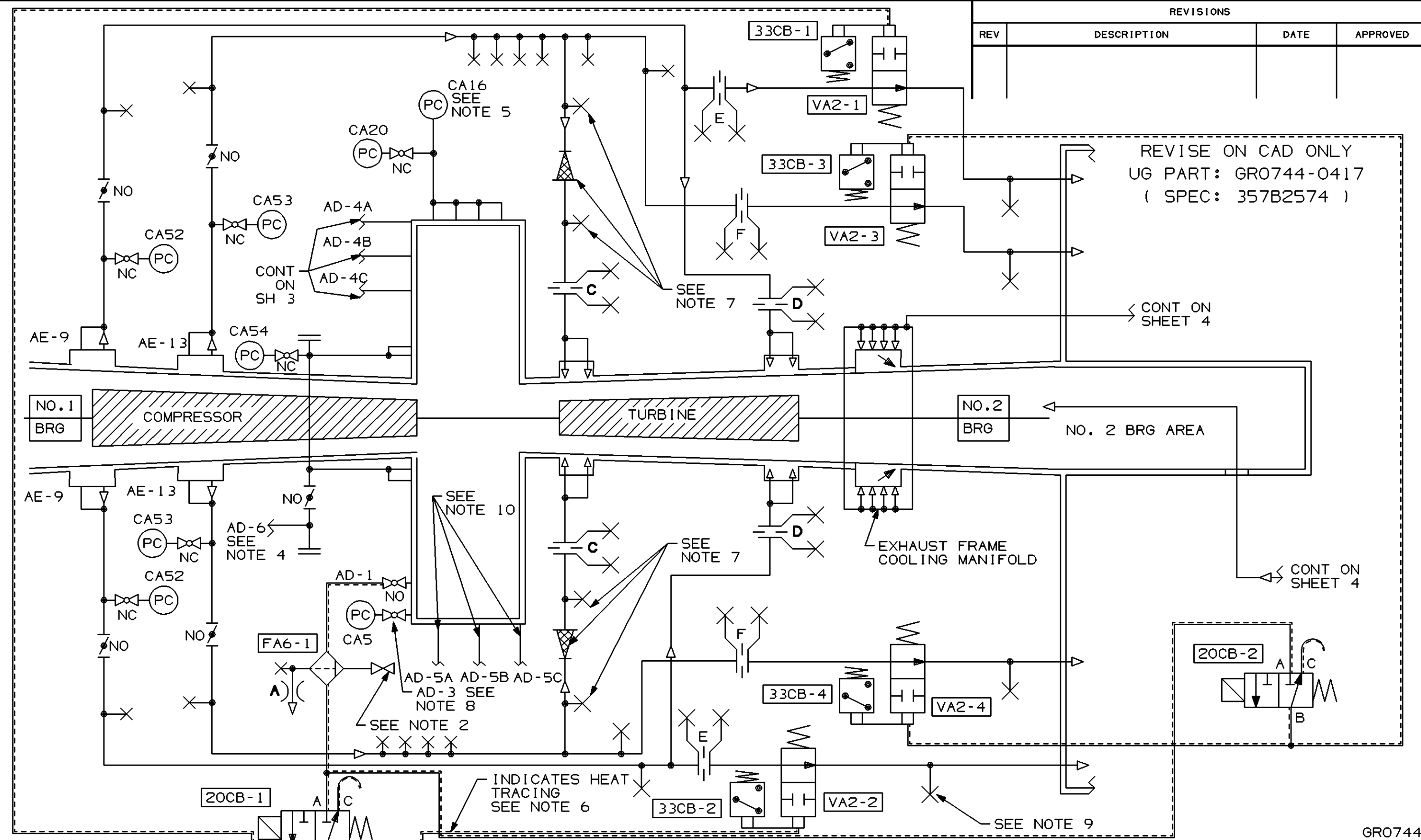
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UNLESS OTHERWISE SPECIFIED	SIGNATURES	DATE	 GE Power Generation GENERAL ELECTRIC COMPANY GAS TURBINE Greenville, SC
DIMENSIONS ARE IN INCHES.	DRAWN JL DAVIS	01-09-25	
TOLERANCES ON:	CHECKED JL DAVIS	01-09-25	
2 PL DECIMALS ±	ENGRG VP VANDELDE	01-09-25	
3 PL DECIMALS ±	ISSUED JL DAVIS	01-09-26	
ANGLES ±	QC DON ADAMS	01-09-25	DIAGRAM, SCH PP-CLG&SLG AIR
FRACTIONS ±			FIRST MADE FOR ML-9A1WFA43-1 0417
			SIZE CAGE CODE DWG NO
			B 357B2574
	SIM TO: 357B1540	SCALE NONE	CALC WT - LBS SHEET 1



DT-1N

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



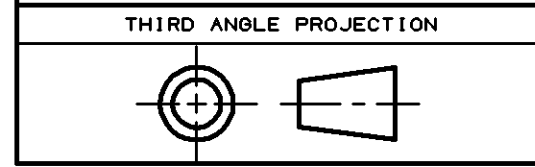
REVISE ON CAD ONLY
UG PART: GR0744-0417
(SPEC: 357B2574)

CONT ON SHEET 4

NO. 2 BRG AREA

CONT ON SHEET 4

SEE NOTE 9

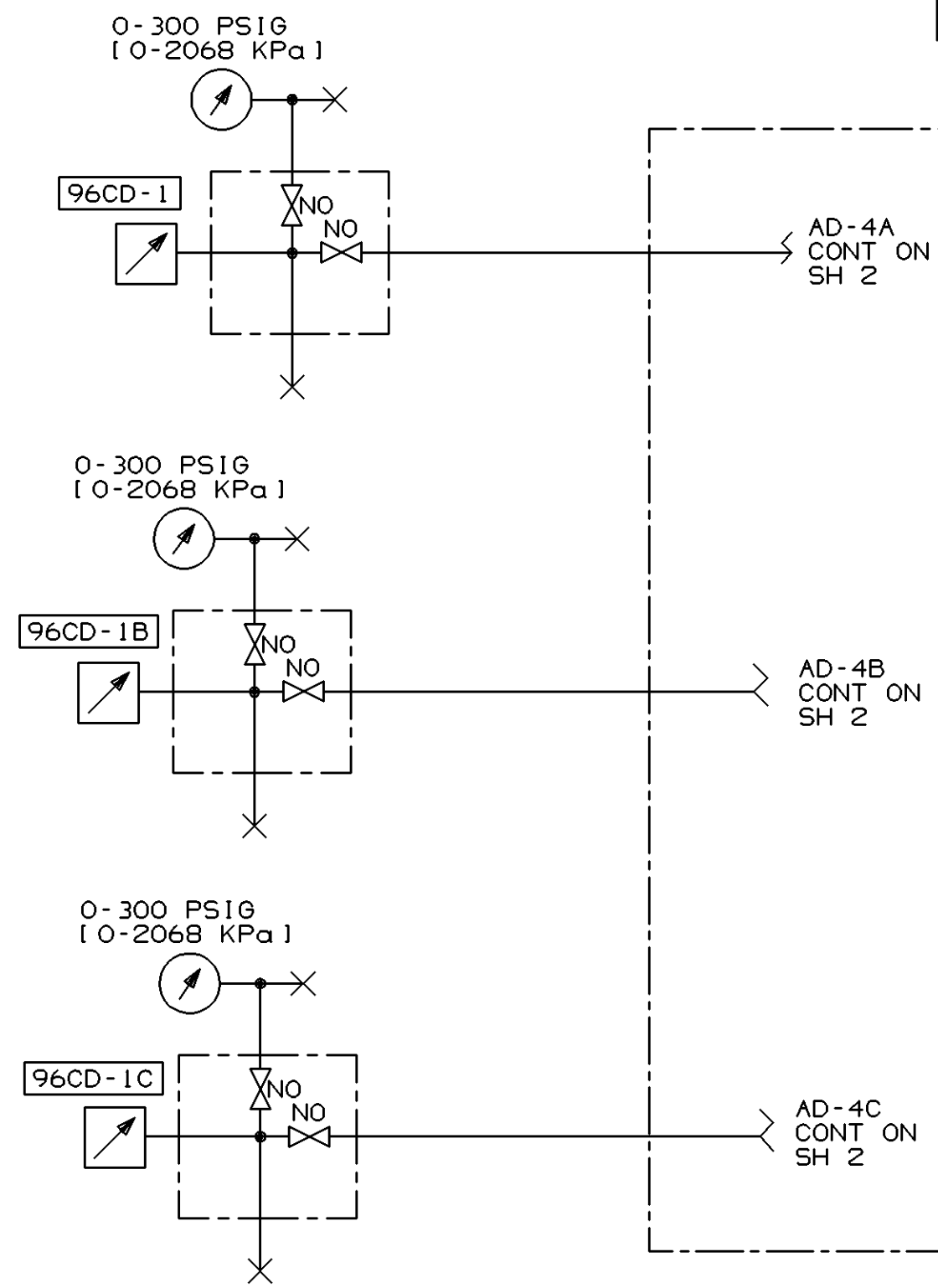


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GENERAL ELECTRIC COMPANY GAS TURBINE Greenville, SC		SIZE B	CAGE CODE	DWG NO 0417
DRAWN JL DAVIS	01-09-25	357B2574		
ISSUED JL DAVIS	01-09-26			
SCALE NONE	CALC WT - LBS	SHEET	2	

DISTR TO

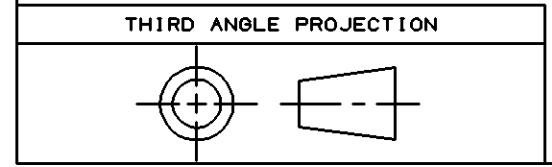
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



REVISE ON CAD ONLY
 UG PART: GRO744-0417
 (SPEC: 357B2574)

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GENERAL ELECTRIC COMPANY GAS TURBINE Greenville, SC		SIZE	CAGE CODE	DWG NO	GR0744 0417
GE Power Generation		B		357B2574	
DRAWN	JL DAVIS	01-09-25	SCALE	NONE	CALC WT - LBS SHEET 3
ISSUED	JL DAVIS	01-09-26	TURBINE COMPARTMENT		

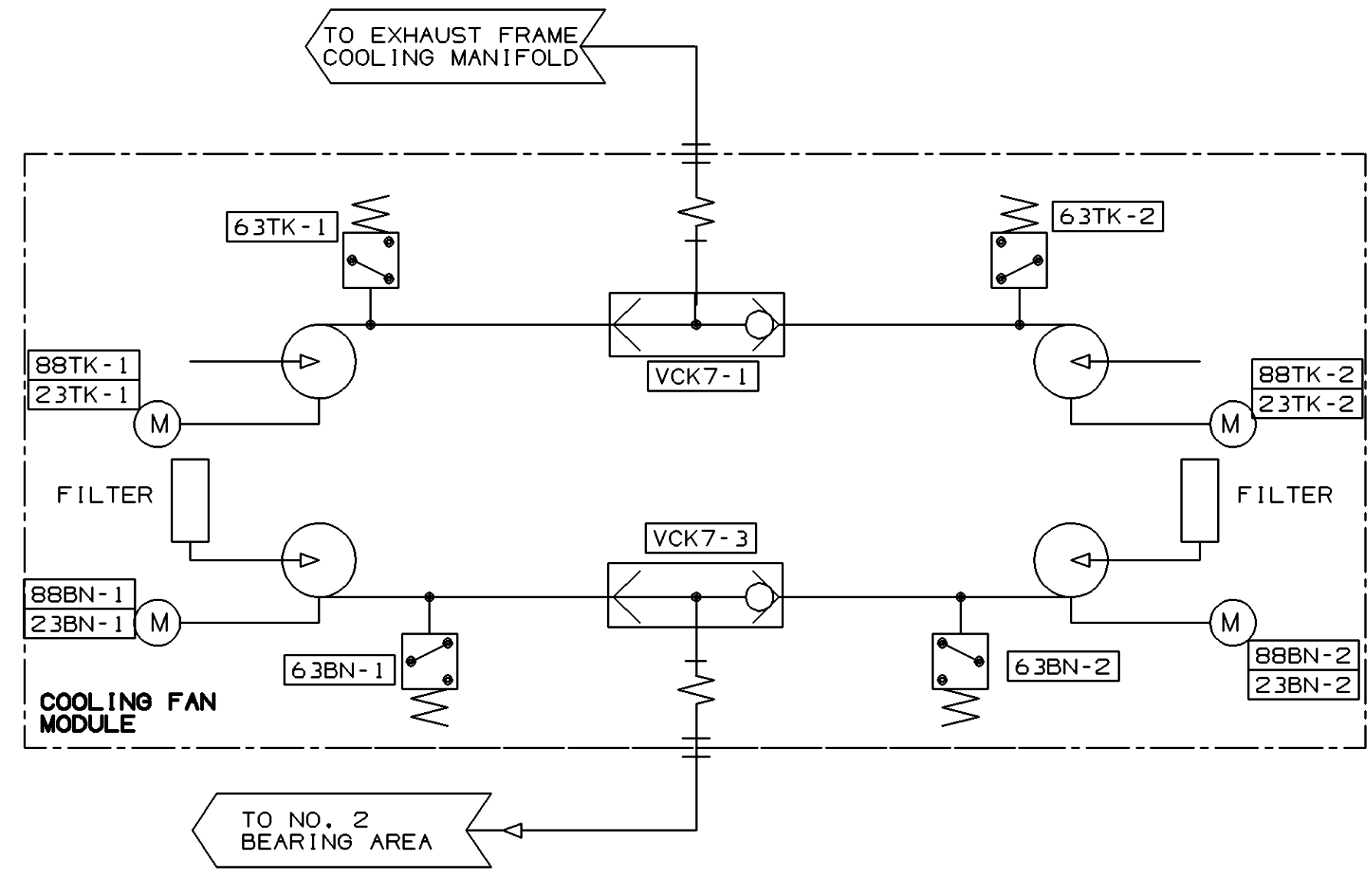
DISTR TO

INTERCONNECTING PIPING DESIGN REQUIREMENTS

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

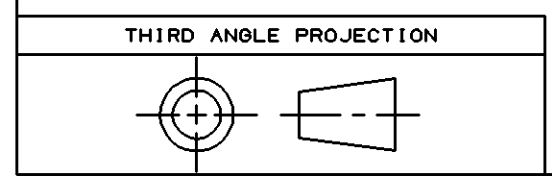
REVISE ON CAD ONLY
UG PART: GRO744-0417
(SPEC: 357B2574)

PC	PRESS	TEMP	FLOW
CA5	250 PSIG MAX [17.58 KG/CM2]	800°F MAX [427° C]	_____
CA16	250 PSIG MAX [17.58 KG/CM2]	800°F MAX [427° C]	32.8 LBM/SEC MAX [53.6x10 ³ kg/hr]
CA20	250 PSIG MAX [17.58 KG/CM2]	800°F MAX [427° C]	WATER 1 GAL/MIN MAX [.227 m ³ /hr]
CA52	63 PSIG MAX [4.43 KG/CM2]	450°F MAX [232° C]	_____
CA53	127 PSIG MAX [8.93 KG/CM2]	600°F MAX [316° C]	_____
CA54	210 PSIG MAX [14.76 KG/CM2]	800°F MAX [427° C]	_____



ORIFICE DIAMETERS	
A	0.031 IN [0.79 MM]
C	4.42 IN [112.6 MM]
D	2.28 IN [66.0 MM]
E	7.31 IN [185.7 MM]
F	7.44 IN [189.0 MM]

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GENERAL ELECTRIC COMPANY GAS TURBINE Greenville, SC GE Power Generation		SIZE B	CAGE CODE	DWG NO 357B2574	GRO744 0417
DRAWN JL DAVIS	01-09-25	SCALE NONE	CALC WT - LBS	SHEET 4	DISTR TO
ISSUED JL DAVIS	01-09-26				

NOTES:

1. VM15-1 AND VA20-1 SHOULD BE LOCATED AS CLOSE AS POSSIBLE TO THE GAS TURBINE BASE ENCLOSURE.
2. THE STATIC PRESSURE TAP FOR 96BH-1 SHOULD BE LOCATED A MAXIMUM OF 3.0 FEET UPSTREAM OF VA20-1.
3. THE STATIC PRESSURE TAP FOR 96BH-2 SHOULD BE LOCATED 8-10 PIPE DIAMETERS DOWNSTREAM OF VA20-1. THE PIPING BETWEEN VA20-1 AND 96BH-2 SHOULD BE A STRAIGHT RUN.
4. DRY INSTRUMENT AIR IS REQUIRED AT A PRESSURE RANGE FROM 50.0 TO 250.0 PSIG(344.73 TO 17.23 Barg). THE MAXIMUM STEADY-STATE VA20-1 ACTUATION AIR CONSUMPTION IS 20.0 SCFH. THE MAXIMUM TRANSIENT VA20-1 ACTUATION AIR CONSUMPTION IS 300.0 SCFH FOR 4.0 SECONDS.
5. SEE DEVICE SUMMARY (MLI 0414) FOR CONTROL DEVICE SETTINGS.
6. SEE FIELD INTERCONNECTING PIPING ARRANGEMENT (MLI A053IN) FOR FUNCTIONAL DESCRIPTION OF PIPING DESIGN REQUIREMENTS. THE SYSTEM MINIMUM AND MAXIMUM DESIGN FLOW CONDITIONS AT IH3 ARE:

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	MODIFIED MLI REF AND UPDATED TABLE IN NOTE 6. CE05078 A.HERNANDEZ	02-12-02	RJW

REVISE ON CAD ONLY
UG PART: 361B1740P001

SYSTEM OPERATING MINIMUM FLOW	SYSTEM OPERATING MAXIMUM FLOW	SYSTEM MECHANICAL DESIGN
14.00 lbm/sec AT 229.90 psia (15.85 Bara) 608 °F	32.68 lbm/sec AT 53.74 psia (3.7 Bara) 666.8 °F	Max Pressure 270.2 psia (18.62 Bara) AT 667.3 °F Max Temp. 825.5 °F AT 202.48 psia (13.96 Bara)

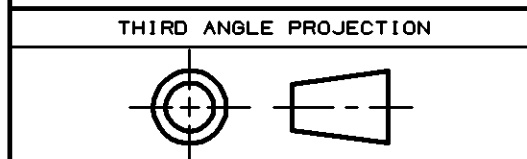
7. NEEDLE VALVE IS ADJUSTMENT FOR QUICK EXHAUST VALVE VA42-1 THIS ADJUSTMENT IS FACTORY SET.

1	PIPING SYMBOLS	277A2415
IT.	NOMENCLATURE	IDENT
LIST OF COMPLEMENTARY DOCUMENTS		

A	A	REV	REV STATUS OF SHEETS
2	1	SH	

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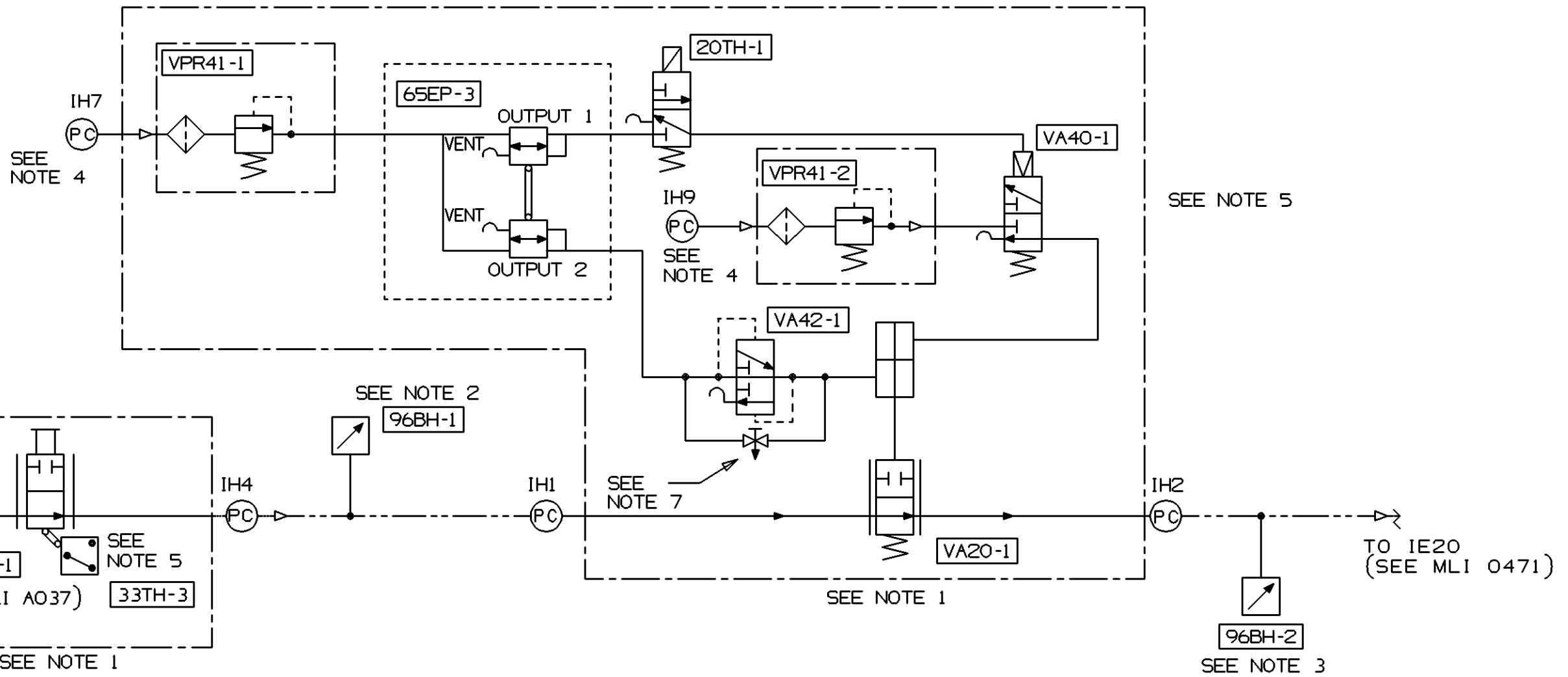
UNLESS OTHERWISE SPECIFIED	SIGNATURES	DATE	GE Power Generation GENERAL ELECTRIC COMPANY GAS TURBINE Schenectady, NY
DIMENSIONS ARE IN INCHES.	DRAWN S.RAMIREZ	01-11-26	
TOLERANCES ON:	CHECKED R.WOODING	01-11-20	
2 PL DECIMALS ±	ENGRG ALEJANDRO L.	01-11-20	
3 PL DECIMALS ±	ISSUED S.RAMIREZ	01-11-26	
ANGLES ±			
FRACTIONS ±			
	APPLIED PRACTICES 348A9200		
	SIM TO: NONE		

DIAGRAM, SCHEM PP-INLET AIR HTG
FIRST MADE FOR ML-9A1WFA49-1T1 0432

SIZE B	CAGE CODE	DWG NO 361B1740	DISTR TO
SCALE NONE	SHEET 1		

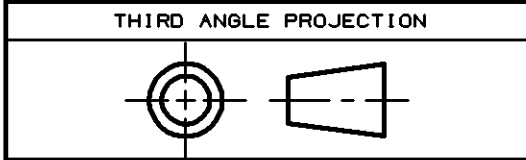
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	ADDED VPR41-2. CE05078 A.HERNANDEZ	02-12-02	RJW

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UG PART: 361B1740P001



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GENERAL ELECTRIC COMPANY GAS TURBINE Schenectady, NY GE Power Generation	SIZE	CAGE CODE	DWG NO	0432
	B		361B1740	
DRAWN S. RAMIREZ	01-11-26	SCALE NONE	SHEET	2
ISSUED S. RAMIREZ	01-11-26			

NAME: R:\2001\512m1097\0444-207d1561.dwg DATE: JUN 30, 2003 TIME: 2:30 PM

REV		DESCRIPTION	DATE	APPROVED
A		FOR REV. INFORMATION SEE SHEET 6.	01-12-13	PM/ALK
B		FOR REV. INFORMATION SEE SHEET 6.	02-02-18	TRM
C		FOR REV. INFORMATION SEE SHEET 6.	02-04-04	PM/ALK
D		FOR REV. INFORMATION SEE SHEET 6.	03-06-30	RJ/ALK

RELAY & DEVICE NOMENCLATURE
(SEE GPP ELEMENTARY FOR ADDITIONAL DETAILS)

- 26Q-() TRANSFORMER OIL TEMPERATURE ALARM
- 27-() UNDERVOLTAGE RELAY
- 27BS-1,2 SYNCH UNDERVOLTAGE RELAY
- 49T TRANSFORMER WINDING TEMPERATURE ALARM
- 50RE INSTANTANEOUS OVERCURRENT RLY (MIFPA55E100H00C)
- 52SS LCI SUPPLY BREAKER
- 52ET EXCITATION TRANSFORMER SUPPLY BREAKER
- 59BN BUS GROUND DETECTOR RELAY
- 63PR-() TRANSFORMER OIL PRESSURE RELIEF
- 63PT-() TRANSFORMER FAULT PRESSURE RELAY
- 63PTX-() TRANSFORMER FAULT PRESSURE SWITCH RELAY (HAA16B2)
- 63V-() TRANSFORMER VACUUM ALARM
- 71Q-() TRANSFORMER LIQUID LEVEL GAGE
- 86G1 GENERATOR LOCKOUT RELAY
- 86G2 GENERATOR LOCKOUT RELAY
- 86G3 GENERATOR LOCKOUT RELAY
- 86G4 GENERATOR LOCKOUT RELAY
- 86RE INADVERTANT ENERGIZATION LOR
- 86T TRANSFORMER DIFF LOCKOUT RELAY
- 86SS ISOLATION TRANSFORMER LOCKOUT RELAY
- 89ND NEUTRAL GROUND DISCONNECT SWITCH
- 89SS-() LCI STATIC START DISCONNECT SWITCH
- 94BFI BREAKER FAILURE RELAY (NGA15AG)
- 96G-() TRANSDUCER (G)=WATTS/VARS, (W)=WATTS

EXCITER FUNCTIONS

- 30EX GLOBAL ALARM OUTPUT RELAY
- 64FA/T GENERATOR FIELD GROUND ALARM / TRIP
- 94EX TRIP OUTPUT RELAY
- REGULATOR A & B
- AVR AUTOMATIC VOLTAGE REGULATOR (auto)
- FCR FIELD CURRENT REGULATOR
- FVR FIELD VOLTAGE REGULATOR
- PSS POWER SYSTEM STABILIZER
- RCC REACTIVE CURRENT COMPENSATION
- UEL UNDER EXCITATION LIMIT
- DEL OVER EXCITATION LIMIT
- V/Hz VOLTS per HERTZ LIMIT
- 26EX BRIDGE OVER TEMPERATURE ALARM / TRIP
- 27EX AC/DC SOURCE UNDERVOLTAGE ALARM
- 60EX VT (VTFF) FAILURE ALARM / TRANSFER / TRIP
- PROTECTION MODULE
- 24EX V/Hz ALARM/TRIP
- 40EX LOSS OF EXCITER TRANSFER / TRIP
- 47EX BRIDGE AC PHASE UNBALANCE ALARM / TRIP
- 59EX OVERVOLTAGE ALARM / TRIP
- 60EX VT (VTFF) FAILURE ALARM / TRANSFER / TRIP
- 76EX OVER EXCITATION ALARM / TRIP

EQUIPMENT LOCATION KEY

- AP AIR PROCESS SKID
- DCR DC LINK REACTOR
- EX EX2000
- ET EXCITATION TRANSFORMER
- F FIRE PROTECTION PANEL
- ISO ISOLATION TRANSFORMER
- LCI LOAD COMMUTATED INVERTER
- T INLET AIR COMPARTMENT
- GV ACCESSORY MODULE - GAS VALVE AREA
- LO ACCESSORY MODULE - LUBE OIL AREA
- LCI EX2K COMPARTMENT WITHOUT HV
- GE EQUIP MTD SEPARATE FROM PKG
- GENERATOR PROTECTION PANEL
- GENERATOR COMPT DEVICE
- LOAD SHAFT COMPARTMENT
- GENERATOR TERMINAL ENCLOSURE (GTE)
- MOTOR CONTROL CENTER (MCC)
- CO2 FIRE PROTECTION SKID
- TURBINE COMPT DEVICE
- TURBINE CONTROL PANEL (MARK VI)
- CUSTOMER'S EQUIPMENT
- H2 HYDROGEN SUPPLY
- WW WATER WASH SKID
- PACKAGE ELECTRICAL & ELECTRONIC CONTROL CENTER (PEECC)
- COOLING WATER SYSTEM

NOTES:

- SEE CABLE SUMMARY, MLI 0463, FOR INTERCONNECTING CABLE SCOPE OF SUPPLY.
- CUSTOMER'S SYSTEM SHOULD NOT EXCEED 65,000 AMPS RMS SYMMETRICAL SHORT CIRCUIT CURRENT AT THE MCC INCOMING TERMINALS. SEE DEVICE SUMMARY, MLI 0414 TO VERIFY MOTOR AND HEATER RATINGS.
- GENERATOR DIGITAL MULTI-METER (GEN DMM) (NEXUS 1250) SELECTABLE DISPLAYS:
 - VOLTS 3Ø PHASE-PHASE AND PHASE-NEUTRAL
 - AMPS 3Ø
 - FREQUENCY, MW, MVAR, PF, MVA, MVARHR, MWHR
- BUS DIGITAL MULTI-METER (BUS DMM) MANUAL SELECTABLE DISPLAYS:
 - DISPLAY 1: VOLTS PRIMARY (3Ø PHASE-PHASE) VT SECONDARY (3Ø)
 - DISPLAY 2: FREQUENCY
- 4 TO 20MA ANALOG OUTPUTS FOR MW, MVAR, PF, FREQ AS WELL AS OTHER TURBINE PARAMETERS ARE AVAILABLE AS FIELD SELECTABLE OUTPUTS OUT OF THE TURBINE CONTROL PANEL; SEE MLI 4108.
- VT'S ARE NON-DRAWOUT.
- FOR APPLICATION WHERE 87T RELAY RECEIVES INPUT FROM CTS THAT WILL SEE CURRENT ASSOCIATED WITH STATIC START (UNIT DIFFERENTIAL PROTECTION), THE 87T RELAY MUST HAVE 2 SELECTABLE SETTINGS, ONE FOR STARTUP, ONE FOR NORMAL RUN CONDITIONS. TCP CONTACT 87TSSX IS USED TO SELECT THE STARTUP SETTINGS AND REVERT (DEFAULT) BACK TO THE NORMAL SETTING WHEN THE UNIT IS NOT STARTING. (i.e. TCP SIGNAL NOT PRESENT)
- ALL LOCKOUT RELAY (86) FUSES ARE MONITORED BY ALARM TO TURBINE CONTROL PANEL. THE 125VDC GENERATOR PANEL POWER SUPPLY IS MONITORED BY ALARM IN THE TURBINE CONTROL PANEL.
- THE CRITICAL CONTACT OF THE DGP WILL INITIATE A SIGNAL TO BEGIN NORMAL SHUTDOWN. HOWEVER, IF THERE IS A BACKUP GENERATOR PROTECTION (DGP/SR489/BECKWITH), NORMAL SHUTDOWN WILL OCCUR ONLY WHEN BOTH DGP AND BACKUP FAIL.

DIGITAL TRANSFORMER PROTECTION

- CAT. NO. SR745W3P5G5HI (3 WINDING, ØCT INPUTS 5AMPS, GRD CT INPUT 5 AMPS, 125VDC POWER)
- 51TN-() GENERATOR XFMR NEUTRAL OVERCURRENT RELAY
 - 63PTX-() CONFIGURE OUTPUT CONTACT TO LATCH CLOSE ON 63PT INPUT
 - 87T TRANSFORMER DIFFERENTIAL

DGP DIGITAL GENERATOR PROTECTION

- DGPS4ABCA
- 24A/24T VOLTS PER HERTZ ALARM/TRIP
 - 27G GENERATOR UNDERVOLTAGE
 - 32-1,32-2 REVERSE POWER
 - 40-1,40-2 LOSS OF EXCITATION
 - 46A/46T NEGATIVE SEQUENCE ALARM/TRIP
 - 51V SYSTEM PHASE FAULT BACKUP
 - 59G OVERVOLTAGE RLY
 - 64G1 GENERATOR STATOR GROUND FAULT
 - 74-() DGP ALARM OUTPUT CONTACT
 - 81U-1,2/81D-1,2 UNDERFREQUENCY/OVERFREQUENCY
 - 87G GENERATOR DIFFERENTIAL RLY (DGP)
 - 94G-() DGP TRIP OUTPUT CONTACT
 - VTFF VOLTAGE TRANSFORMER FUSE FAILURE
 - 27TN STATOR GROUND DETECTION , SITE DETERMINATION OF GENERATOR 3rd HARMONIC LEVEL DICTATES TURNING FUNCTION ON OR OFF

BACKUP GENERATOR PROTECTION - SR489

- CAT. NO. SR489P5HIA20
- 24A/24T VOLTS PER HERTZ ALARM/TRIP
 - 27 UNDERVOLTAGE
 - 32 REVERSE POWER
 - 40 LOSS OF EXCITATION
 - 46A/46T NEGATIVE SEQUENCE ALARM/TRIP
 - 51V SYSTEM PHASE FAULT BACKUP
 - 59G OVERVOLTAGE RLY
 - 59GN GENERATOR STATOR GROUND FAULT
 - R1-R6 OUTPUT CONTACTS
 - 81-U/81-D UNDERFREQUENCY/OVERFREQUENCY
 - 87G GENERATOR DIFFERENTIAL RLY
 - 60FL VOLTAGE TRANSFORMER FUSE FAILURE
 - 27TN STATOR GROUND DETECTION , SITE DETERMINATION OF GENERATOR 3rd HARMONIC LEVEL DICTATES TURNING FUNCTION ON OR OFF

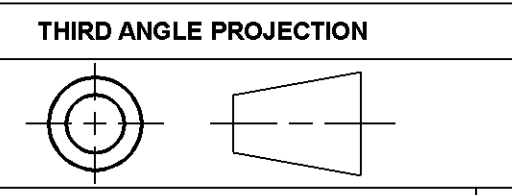
LEGEND

- HMI TURBINE CONTROL SYSTEM HUMAN MACHINE INTERFACE
- LA LIGHTNING ARRESTER
- LCI LOAD COMMUTATED INVERTER
- PPT POWER POTENTIAL TRANSFORMER
- SR SPARE
- z OPTIONAL ALTERNATIVE
- \$ OPTIONAL EXTRA
- + IF REQUIRED
- * TYPICAL

G.E. TERMINATION POINT
CUSTOMER

LPSO

- MODEL: LPSOB35U123HE1N
- 21 DISTANCE RLY
 - 78 LOSS OF SYNCH (OUT-OF-STEP)
 - VTFF VOLTAGE TRANSFORMER FUSE FAILURE



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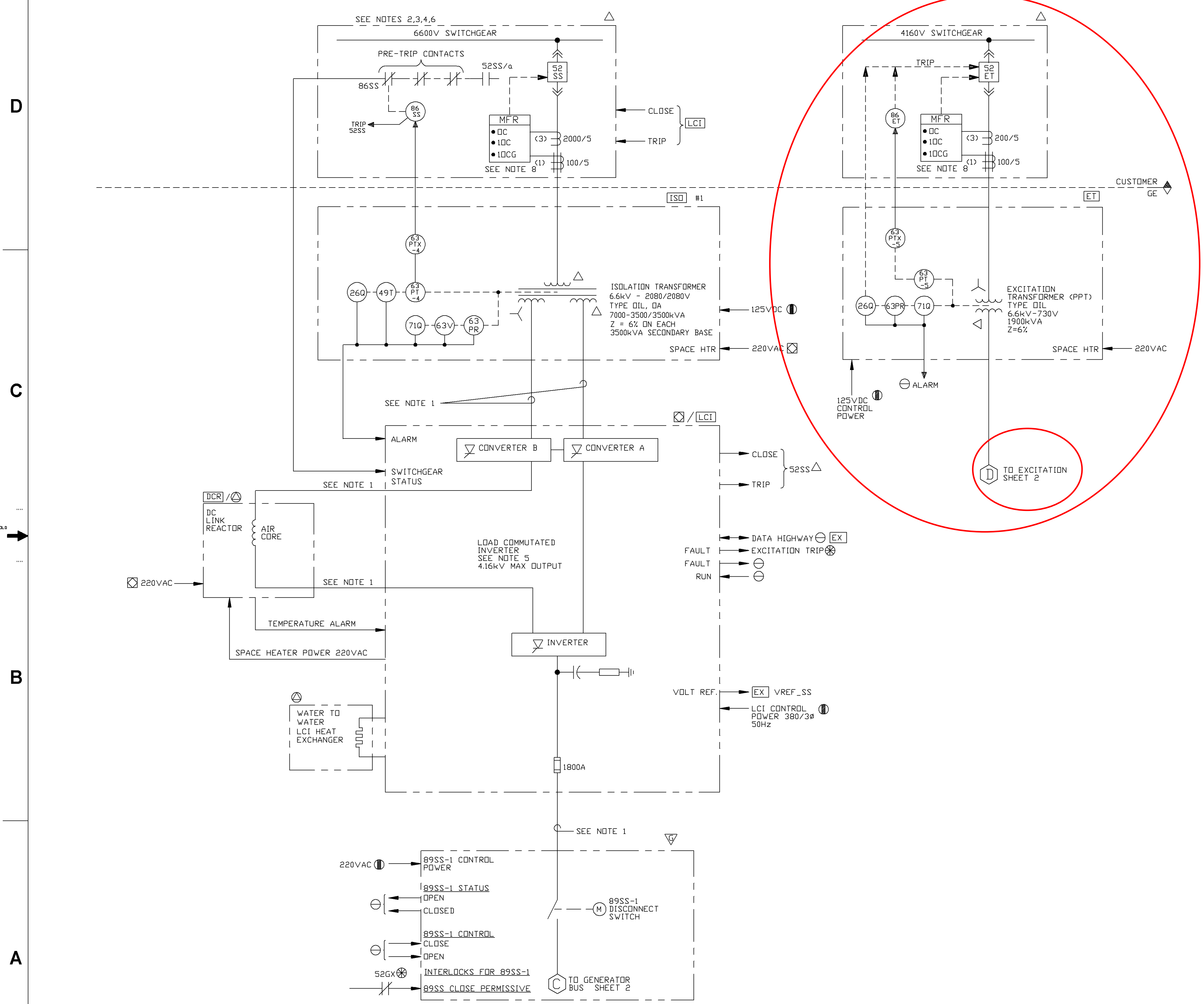
GAS TURB ML 9A1WFA43-1
GAS TURB DM GR0744
GEN DL 337X542
ML ITEM 0444

D	C	C	D	D	D	REV	REV STATUS OF SHEETS
6	5	4	3	2	1	SH	

UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE	
DIMENSIONS ARE IN INCHES	DRAWN	A L KENDALL	01-09-12	AS BUILT	
TOLERANCES ON:	CHECKED	P MUKHERJEE	01-09-12	GE POWER SYSTEMS	
2 PL DECIMALS ±	PROJ ENG	E NELSON	01-09-12	GENERAL ELECTRIC COMPANY	
3 PL DECIMALS ±	ISSUED	A L KENDALL	01-09-12	GENERAL ELECTRIC INTERNATIONAL, INC.	
ANGLES ±	CIVIL	NA	NA	GLOBAL POWER PLANT SYSTEMS DEPARTMENT	
FRACTIONS ±	ELECTRIC	P MUKHERJEE	01-09-12	Schenectady, NY - USA	
PROJECT	MECHANICAL	NA	NA	ONE LINE DIAGRAM	
AMPLIACION CENTRAL	CONTROLS	NA	NA	GAS TURBINE	
NEHUENCO	SCALE	NONE		FIRST MADE FOR ML- 512M1097 0444	
MADE FOR	SIZE	D		CAGE CODE	
COLBUN - SA	DWG NO	207D1561		SHEET 1	
	SCALE	NONE		IPS 94739	

NAME: R:\2001\512m1097\ 0444-207d1561.dwg DATE: JUN 30, 2003 TIME: 2:28 PM

SIZE	D	DWG NO	207D1561	SHEET	3	REV	D
REVISIONS		DATE	APPROVED				
REV	DESCRIPTION	DATE	APPROVED				
D	FOR REV. INFORMATION SEE SHEET 6.	03-06-30	RJ/ALK				



- NOTES:
- FOR PROPER OPERATION OF THE LCI, ALL CABLES FOR THE STATIC START SYSTEM SHALL BE 5kV INSULATION (MINIMUM) UNSHIELDED. IF SHIELDED CABLE IS USED, THE MAXIMUM SINGLE PHASE CAPACITANCE TO GROUND SHALL NOT EXCEED THE FOLLOWING VALUES:
 - ISOLATION TRANSFORMER TO LCI SOURCE BRIDGE: 0.125 μ f PER PHASE.
 - DC LINK REACTOR CIRCUIT: 0.125 μ f PER POLARITY
 - LCI LOAD BRIDGE TO GENERATOR(S): 0.125 μ f PER PHASE
 - CUSTOMER'S AUXILIARY BUS IS TO HAVE SHORT CIRCUIT AVAILABLE CURRENT OF 250MVA MINIMUM. REDUCED AMOUNTS OF BUS MVA WILL RESULT IN INCREASED LEVELS OF VOLTAGE AND CURRENT DISTORTION. REFERENCE IEEE 519-1993 HARMONIC CONTROL AND REACTIVE COMPENSATION OF STATIC POWER CONVERTERS FOR ADDITIONAL INFORMATION. CUSTOMER IS TO SPECIFY SHORT CIRCUIT MVA AS PART OF ONE-LINE DIAGRAM APPROVAL PROCESS. AUXILIARY BUS ACTUAL AVAILABLE SHORT CIRCUIT MVA = LATER BY CUSTOMER.
 - AUTOMATIC CONTROL OF THE LCI FEEDER BREAKER IS FROM THE LCI.
 - THE PRETRIP CONTACT OPENS WHEN A TRIP IS INITIATED BY DEVICES OTHER THEN THE LCI DRIVE. EXAMPLES ARE THE 86SS RELAY AND THE CONTROL SIGNALS THAT INITIATE THE TRIP OF THE FEEDER BREAKER. THE 52/a CONTACT MUST BE SUPPLIED TO PROVIDE THE LCI WITH POSITION STATUS (OPEN/CLOSED) OF THE FEEDER BREAKER.
 - 12 PULSE SOURCE/6 PULSE LOAD WATER COOLED LCI SHOWN.
 - STATIC STARTING REQUIRES 7000kVA STEADY STATE AND 11528kVA TRANSIENTLY FOR 5 MINUTES EACH START.
 - FOR CUSTOMER SUPPLIED COOLING WATER SYSTEM, COOLING WATER MUST BE SUPPLIED TO THE LCI HEAT EXCHANGER WHENEVER THE LCI IS IN OPERATION.
 - MFR IS A MULTI-FUNCTION FEEDER PROTECTIVE RELAY AND CONSISTS OF THE FOLLOWING:
 - TIME OVERCURRENT (IOC)
 - INSTANTANEOUS TIME OVERCURRENT (IIOC)
 - GROUND FAULT (IOCG)

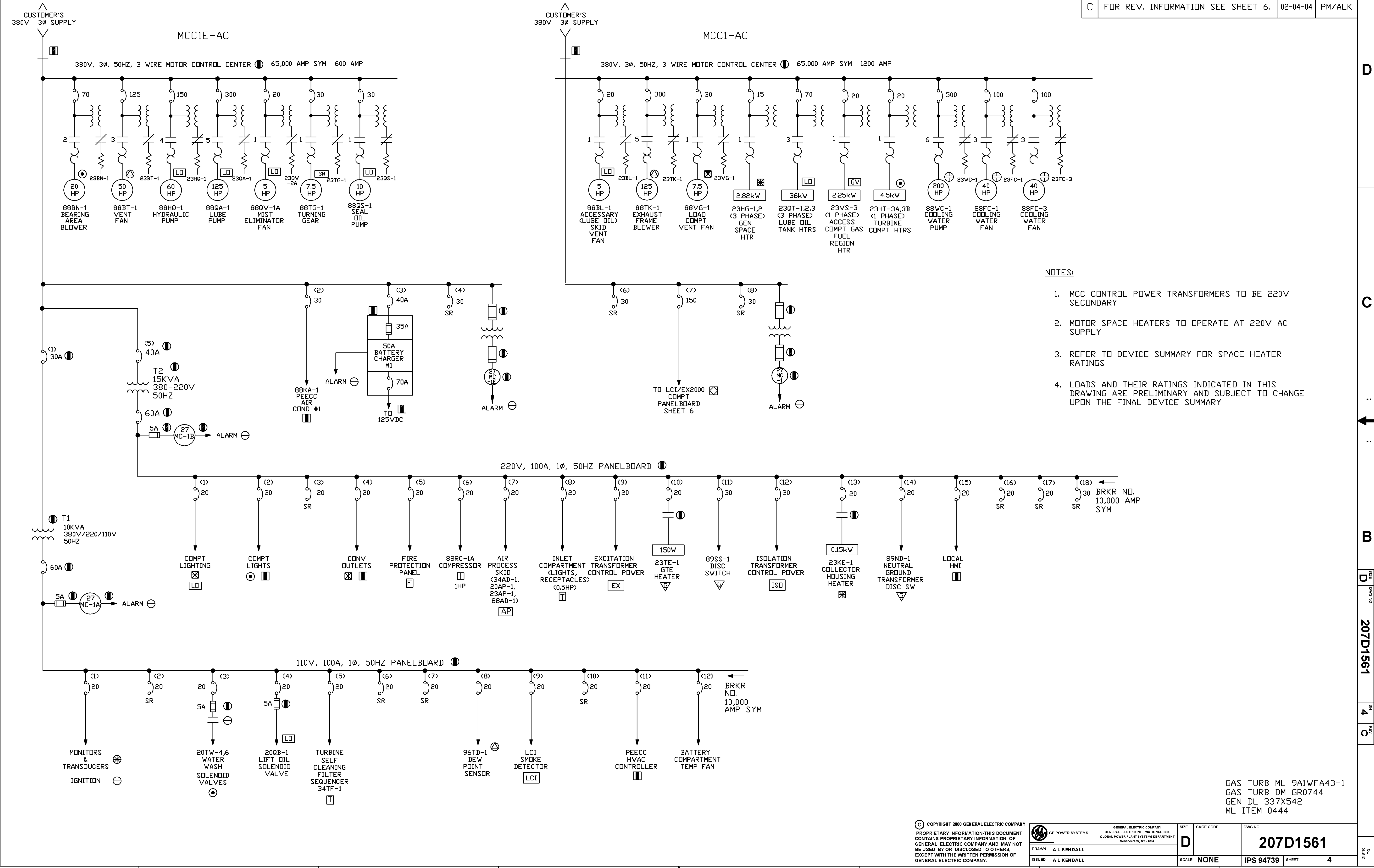
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GE POWER SYSTEMS	GENERAL ELECTRIC COMPANY GLOBAL POWER PLANT SYSTEMS DEPARTMENT Schenectady, NY - USA	SIZE	CAGE CODE	DWG NO
D				207D1561
DRAWN	A L KENDALL	SCALE	NONE	IPS 94739 SHEET 3
ISSUED	A L KENDALL			

GAS TURB ML 9A1WFA43-1
 GAS TURB DM GR0744
 GEN DL 337X542
 ML ITEM 0444

NAME: R:\2001\512m1097\0444-207d1561.dwg DATE: APR 04, 2002 TIME: 9:48 AM

REV	DESCRIPTION	DATE	APPROVED
C	FOR REV. INFORMATION SEE SHEET 6.	02-04-04	PM/ALK



- NOTES:
1. MCC CONTROL POWER TRANSFORMERS TO BE 220V SECONDARY
 2. MOTOR SPACE HEATERS TO OPERATE AT 220V AC SUPPLY
 3. REFER TO DEVICE SUMMARY FOR SPACE HEATER RATINGS
 4. LOADS AND THEIR RATINGS INDICATED IN THIS DRAWING ARE PRELIMINARY AND SUBJECT TO CHANGE UPON THE FINAL DEVICE SUMMARY

GAS TURB ML 9A1WFA43-1
 GAS TURB DM GR0744
 GEN DL 337X542
 ML ITEM 0444

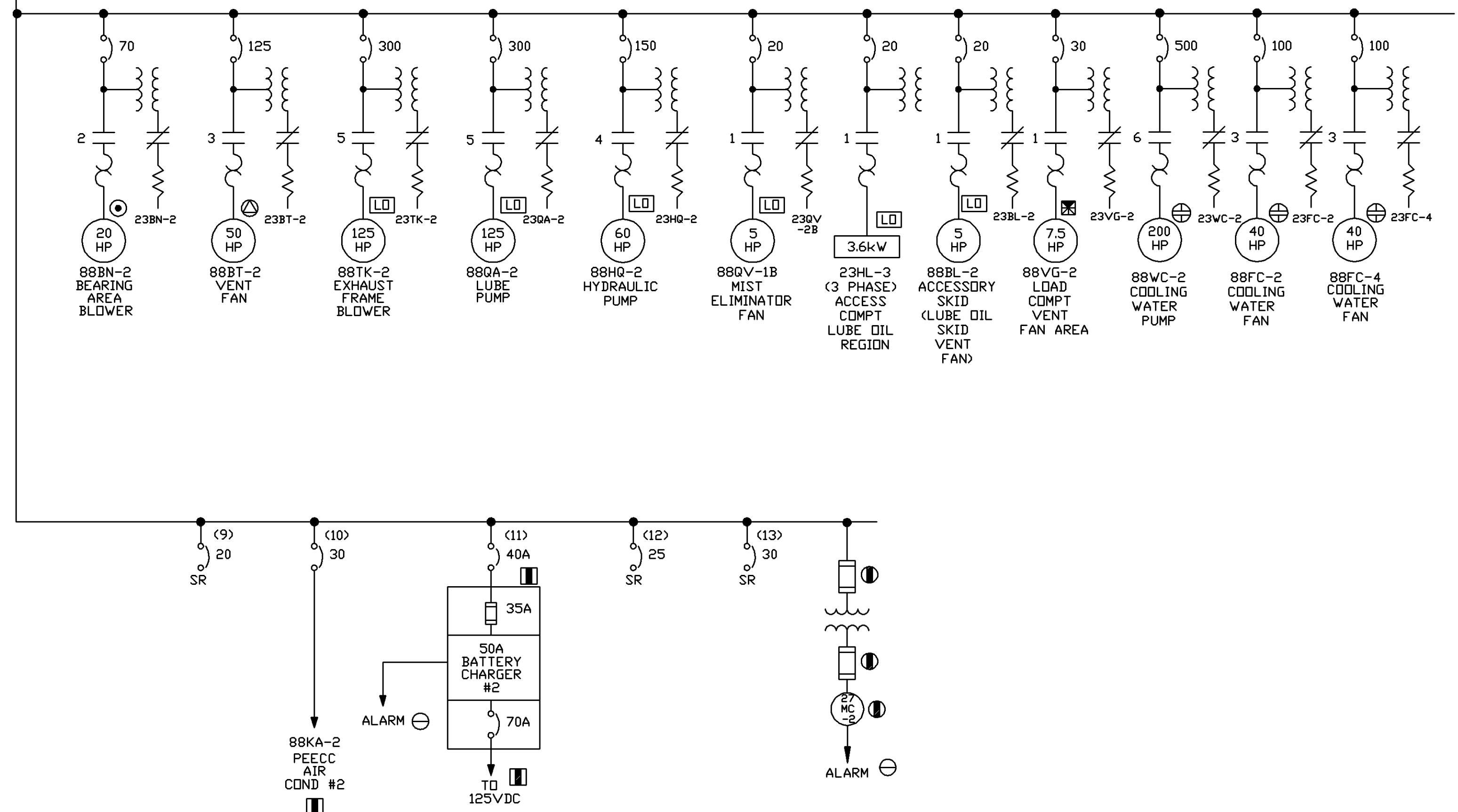
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DRAWN: A L KENDALL ISSUED: A L KENDALL	PPE JN 512M1097 1			

NAME: R:\2001\512m1097\0444-207d1561.dwg DATE: APR 04, 2002 TIME: 9:50 AM

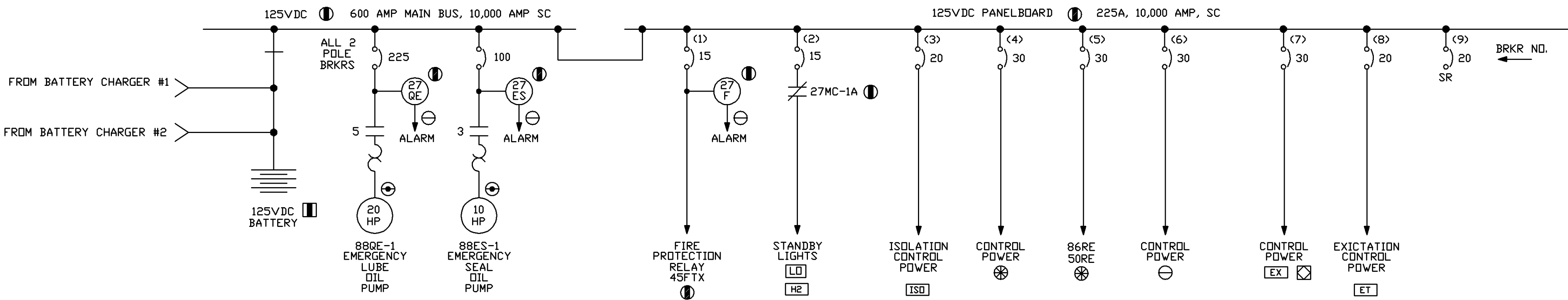
REV	DESCRIPTION	DATE	APPROVED
C	FOR REV. INFORMATION SEE SHEET 6.	02-04-04	PM/ALK

CUSTOMER'S
380V 3 ϕ
SUPPLY

MCC2-AC
380V, 3 ϕ , 3 WIRE MOTOR CONTROL CENTER 65,000 AMP SYM 1200 AMP



MCC1-DC



GAS TURB ML 9A1WFA43-1
GAS TURB DM GR0744
GEN DL 337X542
ML ITEM 0444

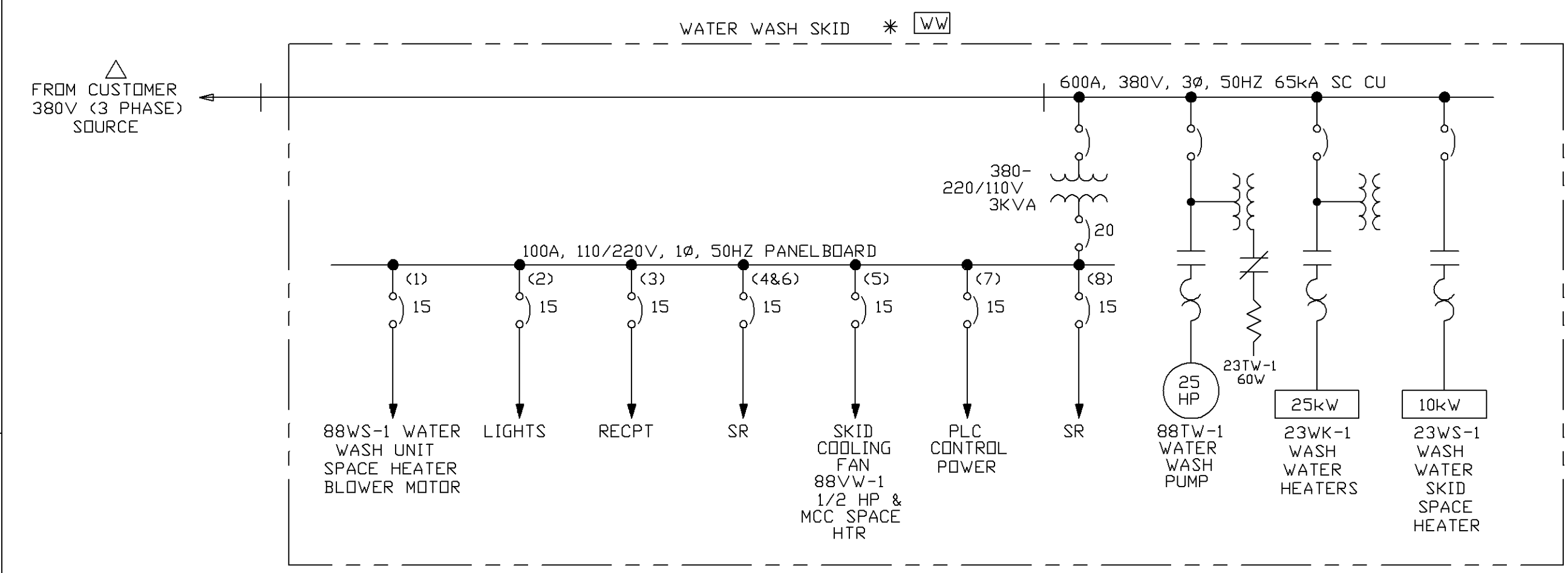
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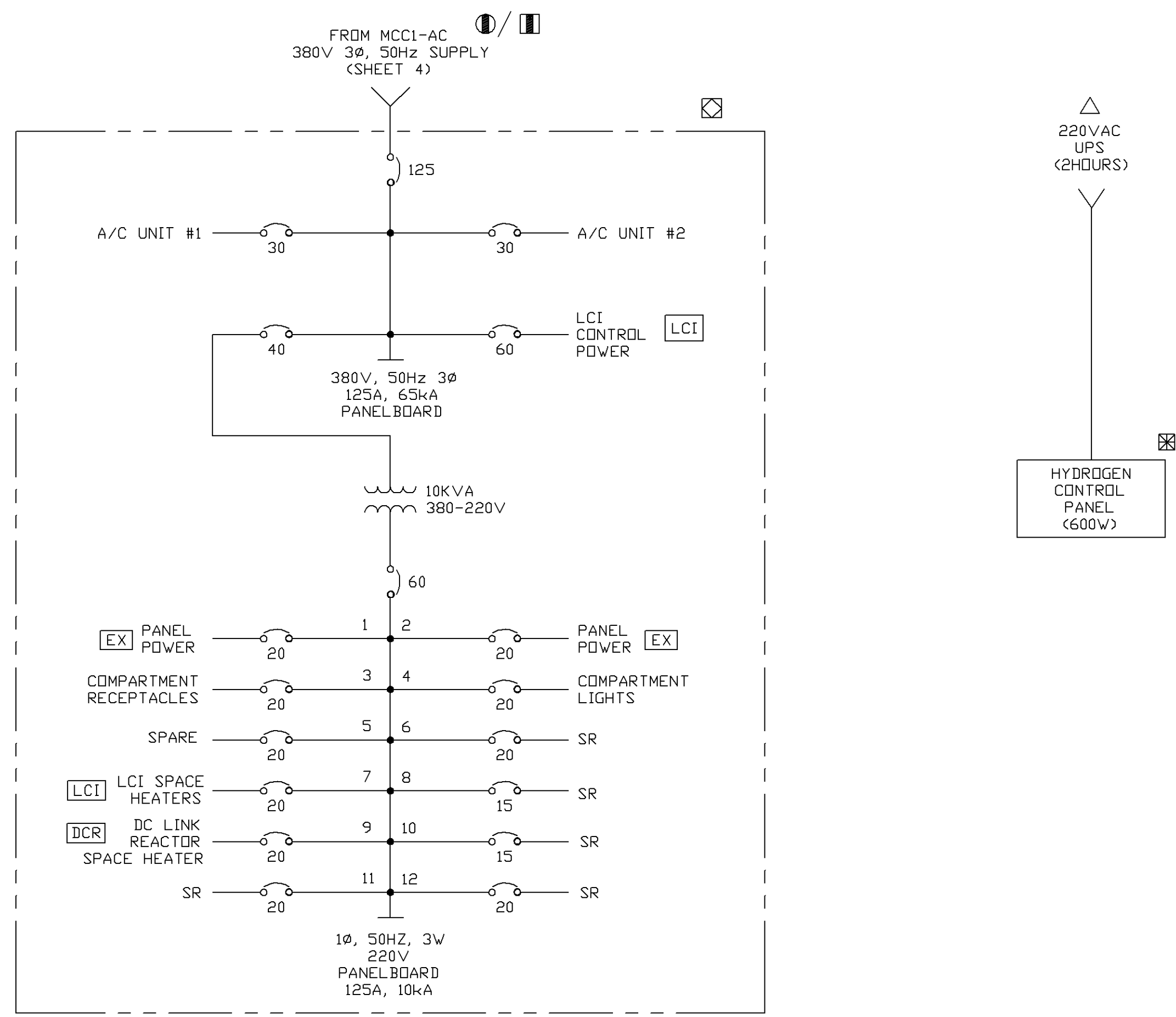
GE POWER SYSTEMS	GENERAL ELECTRIC COMPANY GENERAL ELECTRIC INTERNATIONAL, INC. GLOBAL POWER PLANT SYSTEMS DEPARTMENT Schenectady, NY, USA	SIZE D	CAGE CODE	DWG NO. 207D1561
DRAWN A L KENDALL	ISSUED A L KENDALL	SCALE NONE	IPS 94739	SHEET 5

PPE JN 512M1097 1

NAME: R:\2001\512m1097\0444-207d1561.dwg DATE: JUN 30, 2003 TIME: 2:39 PM



* SKETCH IS TYPICAL AND IS SHOWN FOR SCOPE PURPOSES ONLY. REFER TO WATER WASH SKID VENDOR DRAWINGS TO VERIFY ACTUAL ARRANGEMENT



LCI/EXCITATION COMPARTMENT PANELBOARD

REVISIONS				REVISIONS			
REV	DESCRIPTION	DATE	APPROVED	REV	DESCRIPTION	DATE	APPROVED
D	SHEET 1: 1. UPDATED REVISION STATUS BLOCK SHEET 2: 1. ADDED INPUTS TO 86BF AND 86T1 2. ADDED FUNCTIONS TO CONTACT R3 IN SR745 3. REVISED TRIP OUTPUTS FROM LPSD 4. ADDED INPUT TO 86G2 5. REVISED FUNCTIONS IN DGP AND SR489 SHEET 6: 1. ADDED DESCRIPTION OF REVISION D AS BUILT CHANGES	03-06-30	RJ/ALK	A	SHEET 1: 1. REMOVED CATALOG NUMBERS FROM ITEMS IN NOMENCLATURE 2. ADDED NOMENCLATURE FOR SR489. 3. UPDATED REVISION STATUS BLOCK. SHEET 2: 1. CHG'D SR475 BY PUTTING ALL FUNCTIONS ON R2 OUTPUT. 2. CHG'D ALL CT RATIOS TO 14,000/5. 3. CHG'D VT RATING TO 17,200 (ZONE D-6). 4. CHG'D INCOMING AC VOLTAGE TO NEUTRAL GROUND TO 220VAC. 5. REVISED NOTE FOR CT ACCURACY. 6. REMOVED DGP/B AND ADDED AN SR489. 7. ADDED 81D-2 TO 74D OUTPUT IN DGP. SHEET 3: 1. CHG'D VOLTAGE TO 6600V (ZONE D-7). 2. CHG'D INCOMING AC VOLTAGE TO 89TS TO 220VAC. SHEET 4: 1. REDREW MCC'S TO SHOW AN ESSENTIAL BUS. 2. ADDED TRANSFORMER T2 TO ACCOMMODATE A4 WIRE SYSTEM. 3. CHG'D kW FOR 23VS-3 AND 223HT-3A,3B. 4. CHG'D HP FOR 88FC-1 AND 88FC-3. 5. MOVED H2 SUPPLY AND LOCAL HMI TO SHEET WITH A DCS SUPPLY. 6. ADDED 20AP-1 TO 220V BKR 7. 7. REMOVED 77FL-1. SHEET 5: 1. MOVED 88QS-1 TO SHEET 4 AS PART OF THE ESSENTIAL BUS. 2. CHG'D HP FOR 88FC-2 AND 88FC-4. 3. REMOVED LF/AA SYMBOL FROM DC BKR 2. SHEET 6: 1. REMOVED 110V FROM FROM LEC TRANSFORMER. 2. ADDED DCS FEEDS TO H2 PANEL AND LOCAL HMI. 3. ADDED DESCRIPTION OF REVISION 'A'.	01-12-13	PM/ALK

B	SHEET 1-6: 1. UPDATED REVISION STATUS. SHEET 1: 1. UPDATED 'REV. STATUS OF SHEETS'. 2. CHANGED 'SR745W2P5G5HT' TO 'SR745W3P5G5HT' ALSO '2 WINDING' TO '3 WINDING' (ZONE B-8). SHEET 2: 1. DELETED 'CT'S 10,11,12' (ZONE B-2). 2. CHANGED 'C800' TO 'C400' (ZONE A-4). SHEET 3: 1. UPDATED THIS SHEET. SHEET 4: 1. DELETED '3WIRE REQUIRED' (ZONE D-8,D-5). 2. CHANGED '1000A' TO '1200A' (ZONE D-3). 3. 88WC-1 CHANGED 'FAN' TO 'PUMP' (ZONE C-3). 4. CHANGED '40A' TO '30A' (ZONE C-8). 5. CHANGED '115VAC SUPPLY' TO 'SR' (ZONE B-6). 6. DELETED 'LINE TO NEUTRAL' (ZONE B-6). 7. CHANGED '8 & 10' TO '8' (ZONE B-5). 8. ADDED '10' (ZONE B-4). 9. (12) CHANGED 'SR' TO 'ISOL. XFMR. CONT. PWR.' (ZONE B-4). 10. ADDED 'LOCAL HMI' (ZONE B-3). 11. DELETED 'C17' (ZONE B-2). 12. ADDED 'BATTERY COMPARTMENT TEMP. FAN' (ZONE A-5). 13. ADDED 'HVAC CONTROLLER' (ZONE A-5). SHEET 5: 1. DELETED '4 WIRE REQUIRED' (ZONE D-8). 2. CHANGED NOTE '4 WIRE' TO '3 WIRE' ALSO '1000A' TO '1200A' (ZONE D-6). 3. 88WC-2 CHANGED 'FAN' TO 'PUMP' (ZONE C-4). SHEET 6: 1. ADDED REVISION DESCRIPTION 'B'. 2. CHANGED '40A' TO '30A' (ZONE B-7). 3. CHANGED '110/220V' TO '220V' (ZONE A-7).	02-02-18	TRM
---	--	----------	-----

C	SHEET 1: 1. UPDATED REVISION STATUS BLOCK 2. CHG'D CATALOG NO. FOR S0RE SHEET 2: 1. CHG'D S0RE TO MIF STYLE RELAY SHEET 3: 1. ADDED NOTE 8 2. MOVED 63PTX RELAYS INTO TRANSFORMER SHEET 4: 1. CHG'D kW FOR 23HG-1,23HG-2 2. MOVED SMOKE DETECTOR FEED TO BKR 9 ON 110V PNLBD 3. ADDED 23TE-1 TO 220V PNLBD BKR 10 4. ADDED TWO SPARE BKRS TO 220V PNLBD 5. MOVED FEED ON BKR 10 TO BKR 11 AND ADDED FEED TO BKR 12 ON 110V PNLBD SHEET 5: 1. REMOVED 23HG-2 2. ADDED DC FEEDER FOR EXCITATION TRANSF SHEET 6: 1. REVISED LCI/EX COMPT PANELBOARD 2. ADDED DESCRIPTION OF REVISION C	02-04-04	PM/ALK
---	--	----------	--------

GAS TURB ML 9A1WFA43-1
GAS TURB DM GR0744
GEN DL 337X542
ML ITEM 0444

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GE POWER SYSTEMS
GENERAL ELECTRIC COMPANY
GLOBAL POWER PLANT SYSTEMS DEPARTMENT
Schenectady, NY - USA

SIZE: D
CAGE CODE: NONE
DWG NO: 207D1561
SCALE: NONE
ISSUED: A.L. KENDALL
SHEET: 6

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	ADDED "IF APPLICABLE" TO N4. AN# CD91897 D.A.Y.	02-02-08	C.ADAMS

NOTE(S):

1. SEE DEVICE SUMMARY (MLI 0414) FOR CONTROL DEVICE SETTINGS.
2. CONVENIENCE OUTLETS, LIGHTS, LIGHT SWITCHES AND INDICATOR LIGHTS ARE NOT SHOWN.
3. SEE DIAGRAM, SCHEM PP-TURB & CPRSR WSHG (MLI 0442).
4. SEE PIPING FUEL GAS (MLI 0422) AND PIPING LIQUID FUEL (MLI 0424) FOR DRAIN LOCATION, IF APPLICABLE.
5. SEE SENSOR, HUMIDITY (MLI A122) FOR DETAILS.
6. SEE DIAGRAM, SCHEM PP-CONTROL AIR (MLI 0419).


REVISE ON CAD ONLY
UG PART: 361B1890P001

PC	TEMPERATURE			PRESSURE			FLOW		
	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX
IE2	N/A	80° F [27° C]	150° F [66° C]	80 PSIG [552 KPA]	100 PSIG [690 KPA]	115 PSIG [794 KPA]	0	129 SCFM [3.6 M ³ /MIN]	-----
IE20	N/A	N/A	825.5° F [440.8° C]	N/A	N/A	255.5 PSIG [1762 KPA]	0	N/A	32.68 LB/SEC [14.85 KG/SEC]
IE57A IE57B	-----	-----	1200° F [649° C]	0	-----	1 PSID [7 KPA-D]	0	0	0

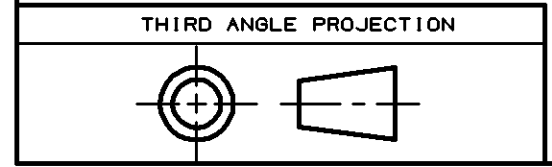
CUSTOMER: EMPRESA ELECTRICA
COLBUN S.A.

I	PIPING SYMBOLS	277A2415
IT	NOMENCLATURE	IDENT
LIST OF COMPLEMENTARY DOCUMENTS		

-	A	REV	REV STATUS
2	1	SH	OF SHEETS

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. TOLERANCES ON: 2 PL DECIMALS ± 3 PL DECIMALS ± ANGLES ± FRACTIONS ±	SIGNATURES	DATE	 GE Power Generation GENERAL ELECTRIC COMPANY GAS TURBINE Schenectady, NY
	DRAWN D.A.YOUNG	01-09-28	
	CHECKED D.A.YOUNG	01-09-28	
	ENGRG C.ADAMS	01-09-28	
	ISSUED D.A.YOUNG	01-09-28	
APPLIED PRACTICES 348A9200		DIAGRAM, FLOW-INLET & EXHAUST	
SIM TO: NONE		FIRST MADE FOR ML-9A1WFA43-1 0471	
SIZE B	CAGE CODE	DWG NO 361B1890	DISTR TO
SCALE NONE		SHEET 1	

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DT-1N

GRO744 AF2D

REV	DESCRIPTION	DATE	APPROVED

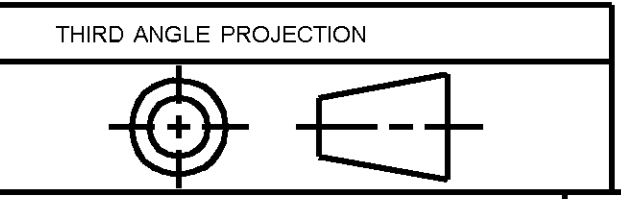
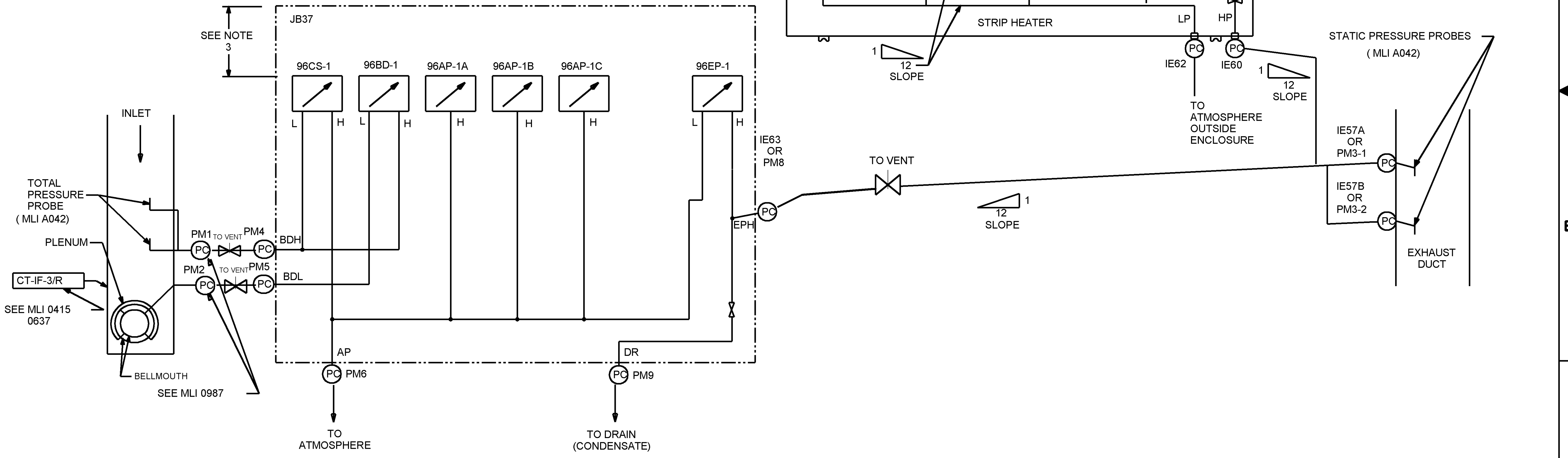
- NOTES:
- SEE DEVICE SUMMARY (MLI 0414) FOR CONTROL DEVICE SETTINGS.
 - SEE MLI 0302 FOR INSTALLATION OUTLINE.
 - FOR CALIBRATION PURPOSES, MINIMUM DISTANCE BETWEEN TOP OF TRANSMITTERS AND JB37 WALL IS TO BE 6.0 INCHES.

PERFORMANCE PRESS XMITTER PACKAGE

- 96CS-1 COMPRESSOR INLET TOTAL PRESSURE
- 96BD-1 BELLMOUTH STATIC PRESSURE
- 96AP-1A BAROMETRIC PRESSURE
- 96AP-1B BAROMETRIC PRESSURE
- 96AP-1C BAROMETRIC PRESSURE
- 96EP-1 EXHAUST PRESSURE

EXHAUST DUCT PRESSURE SWITCH PACKAGE

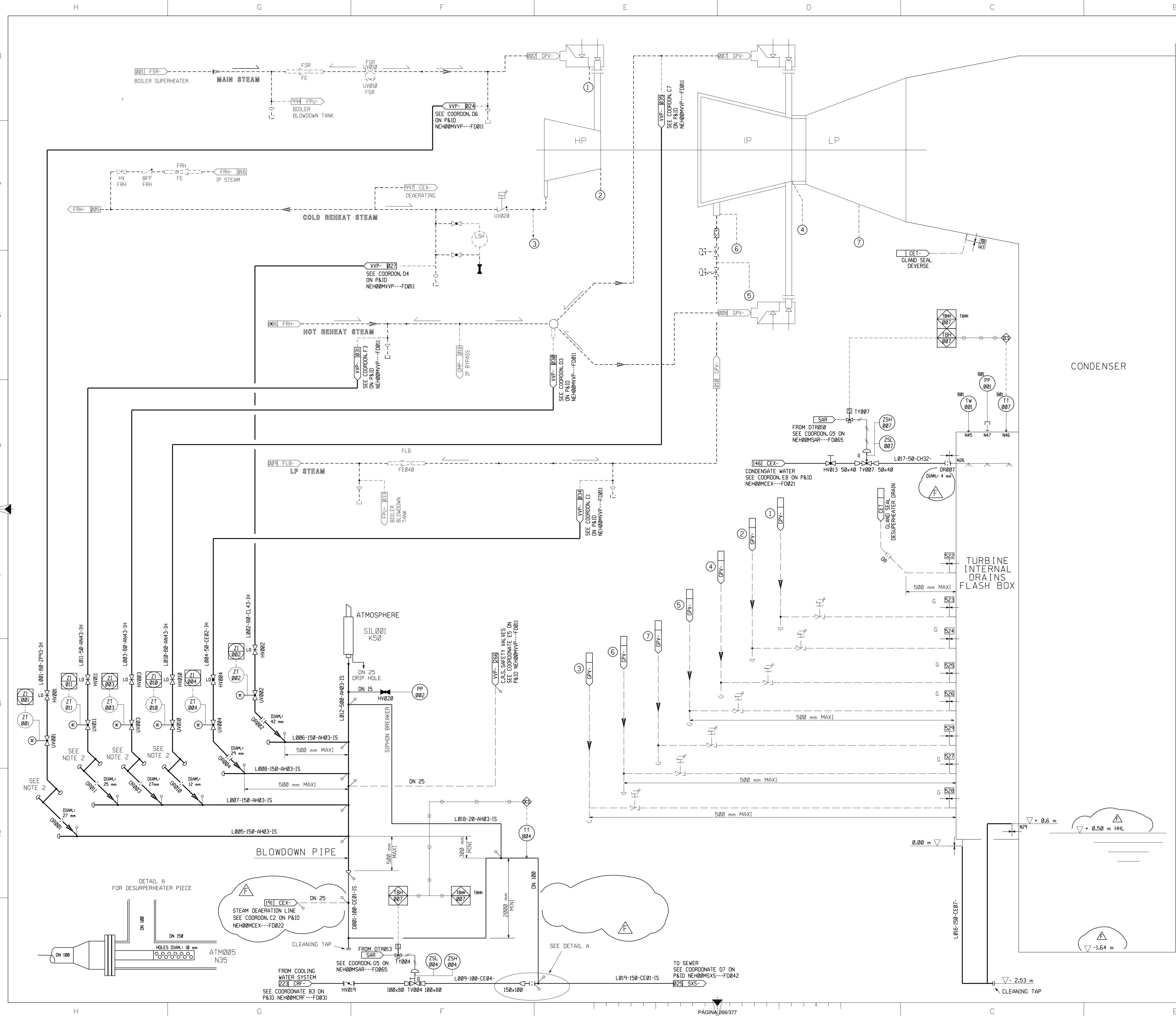
- 63EA-1 EXHAUST PRESSURE HIGH ALARM
- 63ET-1 EXHAUST DUCT PRESS HIGH SHUTDOWN
- 63ET-2 EXHAUST DUCT PRESS HIGH SHUTDOWN



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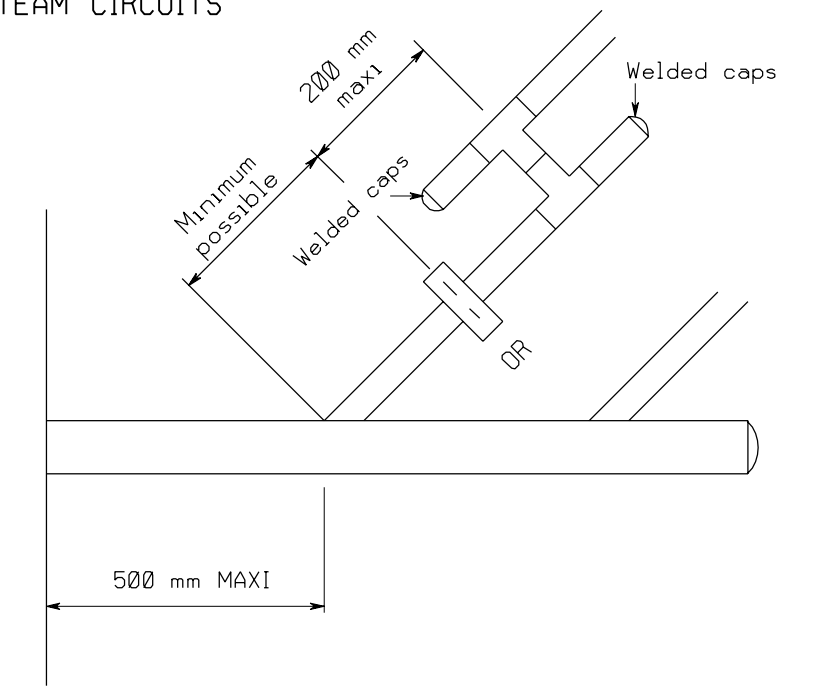
UNLESS OTHERWISE SPECIFIED	SIGNATURES	DATE	GE Power Generation GENERAL ELECTRIC COMPANY GAS TURBINE Schenectady, NY
DIMENSIONS ARE IN INCHES	DRAWN OSCAR COYOLI	2001-09-13	
TOLERANCES ON:	CHECKED RICHARD WOODING	2001-09-13	
2 PL DECIMALS ±	ENGRD OSCAR COYOLI	2001-09-13	
3 PL DECIMALS ±	ISSUED ALEJANDRO PIÑA	2001-09-19	
ANGLES ±			ISS SYS DIAG, PERF DEVICES FIRST MADE FOR ML-9A1WFA43-1T1 0492 SIZE: D PAGE CODE: DWG-NO: 207D1564 SCALE: SHEET: 1
FRACTIONS ±			
APPLIED PRACTICES 348A9200			

PIPE LINES				FITTINGS				SPECIALTY COMPONENTS				PIPING CONNECTOR				PIPING SEGMENT BREAKS				CONTROL VALVES AND REGULATORS				INSTRUMENT LABELS				IN-LINE INSTRUMENTS				INSTRUMENT COMPONENT LABELS				PROCESS EQUIPMENTS				SAFETY EQUIPMENTS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
REF NO	SYMBOL	AABBCC CODE	DUTY	REF NO	SYMBOL	AABBCC CODE	DUTY	REF NO	SYMBOL	AABBCC CODE	DUTY	REF NO	SYMBOL	AABBCC CODE	DUTY	REF NO	SYMBOL	AABBCC CODE	DUTY	REF NO	SYMBOL	AABBCC CODE	DUTY	REF NO	SYMBOL	AABBCC CODE	DUTY	REF NO	SYMBOL	AABBCC CODE	DUTY	REF NO	SYMBOL	AABBCC CODE	DUTY	REF NO	SYMBOL	AABBCC CODE	DUTY	REF NO	SYMBOL	AABBCC CODE	DUTY	REF NO	SYMBOL	AABBCC CODE	DUTY	REF NO	SYMBOL	AABBCC CODE	DUTY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
01		6MB01	MAJOR PIPING	16		602C01	FLANGE	79		606C53	WICH'S HAT FILTER			6DIA01	BREAK LINES	33		7P1E01	UNSPECIFIED VALVE			775L01	PRESSURE SETTING	10		7P3C16	PITOT TUBE			773Y03	SUMMING FUNCTION	103		1D4B01	AUXILIARY TV			602C08	BLIND FLANGE	80		606C45	FILTER			6H4C01	NOMINAL DIAMETER	35		7P1E01	GATE VALVE	ND		775M01	VACUUM SETTING	11		7P3C35	TURBINE FLOWMETER			602C03	REDUCING FLANGE	81		606C51	Y FILTER			6H4L01	SLOPE	36		7P1E17	BUTTERFLY VALVE	19a		6L2B06	FLEXIBLE HOSE	82		606C09	SPECIAL STRAINER			6H4S01	STREAM NUMBER	38		7P1E02	DIAPHRAGM VALVE	04		606C36	FLEXIBLE HOSE	17		603C01	LINE CONNECTION POINT			6H4S01	NORMAL OPERATING PRESSURE/TEMPERATURE	39		7P1E15	GLOBE VALVE	04		606C36	FLEXIBLE HOSE	17		602C43	BAYONET UNION			6H5E01	NORMAL DESIGN PRESSURE/TEMPERATURE	41		7P1E16	PLUG VALVE	18		602C43	BAYONET UNION	20		602CV1	FEMALE QUICK COUPLING			6H5G01	ALTERNATE DESIGN PRESSURE/TEMPERATURE	42		7P1E13	BALL VALVE	09		602CV1	FEMALE QUICK COUPLING	21		602CV2	MALE QUICK COUPLING			6H5T01	TEST SYSTEM	44		7P1E02	UNSPEC. ANGLE VALVE	18		602CV2	MALE QUICK COUPLING	22		602C23	CONCENTRIC DIAM. CHANGE			6H6A01	SAFETY CLASSIFICATION	47		7P1E03	UNSPEC. 3 WAY ANGLE V.	09		602C23	CONCENTRIC DIAM. CHANGE	23		602C24	ECCENTRIC DIAM. CHANGE			6H6G01	CONSTRUCTION STATUS	48		7P1E14	3-WAY PLUG VALVE	18		602C24	ECCENTRIC DIAM. CHANGE	24		602C21	WELDED CAP			6H6J01	MATERIAL OF CONSTRUCTION	49		7P1E04	4-WAY PLUG VALVE	09		602C21	WELDED CAP	25		602C01	FLANGE			6H6K01	PIPING MATERIALS CLASS	51		7P1E04	N/DN RETURN VALVE	18		602C01	FLANGE	26		602CV7	SV CON. OR END CAP			6H6N01	SCHEDULE OR THICKNESS	55		7P1E05	SPEC. N/DN RETURN VALVE	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			6H6P01	DESIGN RESPONSIBILITY	55		7P1E05	SPEC. N/DN RETURN VALVE	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			6H6R01	STRESS ANALYSIS REQUIREMENTS	57		7P1E33	EXT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			6H6T01	SUPPLY RESPONSIBILITY	57		7P1E33	EXT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			6H6U01	COATING REQUIREMENTS	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			6H6V01	HEAT TRACING	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			6H6W01	JACKETED PIPE HEAT TRACING	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			6H6X01	INSULATION REQUIREMENT	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			6H6Y01	CLEANING REQUIREMENTS	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			6H6Z01	CONSTRUCTION RESPONSIBILITY	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			6H6R02	END OF LINE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619C01	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			606CV8	SEPARATOR	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			606C15	MIXING POT	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			609H50	TERMINATOR & LABEL	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			609A01	LIMIT OF SUPPLY	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			609A02	LIMIT OF SUPPLY	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619C01	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		602CV3	THREADED CON. OR END CAP			619CV1	INTERFACE	58		7P1E34	INT. AUTO PRESS. CV	09		602C01	FLANGE	27		6



NOTE 1:
LIMITS OF SUPPLY
M: SPL
G: STU TURBINE
B: BUB BOILER
C: CLIENT

NOTE 2:
DETAIL OF ORIFICE PLATE
FOR STEAM CIRCUITS



NOTE
ALL COMPONENTS NUMBERS ARE PRECEDED WITH 10

REV	DATE	AUTH	CHECK BY	APPR BY	MODIFICATIONS	STATUS
F	28/01/03	Vte	Fla/Fr	Ig	UP DATED + ADDED OFFSHEETS COORDINATES	CFC
E	11/12/02	Vte	Fla	Ig	UP DATED + ADDED ISA 55-1	FUS
D	08/10/02	Bb	Fla	Ig	UP DATED	FUS
C	28/08/02	Vte	Fla	Ps	UP DATED	FUS
B	02/07/02	Bb	Fla	Ig	UP DATED	PRE
A	26/04/02	Bb	Fla	Ig	FIRST ISSUE	PRE

SCALE: _____ SUPPLIER NAME: _____ N°: _____
 SIZE: _____ SPECIFICATION No: _____

COLBUN

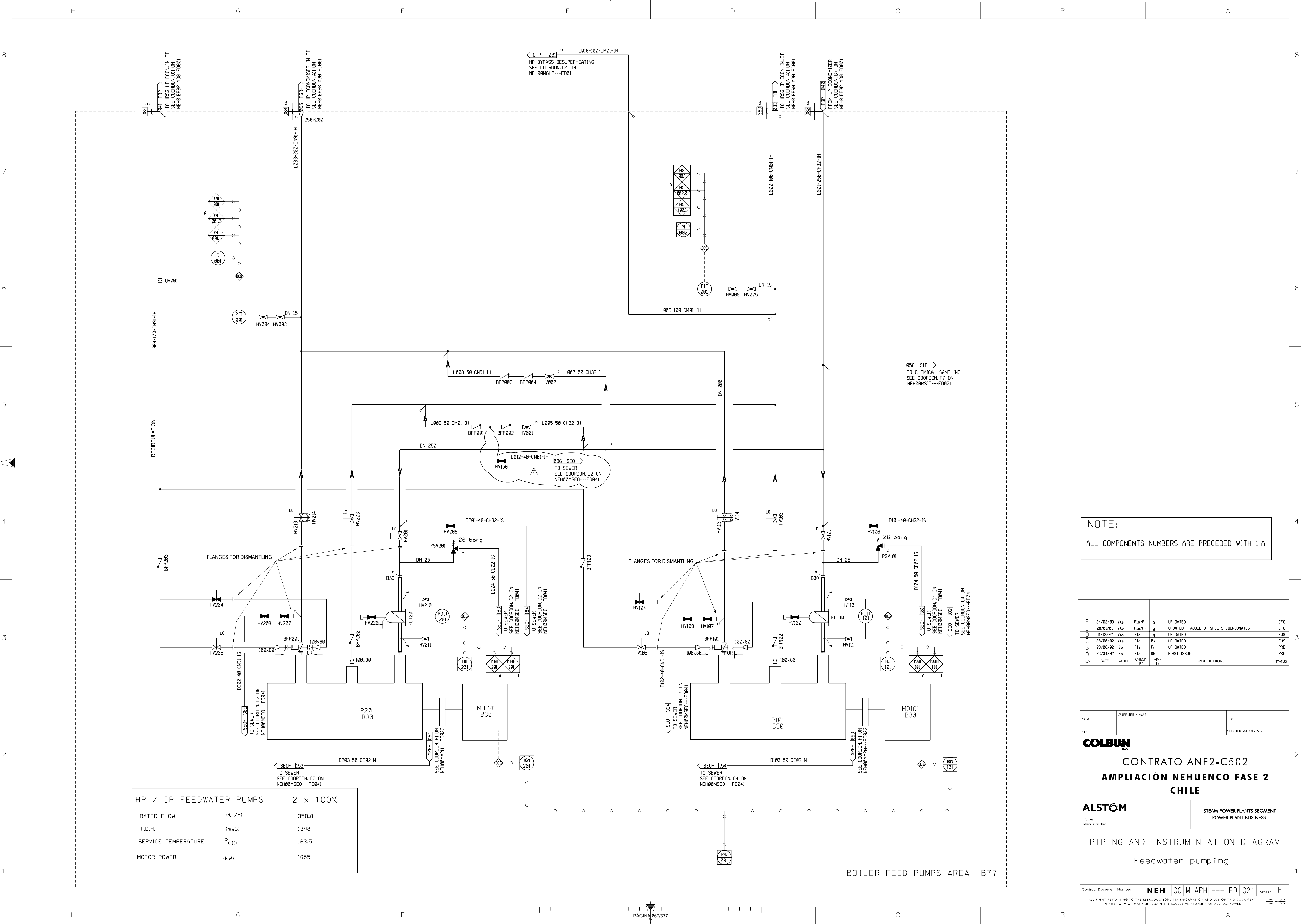
**CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2
CHILE**

ALSTOM STEAM POWER PLANTS SEGMENT
POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
Drain and condensate recovery

Contract Document Number: **NEH 00 M ACO --- FD 011** Revision: **F**

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HP / IP FEEDWATER PUMPS		2 × 100%
RATED FLOW	(t / h)	358.8
T.D.H.	(mWG)	1398
SERVICE TEMPERATURE	°(C)	163.5
MOTOR POWER	(kW)	1655

NOTE:
ALL COMPONENTS NUMBERS ARE PRECEDED WITH 1 A

REV	DATE	AUTH.	CHECK BY	APPR. BY	MODIFICATIONS	STATUS
F	24/02/03	Vte	Flo/Fr	Ig	UP DATED	CFC
E	28/01/03	Vte	Flo/Fr	Ig	UPDATED + ADDED OFFSHEETS COORDINATES	CFC
D	11/12/02	Vte	Flo	Ig	UP DATED	FUS
C	28/08/02	Vte	Flo	Pa	UP DATED	FUS
B	28/06/02	Bb	Flo	Fr	UP DATED	PRE
A	23/04/02	Bb	Flo	Sb	FIRST ISSUE	PRE

SCALE: _____ SUPPLIER NAME: _____ No: _____
 SIZE: _____ SPECIFICATION No: _____

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**CONTRATO ANF2-C502
 AMPLIACIÓN NEHUENCO FASE 2
 CHILE**

ALSTOM STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
 Feedwater pumping

Contract Document Number: **NEH 00 M APH --- FD 021** Revision: **F**

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HP / IP FEEDWATER PUMPS		2 x 100%
RATED FLOW	(t/h)	358.8
T.D.H.	(mWG)	1398
SERVICE TEMPERATURE	°(C)	163.5
MOTOR POWER	(kW)	1655

BOILER FEED PUMPS AREA B77

NOTE:
ALL COMPONENTS NUMBERS ARE PRECEDED WITH 1 A

REV	DATE	AUTH.	CHECK BY	APPR BY	MODIFICATIONS	STATUS
F	24/02/03	Vta	Fia/Fr	Ig	LP DATED	OPC
E	25/01/03	Vta	Fia/Fr	Ig	UPDATED + ADDED OFFSHEETS COORDINATES	OPC
D	11/12/02	Vta	Fia	Ig	LP DATED	FLUS
C	28/08/02	Vta	Fia	Ps	LP DATED	FLUS
B	28/06/02	Sb	Fia	Fr	LP DATED	PRE
A	23/04/02	Sb	Fia	Sb	FIRST ISSUE	PRE

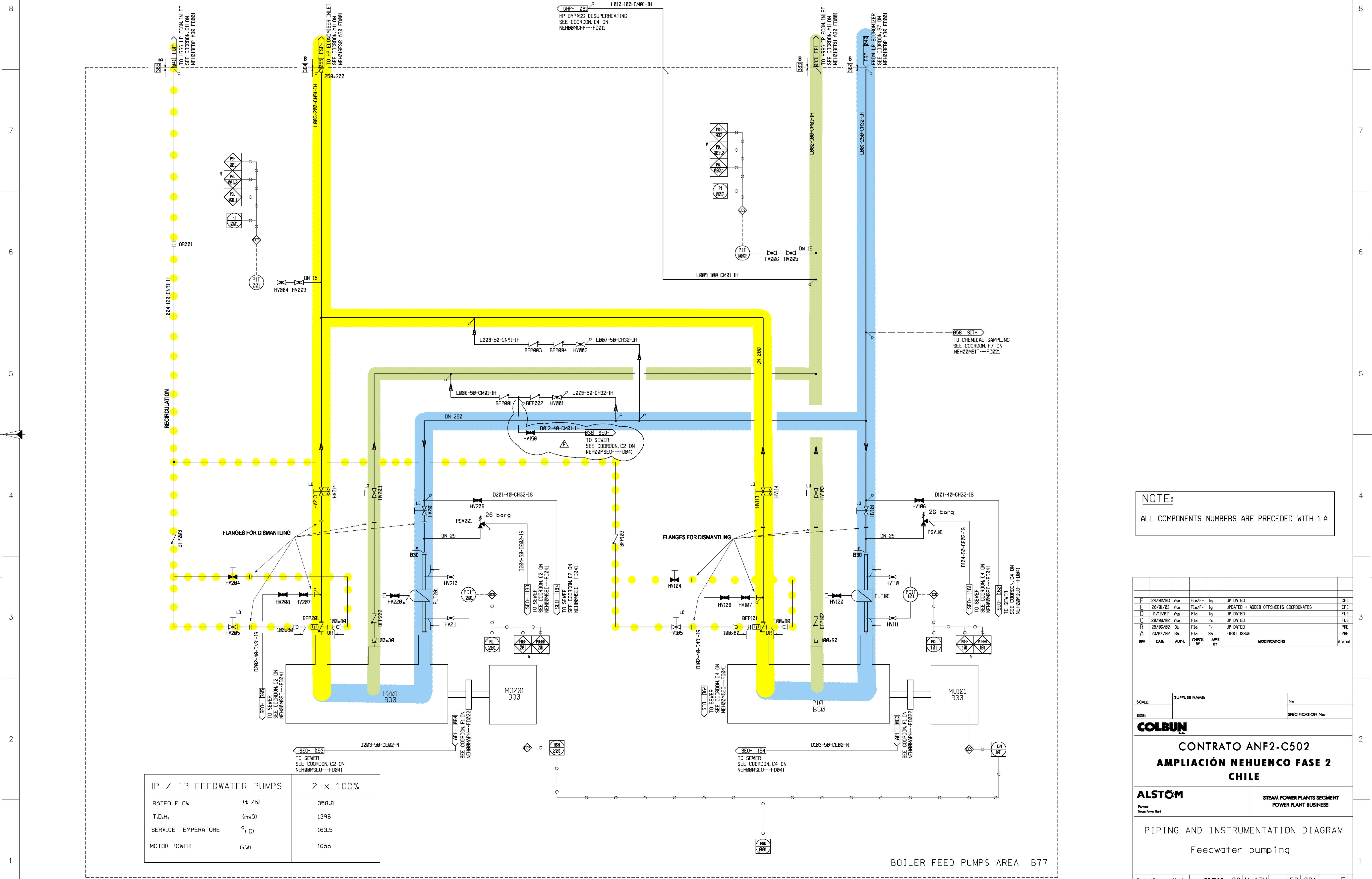
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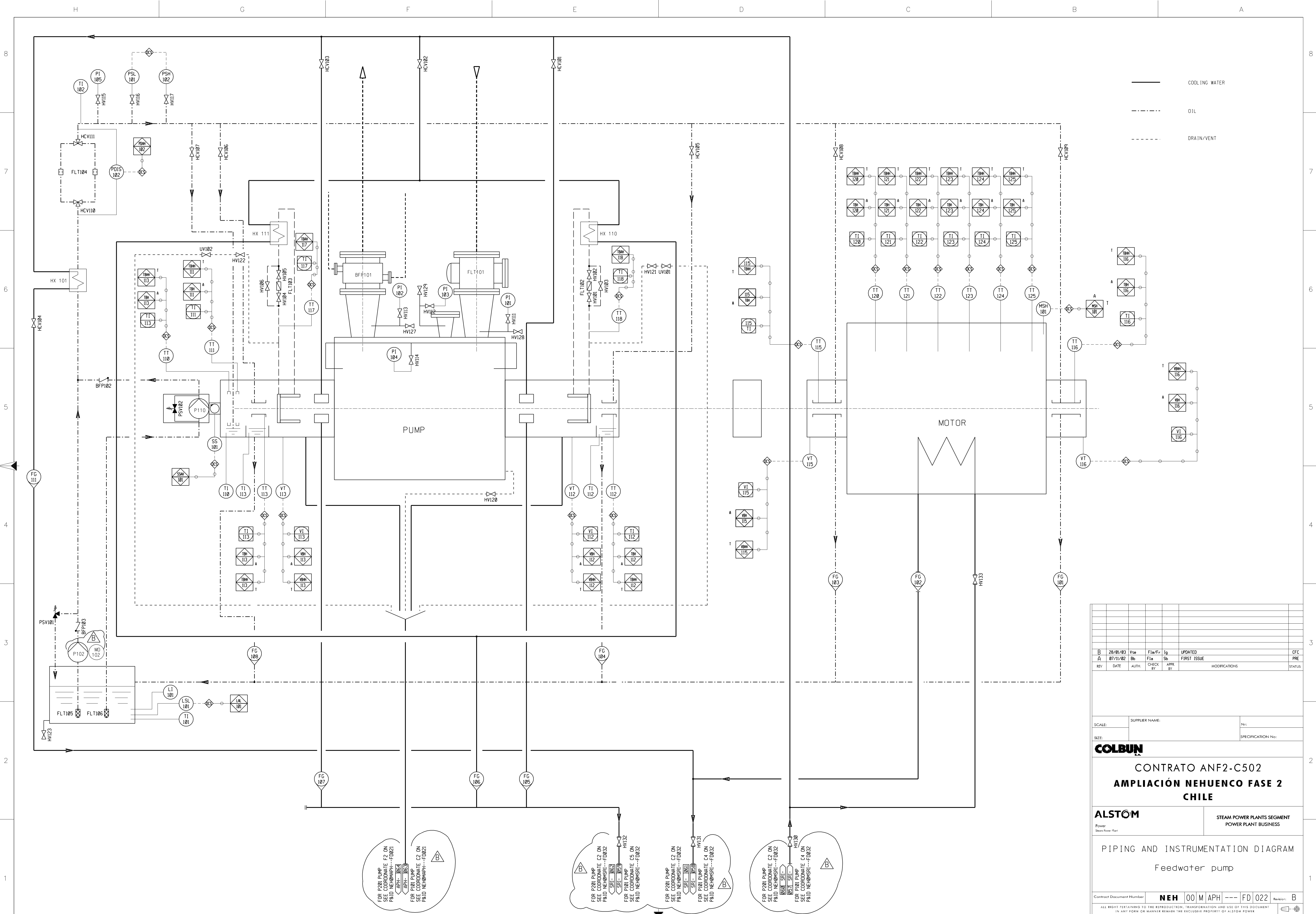
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CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2
CHILE

ALSTOM STEAM POWER PLANTS SEGMENT
POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
Feedwater pumping

Contract Document Number: **NEH 00 M APH --- FD 021** Revision: **F**
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— COOLING WATER
 - - - OIL
 - - - DRAIN/VENT

REV	DATE	AUTH.	CHECK BY	APPR BY	MODIFICATIONS	STATUS
B	28/01/03	Vto	Fla/Fr	Ig	UPDATED	CFC
A	07/11/02	Bb	Fla	Sb	FIRST ISSUE	PRE

SCALE: _____ SUPPLIER NAME: _____
 SIZE: _____ SPECIFICATION No: _____

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CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2
CHILE

ALSTOM STEAM POWER PLANTS SEGMENT
 Power Steam Power Plant POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
 Feedwater pump

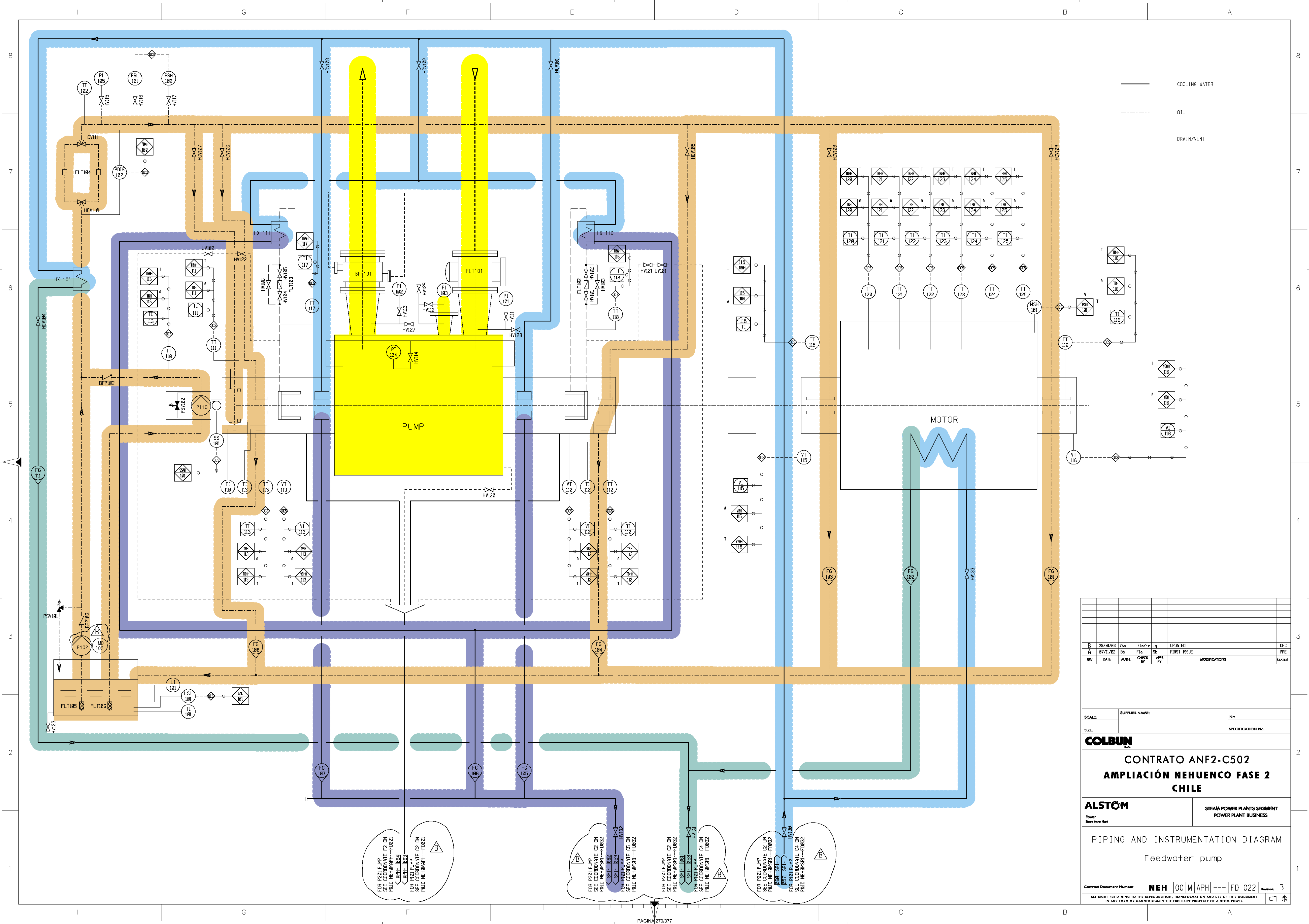
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FOR P200 PUMP
 SEE COORDINATE F2 ON
 PAID NEHUENCO-...-F0021

FOR P200 PUMP
 SEE COORDINATE C2 ON
 PAID NEHUENCO-...-F0032

FOR P200 PUMP
 SEE COORDINATE C3 ON
 PAID NEHUENCO-...-F0032

FOR P200 PUMP
 SEE COORDINATE C4 ON
 PAID NEHUENCO-...-F0032



——— COOLING WATER
 - - - OIL
 - - - DRAIN/VENT

FOR P228 PUMP
 SEE COORDINATE E2 ON
 PAID NEHUAPPH---FD022
 APL- 065
 APL- 065
 FOR PUMP PUMP
 SEE COORDINATE C2 ON
 PAID NEHUAPPH---FD022

FOR P228 PUMP
 SEE COORDINATE C2 ON
 PAID NEHUAPPH---FD022
 SRI- 065
 SRI- 065
 FOR P228 PUMP
 SEE COORDINATE C2 ON
 PAID NEHUAPPH---FD022

FOR P228 PUMP
 SEE COORDINATE C2 ON
 PAID NEHUAPPH---FD022
 SRI- 065
 SRI- 065
 FOR P228 PUMP
 SEE COORDINATE C2 ON
 PAID NEHUAPPH---FD022

FOR P228 PUMP
 SEE COORDINATE C2 ON
 PAID NEHUAPPH---FD022
 SRI- 065
 SRI- 065
 FOR P228 PUMP
 SEE COORDINATE C2 ON
 PAID NEHUAPPH---FD022

REV	DATE	AUTH.	CHECK BY	APPR BY	MODIFICATIONS	STATUS
B	26/01/03	Yto	Fia/r/r	Ig	UPDATED	CFC
A	07/11/02	Bb	Fia	Sb	FIRST ISSUE	PRE

SCALE: _____ SUPPLIER NAME: _____ Nr: _____
 SIZE: _____ SPECIFICATION No: _____

COLBUN
CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2
CHILE

ALSTOM STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
 Feedwater pump

Contract Document Number: **NEH 00 M APH --- FD 022** Revision: **B**
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NOISE HOOD

LEGEND

SYMBOLS NACH DIN 2429
SYMBOLS ACC. TO DIN 2429

- SPEISEWASSER
FEED WATER
- K?HLWASSER
COOLING WATER
- ?L
OIL
- MINDESTMENGE
MINIMUM FLOW
- ENTLASTUNGSWASSER
BALANCING WATER
- TROPFWASSER
LEAKAGE
- ENTLERUNG/ENTL?FTUNG
DRAIN/VENTING

A = KSB-LIEFERGRENZE
 LIMIT OF KSB SCOPE OF SUPPLY
 B = KUNDE / CUSTOMER

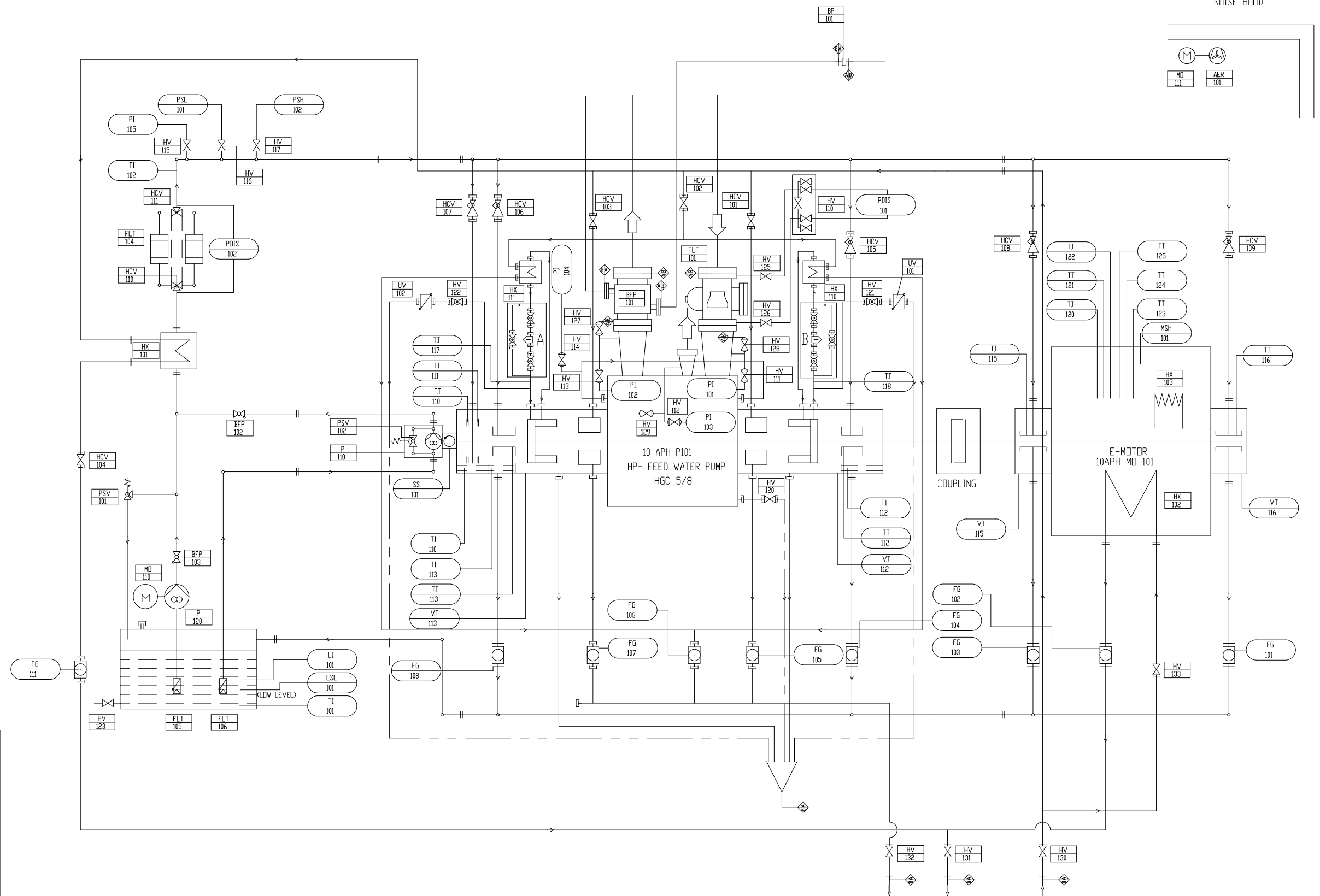
LIEFERUMFANG:
 ZUM KSB LIEFERUMFANG GEHOREN NUR DIE
 DERTLICHEN INSTRUMENTE. BEI INSTRUMENTEN
 ZUR FERNUEBERWACHUNG LIEFERT KSB DAS
 GEBERGERAET, EINEN LOKALEN KLEMMENKASTEN
 UND DIE VERKABELUNG ZWISCHEN GEBERGERAET
 UND KLEMMENKASTEN.

SCOPE OF SUPPLY:
 KSB'S SCOPE OF SUPPLY IS LIMITED TO LOCAL
 INSTRUMENTS. IN THE CASE OF INSTRUMENTS
 TO ALLOW REMOTE MONITORING, KSB SUPPLIES TRANSDUCER,
 LOCAL TERMINAL BOX AND CABLING BETWEEN THEM.

REFERENCE LIST OF MEASURING POINTS : UM734486 02-08

REFERENCE LIST OF VALVES : UL734487 01-09

THE TAG NUMBERS ARE VALID FOR
THE PUMPS 10Aph P101 + 10Aph P201



- A**
- HV 105
 - FLT 103
 - HV 104
 - HV 106
- B**
- HV 102
 - FLT 102
 - HV 101
 - HV 103

REV	DATE	AUTH.	CHECK BY	APPR. BY	MODIFICATIONS	STATUS
C	15.10.02	WOLF	BEIERSD.		REVALACALSTON COMMENTS	FUS
B	21.08.02	WOLF	BEIERSD.		REVALACALSTON COMMENTS	FUS
A	20.06.02	WOLF	BEIERSD.		FIRST ISSUE	PRE

SCALE:	SUPPLIER NAME:	Nr:
SIZE:		SPECIFICATION No:

COLBUN

CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2
CHILE

ALSTOM STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS

P+I - DIAGRAM
HP BOILER FEEDWATER PUMPS
10APH P101 / P201

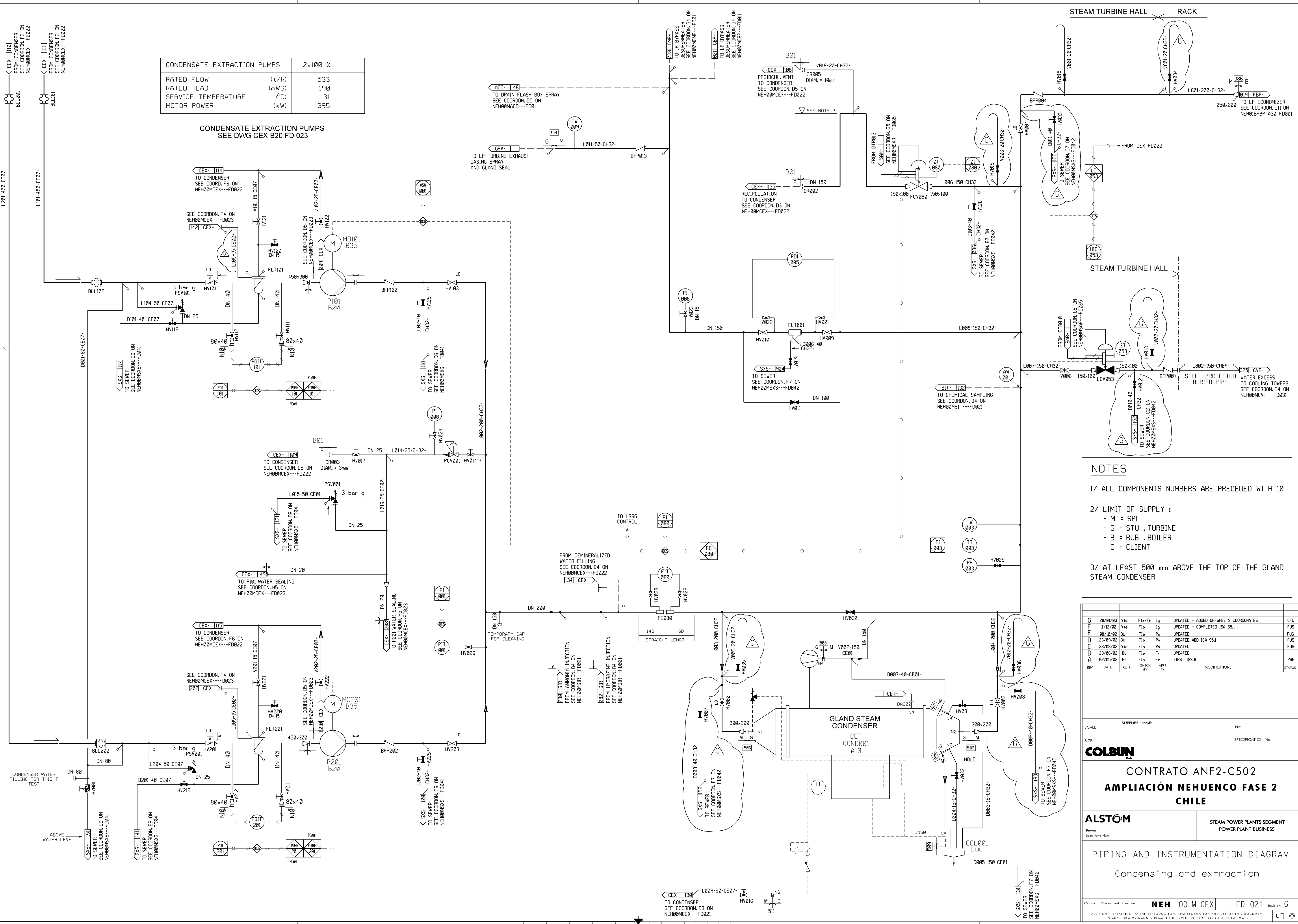
Continued Document Number: 01 M B30 - FD 001 Rev: 1/01

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KENNWORT CODE WORD	NEHUENCO - ALSTOM POWER	ZUGEHÖRIGE UNTERLAGE: RELEVANT DOCUMENT:	EINZELTEILVERZEICHNIS IES AUFTRAGES (ORDER-NUMBER) PART LIST OF ORDER NUMBER	BAUREIHE/GRÖSSE TYPE/SIZE	HG 5	CAD
BESTELL NR. PURCH ORDER NO.	6575800019	GEPR. APPROVED	2002-10-15	WOLF	BEIERSD.	TEILE-NR. PART-NO.
AUFTRAGS NR. ORDER NO.	9970281893	GEPR. PREPARED	02/REV.	WOLF	BEIERSD.	123
WERKS NR. WORKS	MAGINA 271/377	GEPR. APPROVED	2002-06-20	WOLF	BEIERSD.	BLATT-NR. SHEET-NO.
		GEPR. PREPARED	2002-06-20	WOLF	BEIERSD.	1
		DATE	DATE	DATE	DATE	VON/VF
						1

CONDENSATE EXTRACTION PUMPS		2x100 %
RATED FLOW	(t/h)	533
RATED HEAD	(mWG)	190
SERVICE TEMPERATURE	(°C)	31
MOTOR POWER	(kW)	395

CONDENSATE EXTRACTION PUMPS
SEE DWG CEX B20 FD 023



NOTES

- 1/ ALL COMPONENTS NUMBERS ARE PRECEDED WITH 10
- 2/ LIMIT OF SUPPLY :
 - M = SPL
 - G = STU . TURBINE
 - B = BUB . BOILER
 - C = CLIENT
- 3/ AT LEAST 500 mm ABOVE THE TOP OF THE GLAND STEAM CONDENSER

REV	DATE	AUTH.	CHECK BY	APPR. BY	MODIFICATIONS	STATUS
G	28/01/03	Vie	F1a/Fr	Ig	UPDATED + ADDED OFFSHEETS COORDINATES	CFC
F	11/12/02	Vie	F1a	Ig	UPDATED + COMPLETED ISA 55.1	FUS
E	08/10/02	Bb	F1a	Ps	UPDATED	FUS
D	26/09/02	Bb	F1a	Ps	UPDATED, ADD ISA 55.1	FUS
C	28/03/02	Vie	F1a	Ps	UPDATED	FUS
B	28/06/02	Bb	F1a	Fr	UPDATED	FUS
A	02/05/02	Ra	Fr	Fr	FIRST ISSUE	PRE

SCALE: _____ SUPPLIER NAME: _____

SIZE: _____ SPECIFICATION No: _____

COLBUN

CONTRATO ANF2-C502

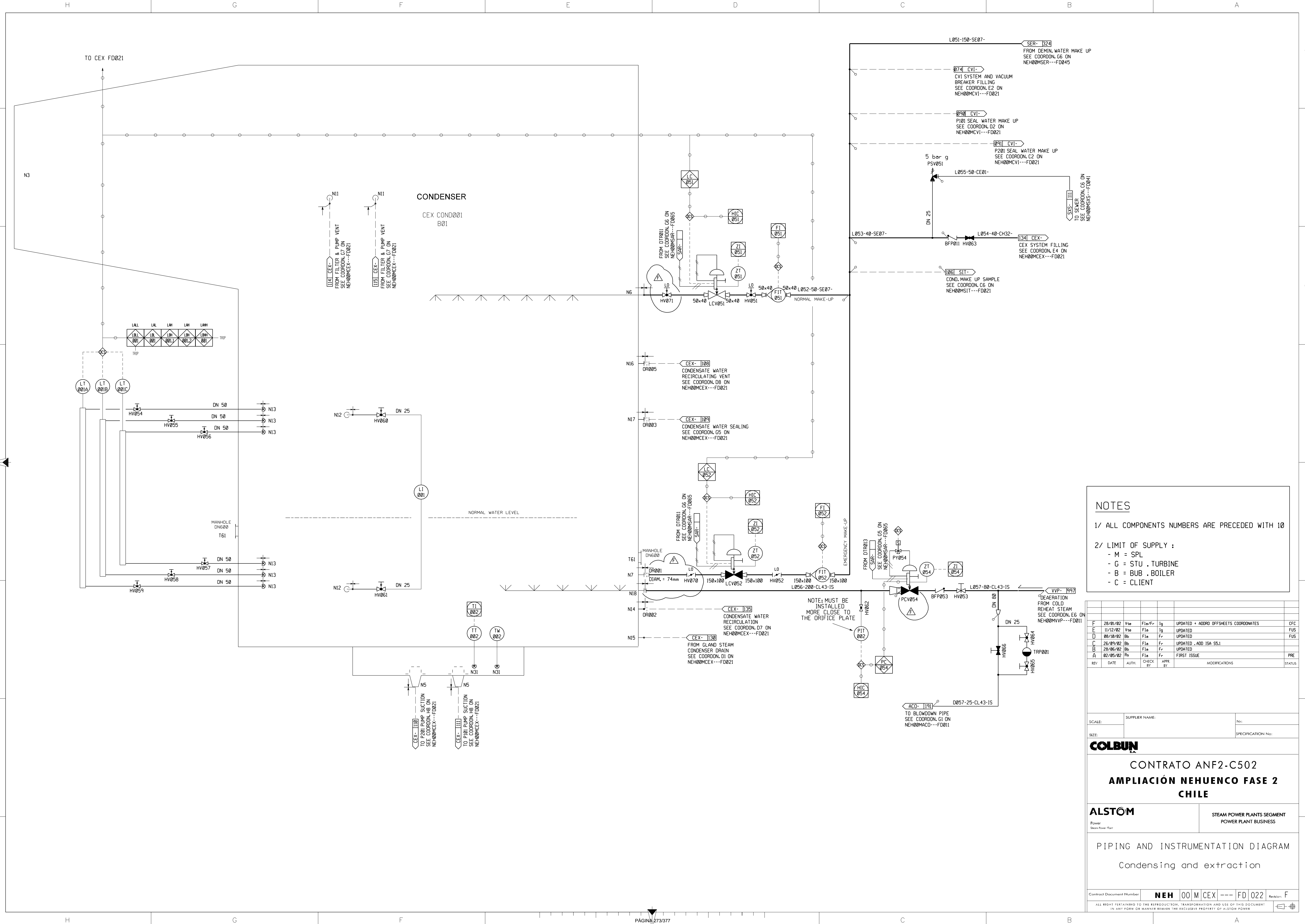
AMPLIACIÓN NEHUENCO FASE 2 CHILE

ALSTOM STEAM POWER PLANTS SEGMENT
POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
Condensing and extraction

Contract Document Number: **NEH 00 M CEX --- FD 021** Revision: **G**

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NOTES

1/ ALL COMPONENTS NUMBERS ARE PRECEDED WITH 10

2/ LIMIT OF SUPPLY :

- M = SPL
- G = STU . TURBINE
- B = BUB . BOILER
- C = CLIENT

REV	DATE	AUTH.	CHECK BY	APPR. BY	MODIFICATIONS	STATUS
F	28/01/02	Vte	Fla/Fr	Ig	UPDATED + ADDO OFFSHEETS COORDINATES	CFC
E	11/12/02	Vte	Fla	Ig	UPDATED	FUS
D	08/10/02	Bb	Fla	Fr	UPDATED	FUS
C	26/09/02	Bb	Fla	Fr	UPDATED . ADD ISA 55.1	
S	28/05/02	Bb	Fla	Fr	UPDATED	
A	02/05/02	Ra	Fla	Fr	FIRST ISSUE	PRE

SCALE: _____ SUPPLIER NAME: _____

SIZE: _____ SPECIFICATION No: _____

COLBUN

CONTRATO ANF2-C502

AMPLIACIÓN NEHUENCO FASE 2

CHILE

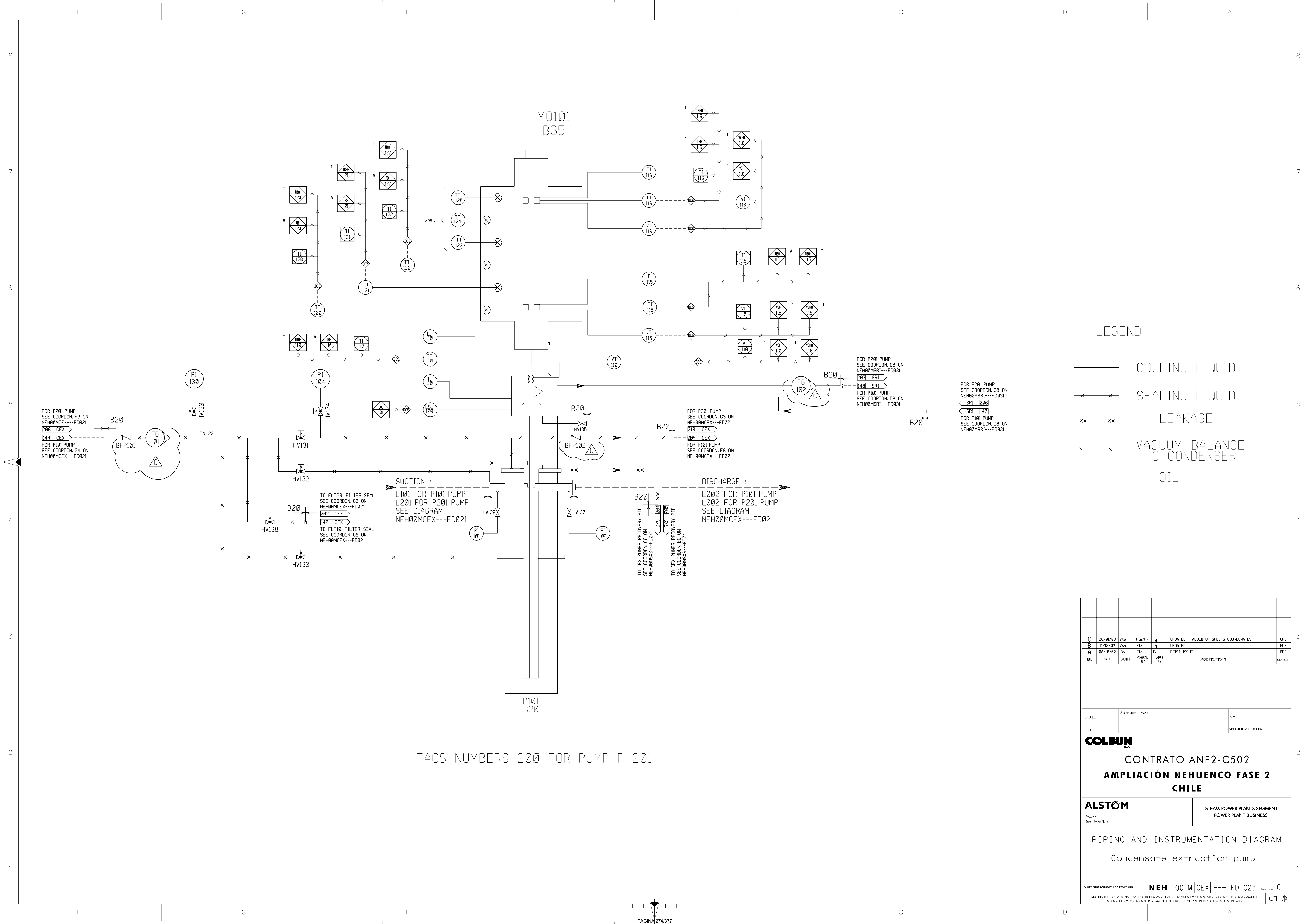
ALSTOM Power Steam Power Plant

STEAM POWER PLANTS SEGMENT
POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
Condensing and extraction

Contract Document Number: **NEH 00 M CEX --- FD 022** Revision: **F**

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LEGEND

- COOLING LIQUID
- X — SEALING LIQUID
- X — X — LEAKAGE
- VACUUM BALANCE TO CONDENSER
- OIL

C	28/01/03	Vte	Fila	Ig	UPDATED + ADDED OFFSHEETS COORDINATES	CFC
B	11/12/02	Vte	Fila	Ig	UPDATED	FUS
A	08/10/02	Bb	Fila	Fr	FIRST ISSUE	PRE
REV	DATE	AUTH.	CHECK BY	APPR. BY	MODIFICATIONS	STATUS

SCALE: _____ SUPPLIER NAME: _____ Nr: _____

SIZE: _____ SPECIFICATION No: _____

COLBUJ

CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2
CHILE

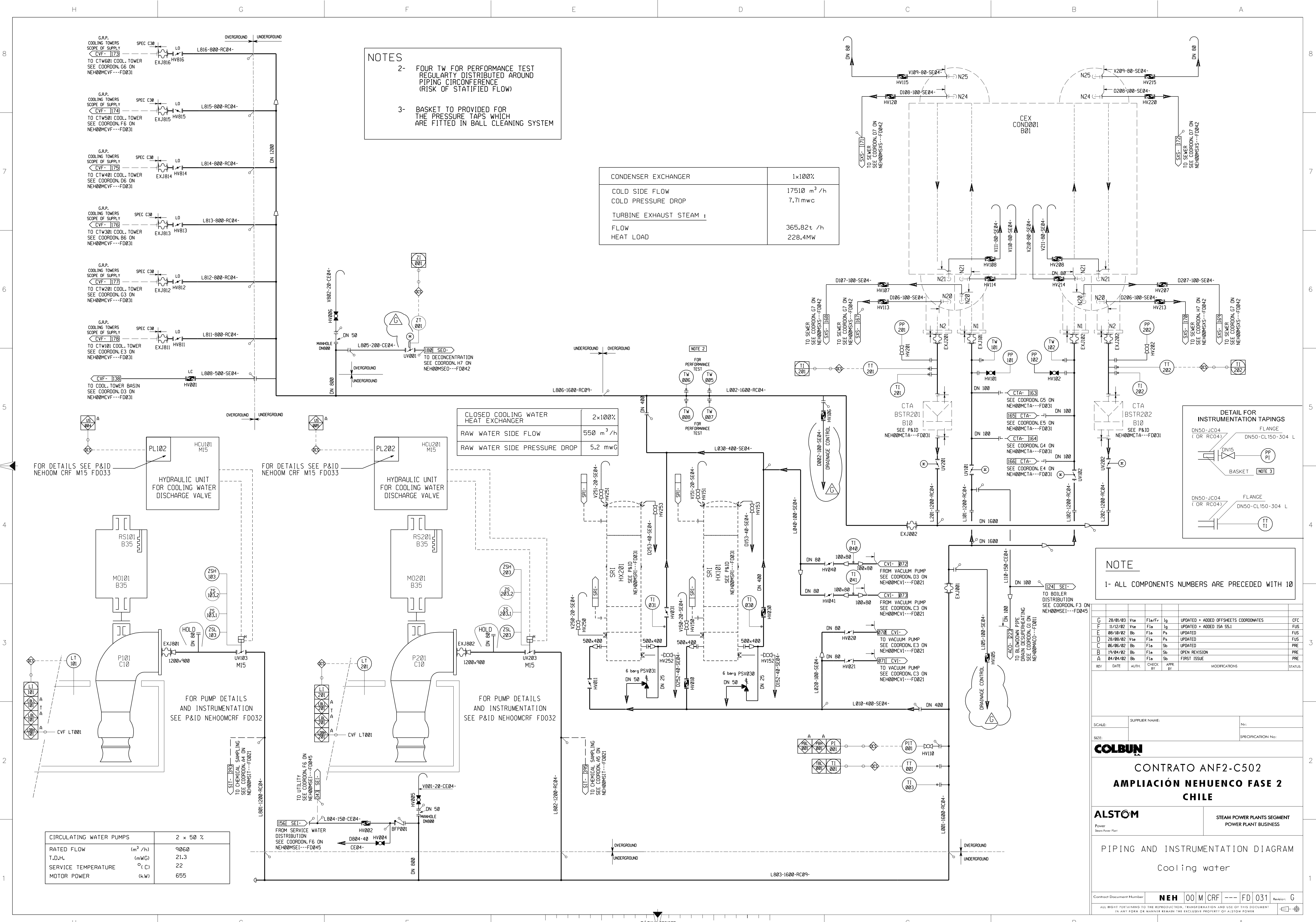
ALSTOM STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
 Condensate extraction pump

Contract Document Number: **NEH 00 M CEX --- FD 023** Revision: **C**

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TAGS NUMBERS 200 FOR PUMP P 201



NOTES

2- FOUR TW FOR PERFORMANCE TEST REGULARLY DISTRIBUTED AROUND PIPING CIRCUMFERENCE (RISK OF STATIFIED FLOW)

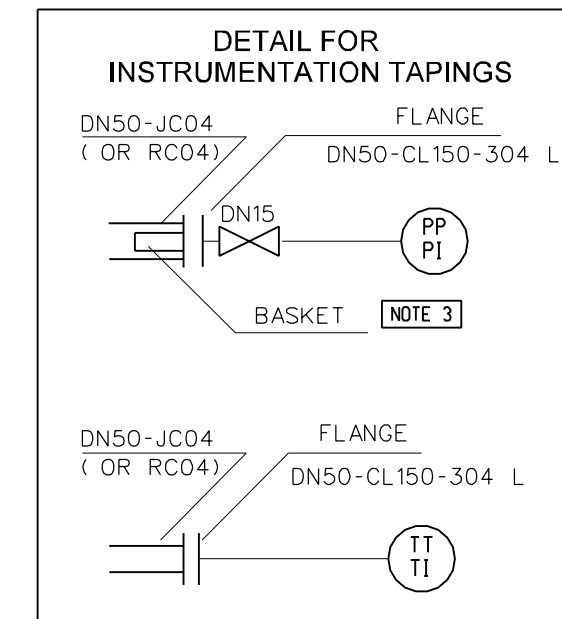
3- BASKET TO PROVIDED FOR THE PRESSURE TAPS WHICH ARE FITTED IN BALL CLEANING SYSTEM

CONDENSER EXCHANGER	1x100%
COLD SIDE FLOW	17510 m ³ /h
COLD PRESSURE DROP	7.71 mwc
TURBINE EXHAUST STEAM :	
FLOW	365.82 t /h
HEAT LOAD	228.4MW

CLOSED COOLING WATER HEAT EXCHANGER	2x100%
RAW WATER SIDE FLOW	550 m ³ /h
RAW WATER SIDE PRESSURE DROP	5.2 mwg

NOTE

1- ALL COMPONENTS NUMBERS ARE PRECEDED WITH 10



CIRCULATING WATER PUMPS	2 x 50 %
RATED FLOW	(m ³ /h) 9060
T.D.H.	(mWG) 21.3
SERVICE TEMPERATURE	(°C) 22
MOTOR POWER	(kW) 655

REV	DATE	AUTH.	CHECK BY	APPR BY	MODIFICATIONS	STATUS
G	28/01/03	Yse	Flo/Fr	Ig	UPDATED + ADDED OFFSHEETS COORDINATES	CFC
F	11/12/02	Yse	Flo	Ig	UPDATED + ADDED ISA 55.1	FUS
E	08/10/02	Bb	Flo	Ig	UPDATED	FUS
D	28/09/02	Yse	Flo	Ig	UPDATED	FUS
C	06/06/02	Bb	Flo	Sb	UPDATED	PRE
B	19/04/02	Bb	Flo	Sb	OPEN REVISION	PRE
A	04/04/02	Bb	Check	APPR	FIRST ISSUE	PRE

SCALE: _____ SUPPLIER NAME: _____

SIZE: _____ SPECIFICATION No: _____

COLBUN

CONTRATO ANF2-C502

AMPLIACION NEHUENCO FASE 2 CHILE

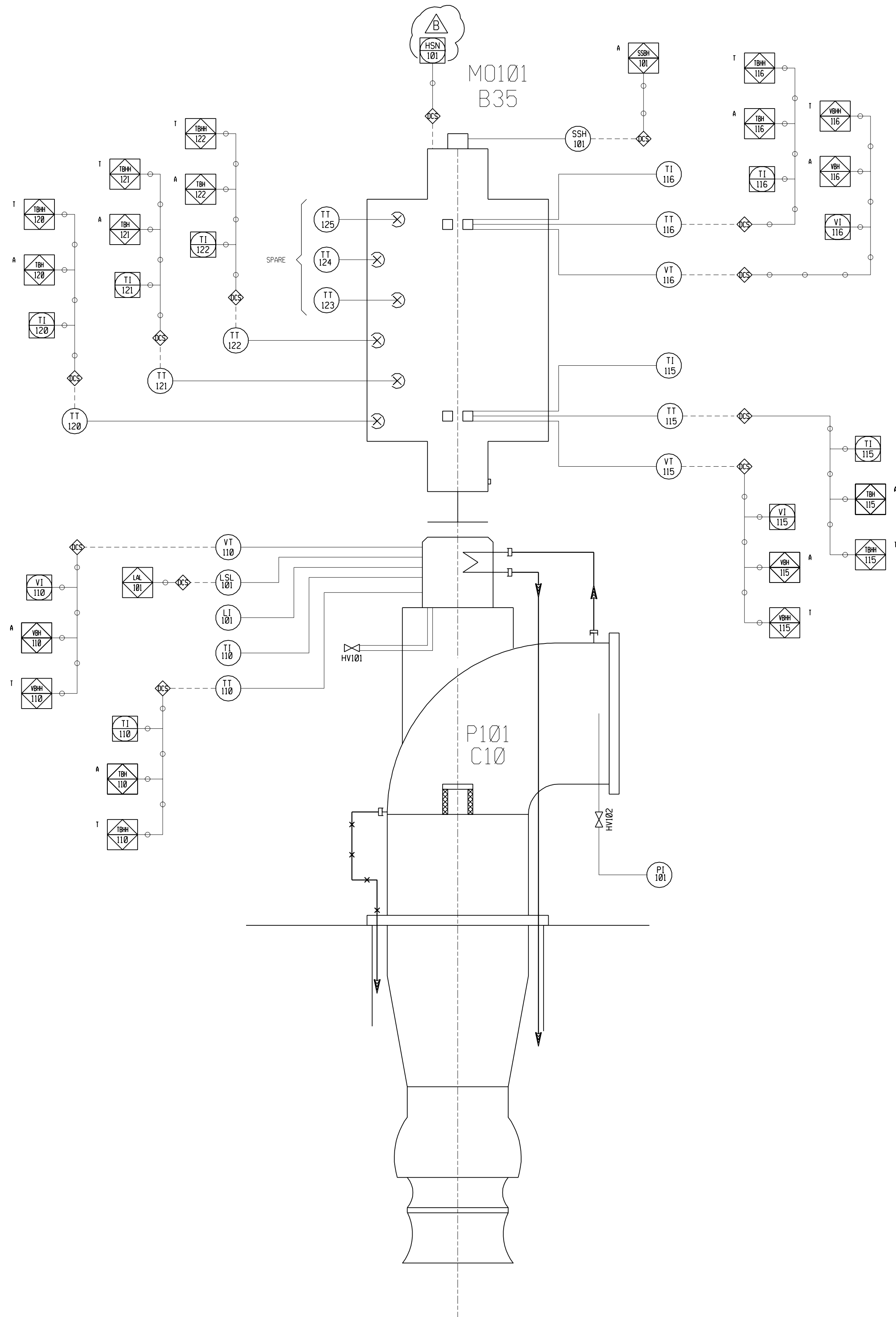
ALSTOM STEAM POWER PLANTS SEGMENT POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM

Cooling water

Contract Document Number: **NEH 00 M CRF --- FD 031** Revision: **G**

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LEGEND

———— COOLING WATER

—x—x— LEAKAGE

==== OIL

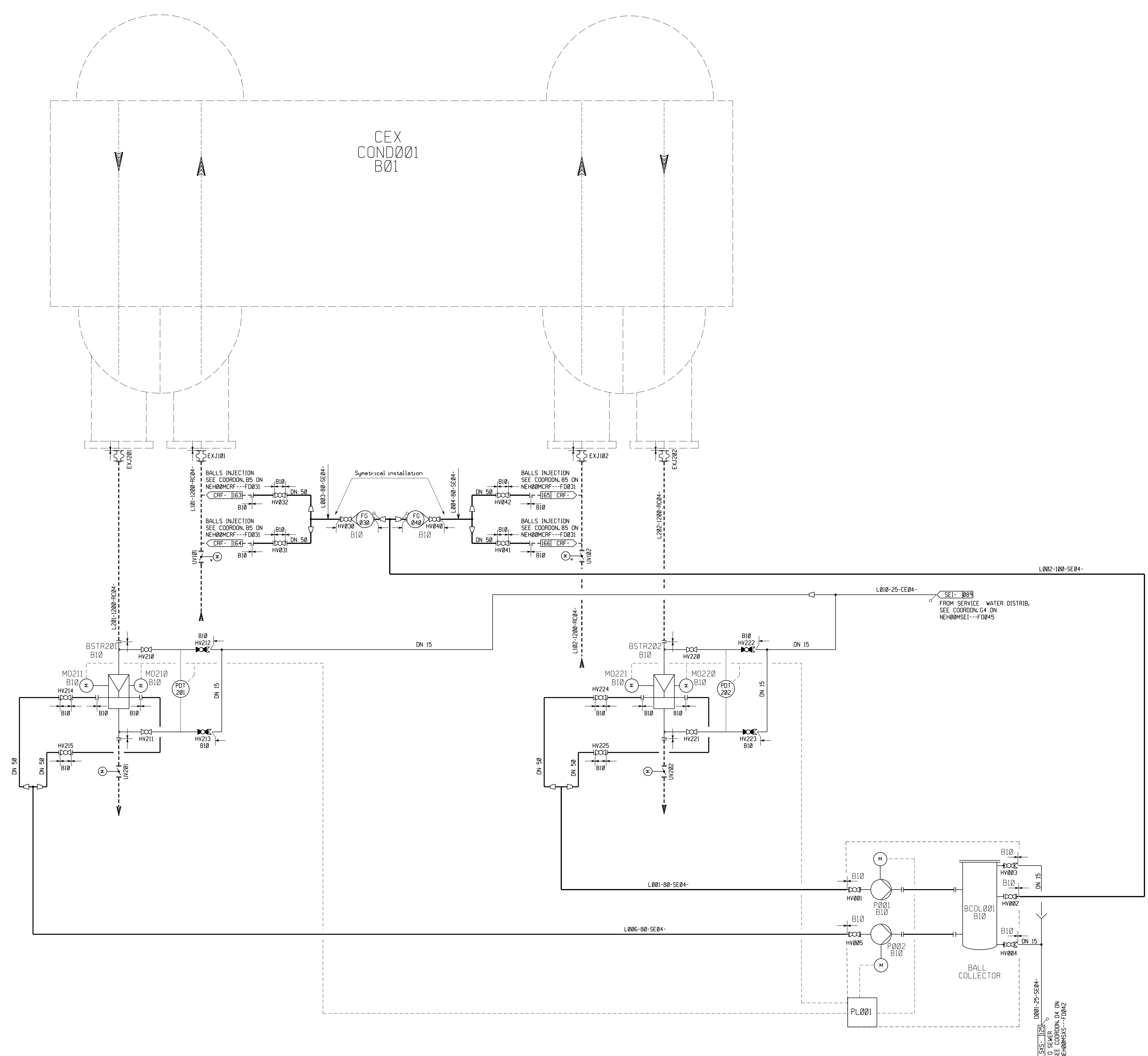
- - - - - DRAIN / VENTING

TAGS NUMBERS 200 FOR PUMP P 201

REFERENCE LIST OF MEASURING POINTS : UM73448102-04 / NEH 01 M---C10 FD 002

REFERENCE LIST OF VALVES : UM73448201-02 / NEH 01 M---C10 FD 003

B		28/01/03	Vte	Fla/Fr	Ig	UPDATED	CFC
A		08/10/02	Sb	Fla	Sb	FIRST ISSUE	PRE
REV	DATE	AUTH.	CHECK BY	APPR. BY	MODIFICATIONS	STATUS	
SCALE:		SUPPLIER NAME:		Nº:			
SIZE:		SPECIFICATION No.:					
COLBUN							
CONTRATO ANF2-C502							
AMPLIACIÓN NEHUENCO FASE 2							
CHILE							
ALSTOM		STEAM POWER PLANTS SEGMENT POWER PLANT BUSINESS					
PIPING AND INSTRUMENTATION DIAGRAM							
Cooling water pump							
Contract Document Number		NEH 00 M CRF --- FD 032		Revision		B	
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NOTE
ALL COMPONENTS NUMBERS ARE PRECEDED WITH 10

REV	DATE	AUTH.	CHECK BY	APPR. BY	MODIFICATIONS	STATUS
C	28/01/03	Vto	Fla/Fr	Ig	ADDED OFFSHEETS COORDINATES + ISA 55.1	CFC
B	11/12/02	Vto	Fla/Fr	Ig	UPDATED	FUS
A	07/08/02	Bb	Fla	Sb	FIRST ISSUE	PRE

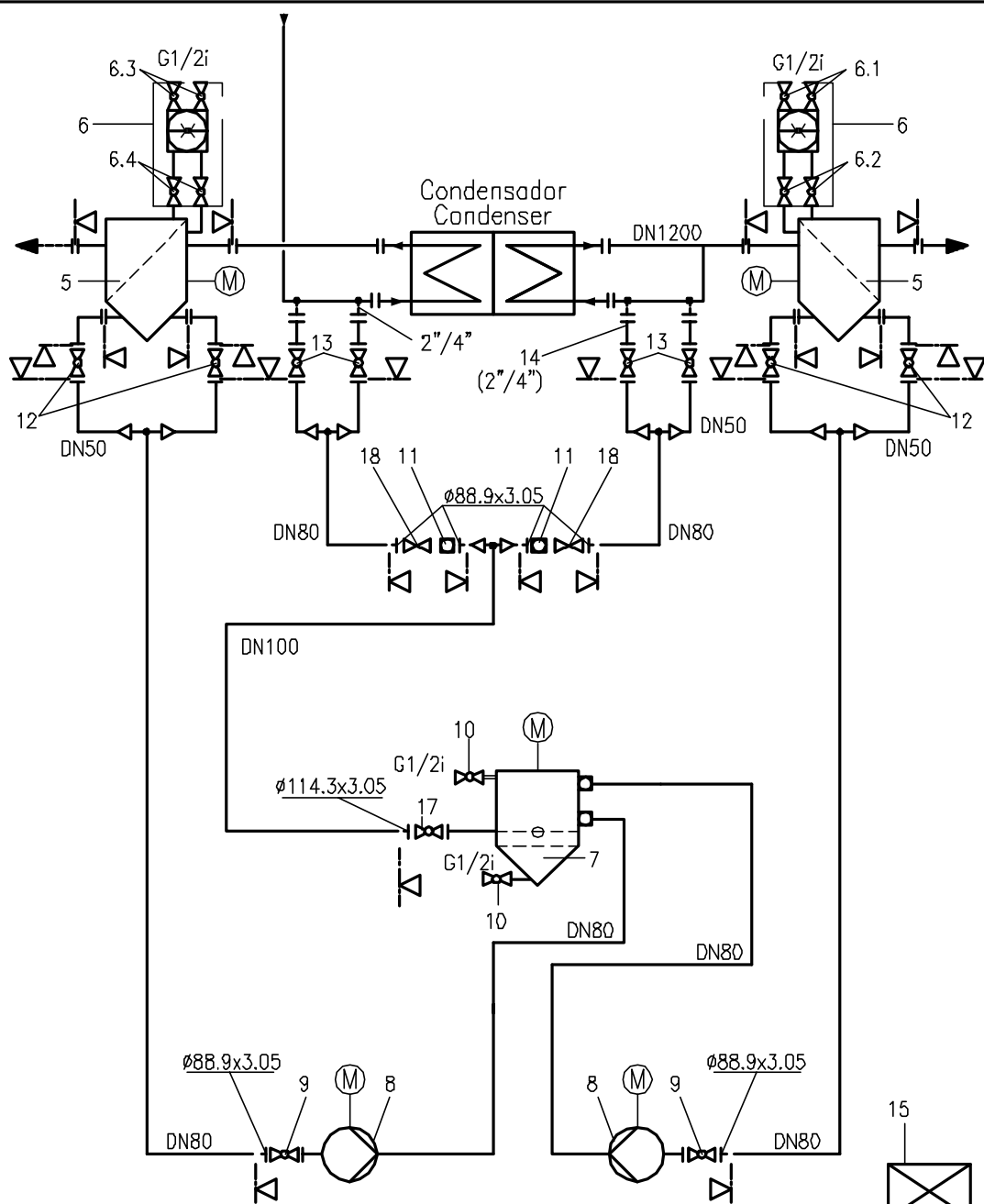
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SIZE: _____ SPECIFICATION No: _____

COLBUN
CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2
CHILE

ALSTOM Power Steam Plant
STEAM POWER PLANTS SEGMENT
POWER PLANT BUSINESS

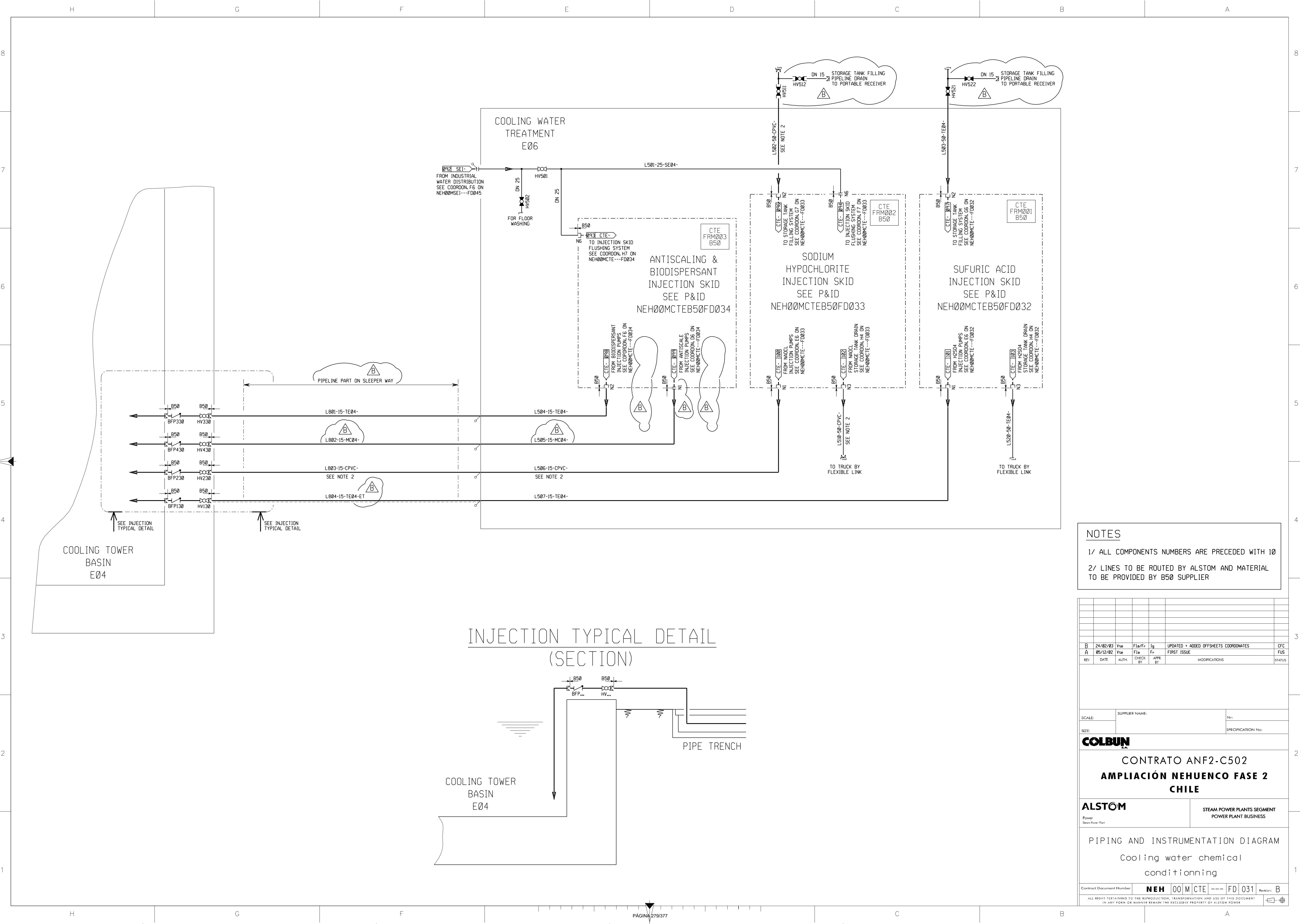
PIPING AND INSTRUMENTATION DIAGRAM
Condenser continuous cleaning

Contract Document Number **NEH 00 M CTA --- FD 031** Revision: **C**
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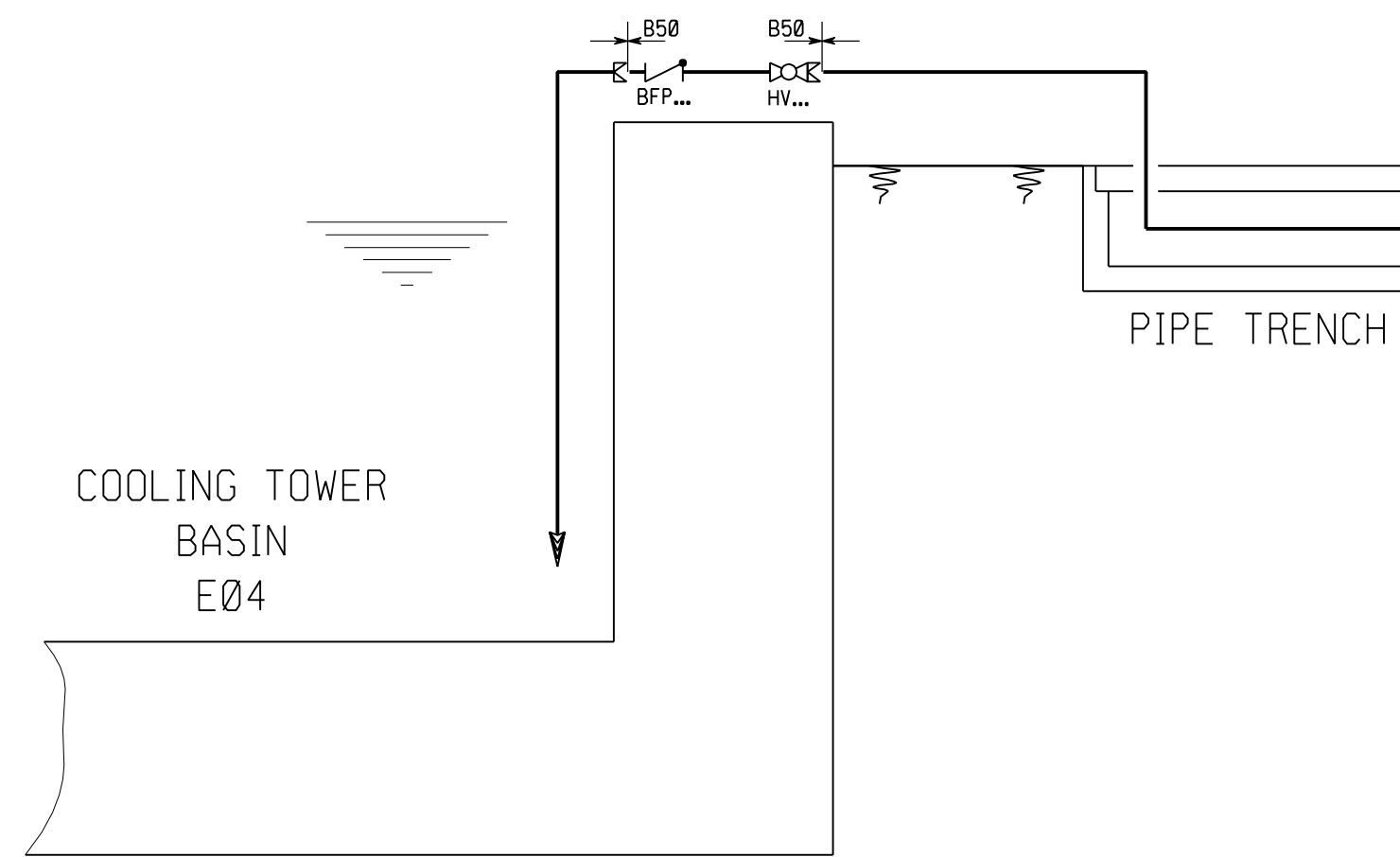


Id.-Nr.	Pos	Denominación Part name		Num. Q'tity	Material Material
M-01-B10-C001	5	Instalación de cribado Strainer section (Screen)	BSTR201 BSTR202	2	
M-01-B10-H001	6	Monitorio de instalación de cribado Screen monitor	PDT201 PDT202	2	
M-01-B10-H001	6.1	Válvula esférica Ball valve	HV212 HV213	2	Latón/niquelar
M-01-B10-C001	6.2	Válvula esférica Ball valve	HV210 HV211	2	Latón/niquelar
M-01-B10-H001	6.3	Válvula esférica Ball valve	HV222 HV223	2	Latón/niquelar
M-01-B10-C001	6.4	Válvula esférica Ball valve	HV220 HV221	2	Latón/niquelar
M-01-B10-C002	7	Colector Collector	BC0L001	1	
M-01-B10-C002	8	Instalación de bombeo Pump	P001 P002	2	
M-01-B10-L002	9	Válvula esférica Ball valve	HV001, HV005	2	Fundicion gris Bola - Acero fino
M-01-B10-C002	10	Válvula de manguito Socket-ball-valve	HV003 HV004	2	Latón/niquelar
M-01-B10-EDD1	11	Mirilla de control Sight glass	FG030 FG040	2	
M-01-B10-L001	12	Válvula esférica Ball valve	ANSI 150 lbs HV214, HV215 HV224, HV225	4	Acero
M-01-B10-L001	13	Válvula esférica Ball valve	ANSI 150 lbs HV031, HV032 HV041, HV042	4	Acero
M-01-B10-D001	14	Entrada de bola Ball injection nozzle		4	
M-01-B10-C002	15	Armario de distribución Control panel		1	
	16				
M-01-B10-L003	17	Válvula esférica Ball valve	HV002	1	Fundicion gris Bola - Acero fino
M-01-B10-L004	18	Válvula de cierre Gate valve	HV030 HV040	2	Fundicion gris
	19				
	20				

Breiter	11.02	Friebe	09.02	Breiter	08.02	Friebe	08.02	Lern	07.99
Ident. no.	4	Item 12	3	Ident number	2	Counter flange	1	Spillarmatur ergänzt	1
Rev	4	Änderung	1	Datum	07.99	Name	Lern		
Maßstab		Name		Datum					
Format	A4	AutoCAD	Friebe	10.01					
Titel		Diagrama de circulación Flow diagram			Zeichnung-Nr.		K02206-3		
Condensador instalación limpiadora Condenser Tube Cleaning System		Blatt		1		von		1	
		Gehört zu		Entstanden aus		Schutzvermerk nach DIN 34 beachten ! This document is private and confidential !			



INJECTION TYPICAL DETAIL
(SECTION)



NOTES

1/ ALL COMPONENTS NUMBERS ARE PRECEDED WITH 10

2/ LINES TO BE ROUTED BY ALSTOM AND MATERIAL TO BE PROVIDED BY B50 SUPPLIER

REV	DATE	AUTH	CHECK BY	APPR BY	MODIFICATIONS	STATUS
B	24/02/03	Vte	Fla/Fr	Ig	UPDATED + ADDED OFFSHEETS COORDINATES	CFC
A	05/12/02	Vte	Fla	Fr	FIRST ISSUE	FUS

SCALE: _____ SUPPLIER NAME: _____

SIZE: _____ SPECIFICATION No: _____

COLBUN

CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2
CHILE

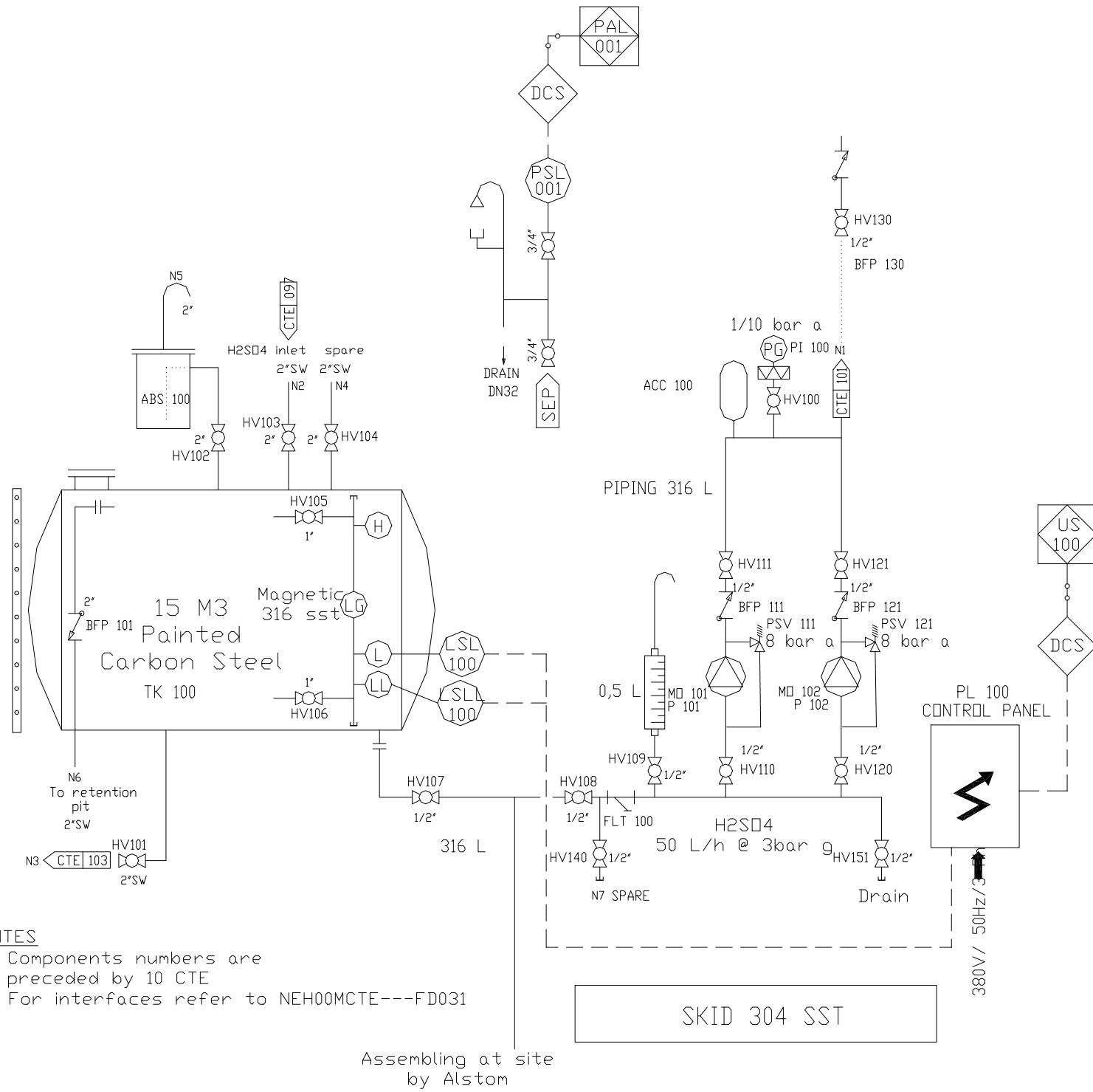
ALSTOM Power Steam Power Plant STEAM POWER PLANTS SEGMENT POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
Cooling water chemical conditioning

Contract Document Number: **NEH 00 M CTE --- FD 031** Revision: **B**

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EMERGENCY SHOWER



- NOTES**
- 1) Components numbers are preceded by 10 CTE
 - 2) For interfaces refer to NEH00MCTE---FD031

Assembling at site by Alstom

Tolérances générales	Dimensions linéaire					Angulaires ±1°	Tolérances géométriques			
	<30 ±0.5	30 à 315 ±1	315 à 1000 ±1.5	1000 à 3000 ±2	3000 à 6000 ±5		⊥ 1	≡ 1	/ 0.2	⊙ 0.2

02	05/05/03	D.RENAUX	T.PETIT	IN ACCORDING WITH YOUR COMMENT FROM DATED : 11/02/03	
01	03/12/02	SETI	SETI	MISE A JOUR	
Revision	Date	Dessine	Verifie	Texte de la modification	
00	03/10/02	D.RENAUX	T.PETIT	ORIGINAL	/

COOLING WATER CHEMICAL
CONDITIONING - PID
SULFURIC ACID



N° Modif
Verifie
T.P
Dessine
D.R
SIGNATURES
REVISION
02

Propriete exclusive - Communication et reproduction interdites.

A3

C02.25629.31.4

REV	DATE	AUTH.	CHECK BY	APPR. BY	MODIFICATIONS	STATUS
C	05/05/03	D.R	T.P	JMR	IN ACCORDING WITH YOUR COMMENT	FUS
B	16/01/03	Y.G	--	--	UPDAED WITH TAG NUMBERS	FUS
A	03/10/02	PJM	DP	JMR	Preliminary	PRE

SCALE: /	SUPPLIER NAME:	Nr: C02-25629/31/4
SIZE: A3		SPECIFICATION No: B50



CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2
CHILE



STEAM POWER PLANTS SEGMENT
POWER PLANT BUSINESS

Power
Steam Power Plant

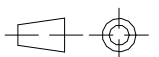
COOLING WATER CHEMICAL CONDITIONING

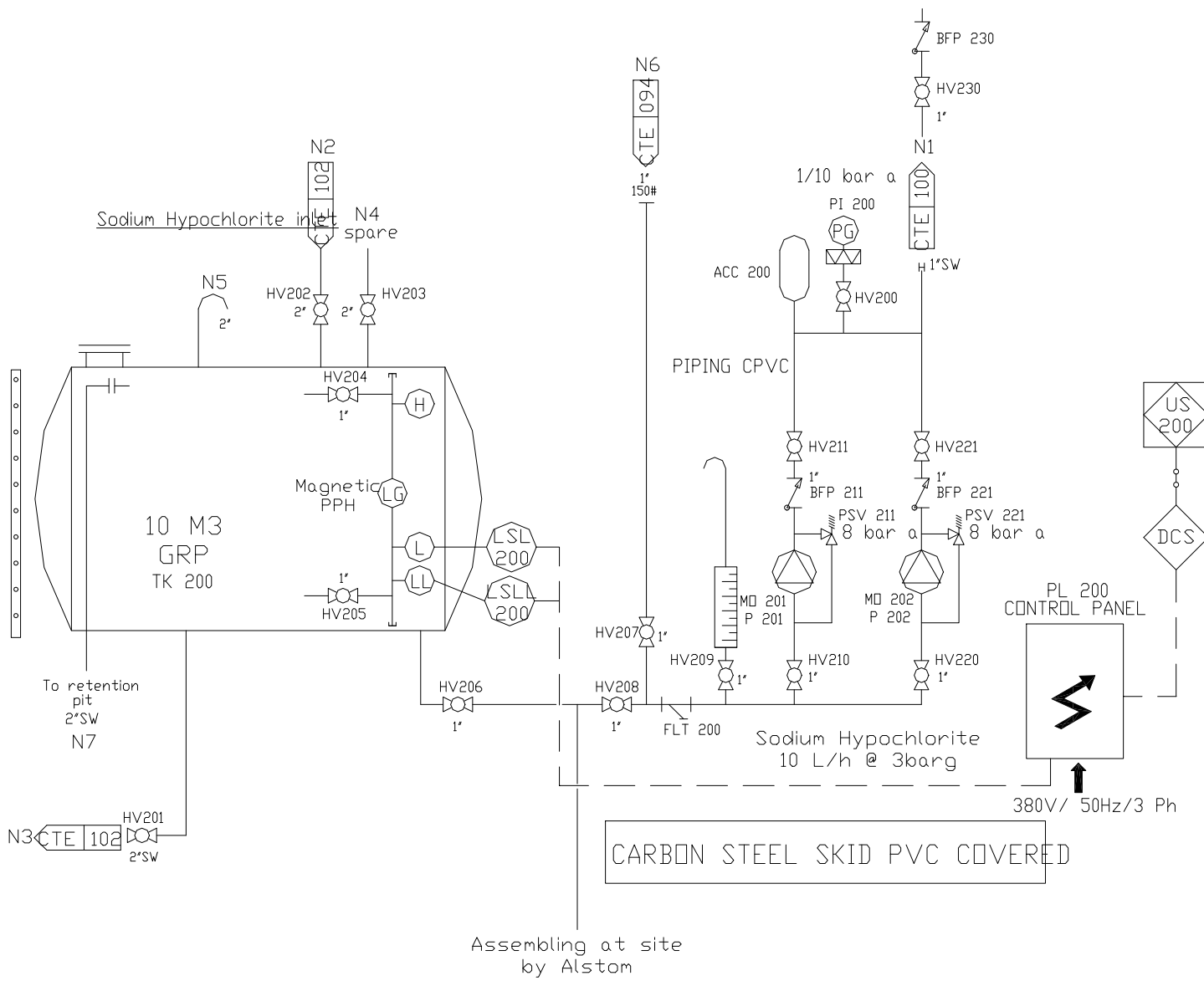
PID

SULFURIC ACID

Contract Document Number	NEH	00	M	CTE	B50	FD	032	Revision: C
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NOTES

- 1) Components numbers are preceded by 10 CTE
- 2) For interfaces refer to NEH00MCTE---FD031

Tolérances générales	Dimensions linéaire					Angulaires ±1°	Tolérances géométriques			
	<30 ±0.5	30 à 315 ±1	315 à 1000 ±1.5	1000 à 3000 ±2	3000 à 6000 ±5		⊥ 1	≡ 1	/ 0.2	⊙ 0.2

Revision	Date	Dessine	Verifie	Texte de la modification	N° Modif
02	05/05/03	D.RENAUX	SETI	IN ACCORDING WITH YOUR COMMENT FROM DATED : 11/02/03	
01	03/12/02	SETI	SETI	MISE A JOUR	
00	03/10/02	D.R	T.P	ORIGINAL	/

<p>COOLING WATER CHEMICAL CONDITIONING - PID SODIUM HYPOCHLORITE</p>		<p>C02.25629.51.4</p>	<p>SIGNATURES</p>
			<p>REVISION</p>
			<p>02</p>

Propriete exclusive - Communication et reproduction interdites.

A3

REV	DATE	AUTH.	CHECK BY	APPR. BY	MODIFICATIONS	STATUS
C	05/05/03	D.R	T.P	JMR	IN ACCORDING WITH YOUR COMMENT	FUS
B	16/01/03	Y.G			UPDAED WITH TAG NUMBERS	FUS
A	03/10/02	PJM	DP	JMR	Preliminary	PRE

SCALE: /	SUPPLIER NAME:	Nr: C02-25629/51/4
SIZE: A3		SPECIFICATION No: B50



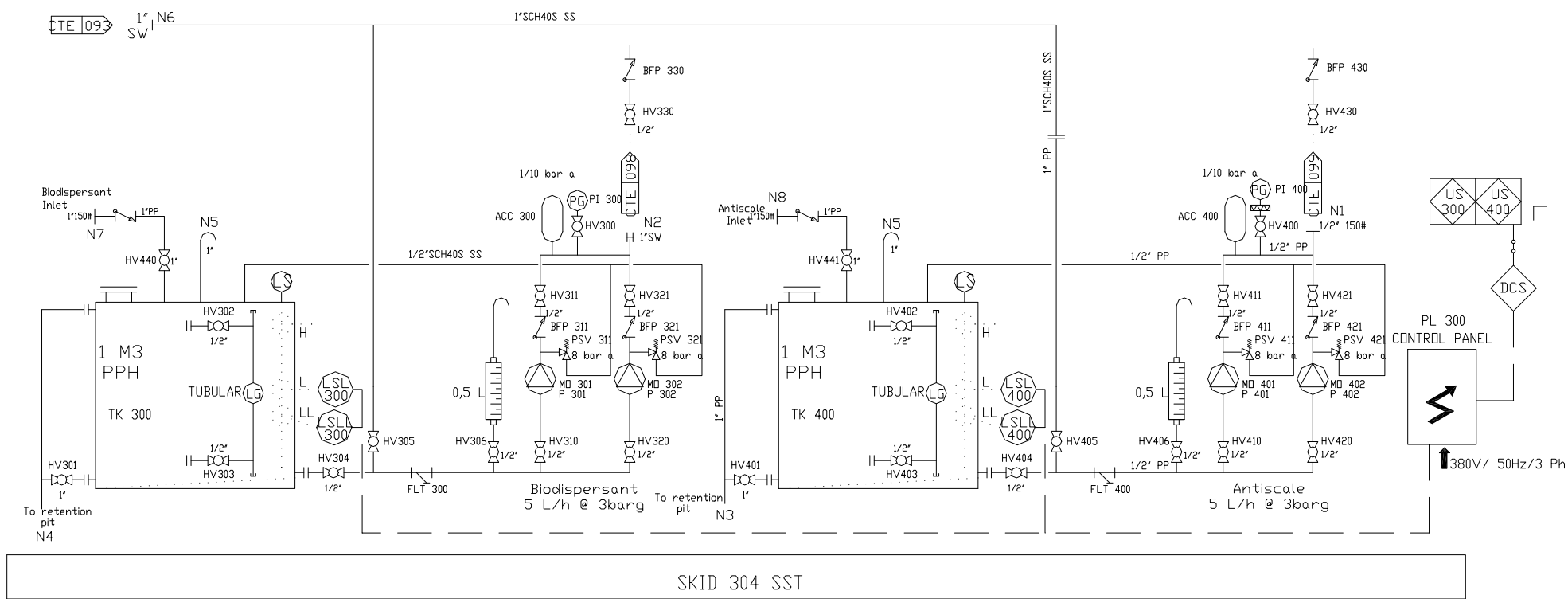
CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2
CHILE

ALSTOM	STEAM POWER PLANTS SEGMENT POWER PLANT BUSINESS
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COOLING WATER CHEMICAL CONDITIONING
PID
SODIUM HYPOCHLORITE

Contract Document Number	NEH	00	M	CTE	B50	FD	033	Revision: C
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NOTES

- 1) Components numbers are preceded by 10 CTE
- 2) For interfaces refer to NEH00MCTE---FD031

Tolérances générales	Dimensions linéaire					Angulaires	Tolérances géométriques			
	<30	30 à 315	315 à 1000	1000 à 3000	3000 à 6000		⊥ 1	≡ 1	/ / 0.2	⊙ 0.2
	± 0.5	± 1	± 1.5	± 2	± 5	$\pm 1'$				
02	05/05/03	D.RENAUX	T.PETIT	IN ACCORDING WITH YOUR COMMENT FROM DATED: 07/03/2003						
01	03/12/02	SETI	SETI	MISE A JOUR						
Revision	Date	Dessine	Verifie	Texte de la modification						
00	03/10/02	D.RENAUX	T.PETIT	ORIGINAL						Observations:
COOLING WATER CHEMICAL CONDITIONING - PID ANTISCALING/BIODISPERSANT										
Propriete exclusive - Communication et reproduction interdites.										
C02.25629.61.4										
SIGNATURES REVISION 02										

REV	DATE	AUTH.	CHECK BY	APPR. BY	MODIFICATIONS	STATUS
C	05/05/03	D.R	T.P	J.M.R	IN ACCORDING WITH YOUR COMMENT	FUS
B	16/01/03	Y.G	--	--	UPDATED WITH NUMBERS	FUS
A	03/10/02	P.J.M	DP	J.M.R	Preliminary	PRE

SCALE: /	SUPPLIER NAME:	Nr: C02-25629/61/4
SIZE: A2		SPECIFICATION No: B50

COLBUN
E.S.A.

CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2
CHILE

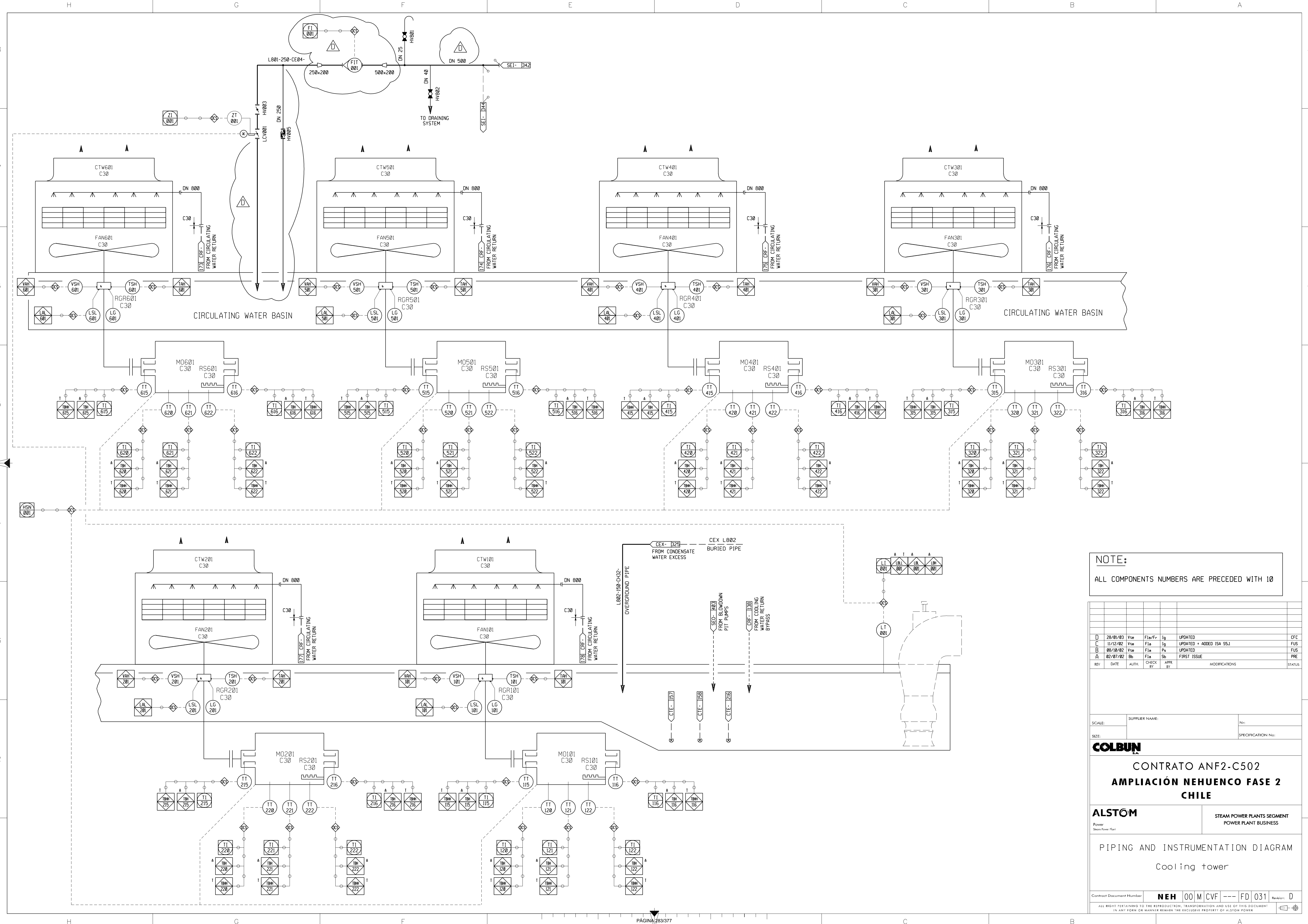
ALSTOM
Power
Steam Power Plant

STEAM POWER PLANTS SEGMENT
POWER PLANT BUSINESS

COOLING WATER CHEMICAL CONDITIONING
PID
ANTISCALING AND BIODISPERSANT

Contract Document Number	NEH	00	M	CTE	B50	FD	034	Revision: C
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NOTE:
ALL COMPONENTS NUMBERS ARE PRECEDED WITH 10

REV	DATE	AUTH.	CHECK BY	APPR. BY	MODIFICATIONS	STATUS
D	28/01/03	Vte	Fla/Fr	Ig	UPDATED	CFC
C	11/12/02	Vte	Fla	Ig	UPDATED + ADDED ISA SS.1	FUS
B	08/10/02	Vte	Fla	Pa	UPDATED	FUS
A	02/07/02	Bb	Fla	Sb	FIRST ISSUE	PRE

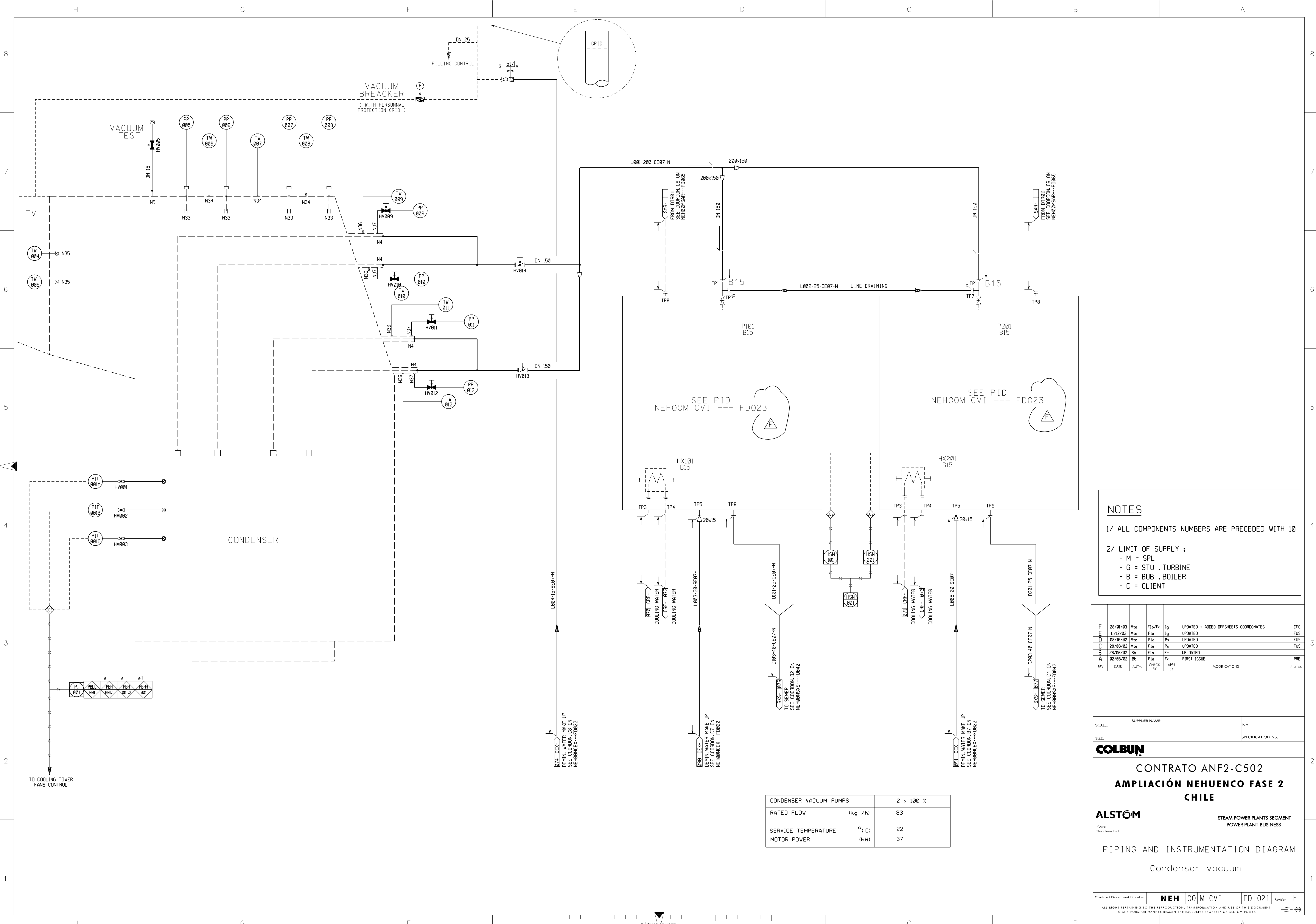
SCALE: _____ SUPPLIER NAME: _____
SIZE: _____ SPECIFICATION No: _____

COLBUN
CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2
CHILE

ALSTOM STEAM POWER PLANTS SEGMENT
POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
Cooling tower

Contract Document Number: **NEH 00 M CVF --- FD 031** Revision: **D**
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NOTES

1/ ALL COMPONENTS NUMBERS ARE PRECEDED WITH 10

2/ LIMIT OF SUPPLY :

- M = SPL
- G = STU . TURBINE
- B = BUB . BOILER
- C = CLIENT

REV	DATE	AUTH	CHECK BY	APPR BY	MODIFICATIONS	STATUS
F	28/01/03	Vta	Fla/Fr	Ig	UPDATED + ADDED OFFSHEETS COORDINATES	CFC
E	11/12/02	Vta	Fla	Ig	UPDATED	FUS
D	08/10/02	Vta	Fla	Pa	UPDATED	FUS
C	28/08/02	Vta	Fla	Pa	UPDATED	FUS
B	28/06/02	Bb	Fla	Fr	UP DATED	PRE
A	02/05/02	Bb	Fla	Fr	FIRST ISSUE	PRE

SCALE: _____ SUPPLIER NAME: _____ Nrc: _____

SIZE: _____ SPECIFICATION No: _____

COLBUN

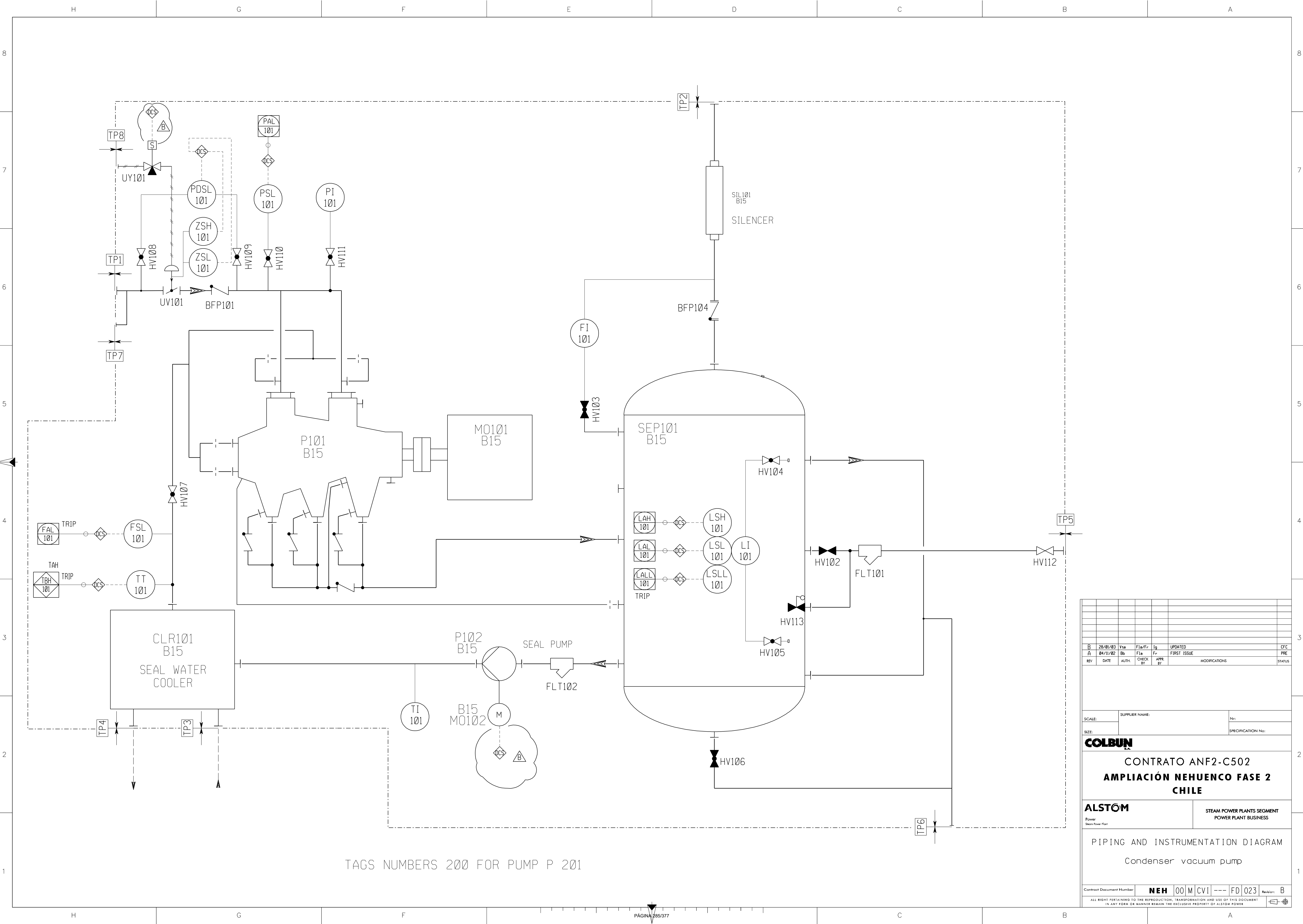
CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2 CHILE

ALSTOM Power Steam Power Plant

STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
 Condenser vacuum

CONDENSER VACUUM PUMPS		2 x 100 %
RATED FLOW	(kg /h)	83
SERVICE TEMPERATURE	°(C)	22
MOTOR POWER	(kW)	37



TAGS NUMBERS 200 FOR PUMP P 201

REV	DATE	AUTH	CHECK BY	APPR BY	MODIFICATIONS	STATUS
B	28/01/03	Vto	Fla/Fr	Ig	UPDATED	CFC
A	04/11/02	Bb	Fla	Fr	FIRST ISSUE	PRE

SCALE:	SUPPLIER NAME:	Nr:
SIZE:	SPECIFICATION No:	
COLBUN		
CONTRATO ANF2-C502		
AMPLIACIÓN NEHUENCO FASE 2		
CHILE		
ALSTOM		STEAM POWER PLANTS SEGMENT
Power		POWER PLANT BUSINESS
PIPING AND INSTRUMENTATION DIAGRAM		
Condenser vacuum pump		
Contract Document Number	NEH 00 M CVI --- FD 023	
Revision:	B	

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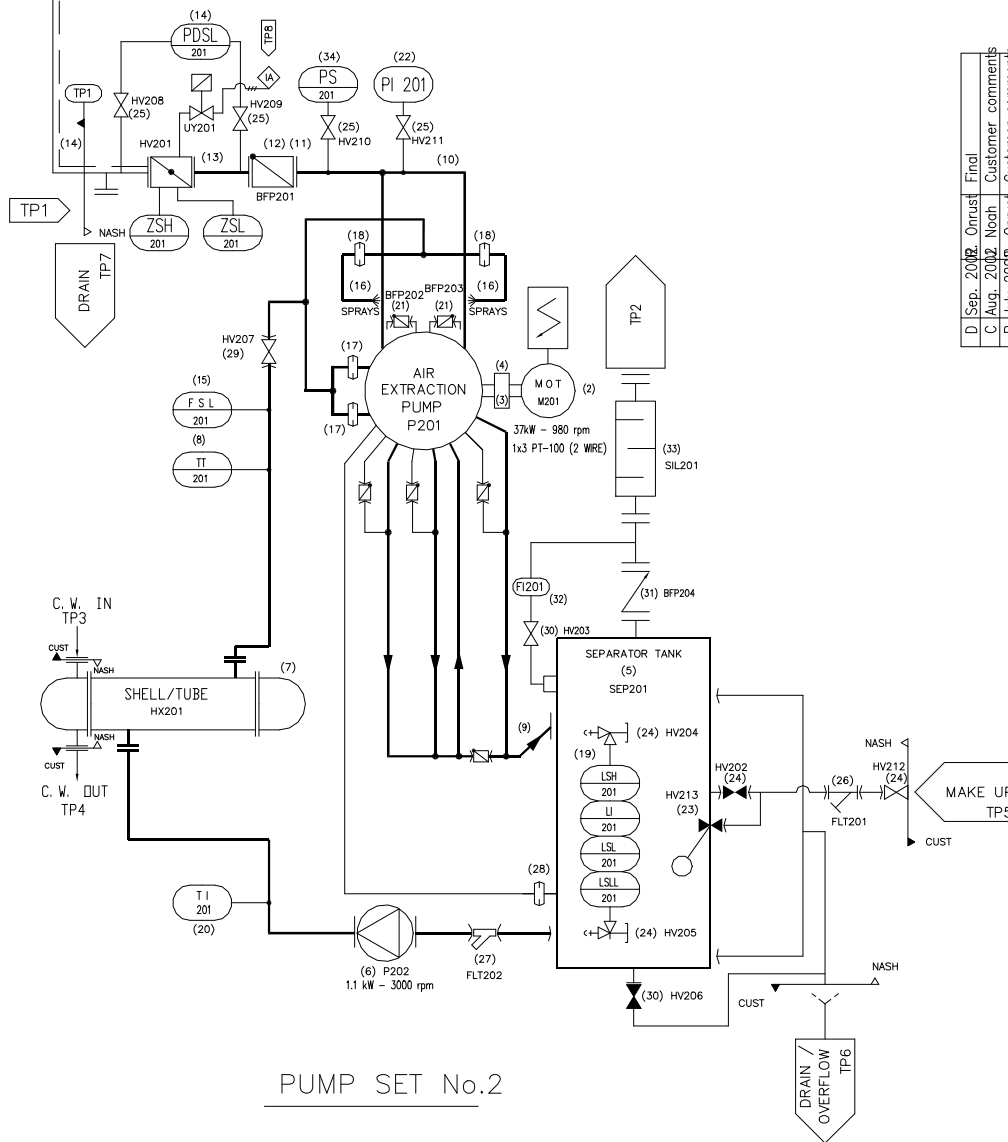
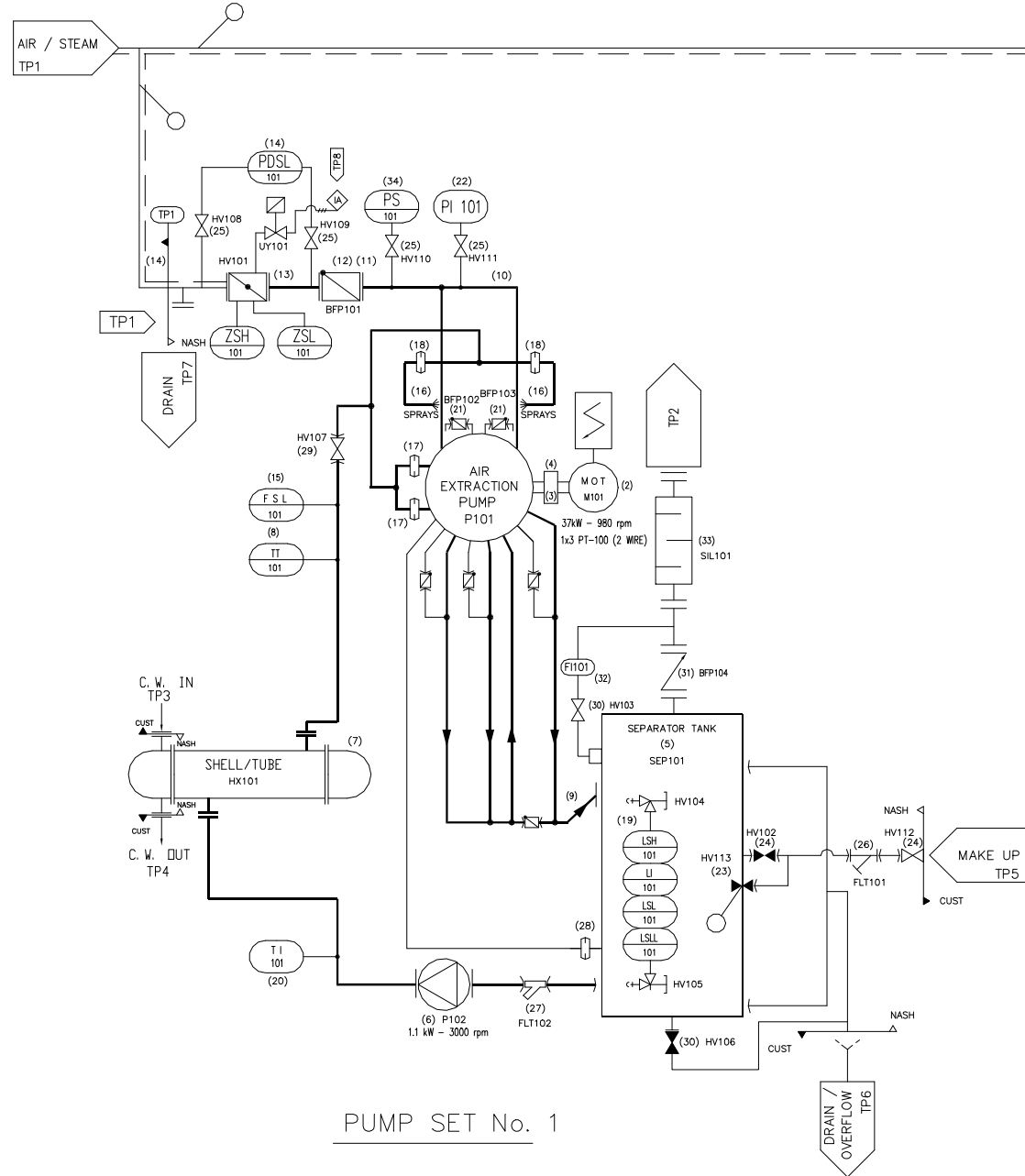
NOZZLE LIST

Ref.	No	Service	DN	Rating	Flange	Face	Remark
TP 1	1	AIR INLET	6"	150#	SLIP DN	ANSI B16.5, RF	
TP 2	1	AIR DISCHARGE	3"	150#	SLIP DN	ANSI B16.5, RF	
TP 3	1	COOLWATER INLET	3"	150#	SLIP DN	ANSI B16.5, RF	
TP 4	1	COOLWATER OUTLET	3"	150#	SLIP DN	ANSI B16.5, RF	
TP 5	1	SEAL WATER MAKE UP	1/2" NPT				
TP 6	1	DRAIN / OVERFLOW	1"	150#	SLIP DN	ANSI B16.5, RF	
TP 7	1	INLET MANIFOLD DRAIN	1"	150#	SLIP DN	ANSI B16.5, RF	BLINDED
TP 8	1	INSTRUMENT AIR	1/4" NPT				

PARTLIST PER PUMPSET

34	1	Pressure switch	1/2" - BSP	PS101	PS201
33	1	Silencer	DN80 - PN16	SIL101	SIL201
32	1	Air leakage indicator	1" - BSP	FI101	FI201
31	1	Discharge check valve, wafer type	DN80 - PN16	BFP104	BFP204
30	2	Diaphragm valve	1" - BSP	HV103/106	HV203/206
29	1	Diaphragm valve	1 1/2" - BSP	HV107	HV207
28	1	Orifice union	1" - BSP		
27	1	Strainer	2" - BSP	FLT102	FLT202
26	1	Strainer	1/2" - BSP	FLT101	FLT201
25	4	Diaphragm valve (pressure points)	1/2" - BSP	HV108/109/110/111	HV208/209/210/211
24	4	Diaphragm valve	1/2" - BSP	HV102/104/105/112	HV202/204/205/212
23	1	Make up float valve		HV113	HV213
22	1	Vacuum gauge	1/2" - BSP	PI101	PI201
21	2	Check valve	1/2" - BSP	BFP102/103	BFP202/203
20	1	Seal water temperature gauge	1/2" - BSP	TI101	TI201
19	1	Magnetic level indicator L=750	1/2" - BSP	LI101	LI201
		3 x switch for levelindicator		LSH101+LSL101+LSLL101	LSH201+LSL201+LSLL201
18	2	Orifice union	1" - BSP		
17	2	Orifice union	3/4" - BSP		
16	2	Spray nozzle	3/4" - BSP		
15	1	Seal water flow switch	1 1/2" - BSP	FSL101	FSL201
14	1	Differential pressure switch	1/2" - BSP	PDSL101	PDSL201
13	1	Inlet butterfly valve with actuator	DN150 - PN16	HV101	HV201
12	1	Inlet check valve	DN150 - PN16	BFP101	BFP201
11	1	Inlet screen (temporaty)	DN150 - PN16		
10	1	Inlet manifold	DN150 - PN16		
9	1	Discharge pipe	DN100 - PN16		
8	1	Seal water temperature transmitter	1/2" - BSP	TT101	TT201
7	1	Heat exchanger (1 pass)	3" - 150#	HX101	HX201
6	1	Circulation pump	DN50 - PN16	P102	P202
5	1	Separator		SEP101	SEP201
4	1	Coupling guard			
3	1	Coupling			
2	1	Electric motor		M0101	M0201
1	1	Vacuum pump	AT706E - ISO	P101	P201

FINAL



D Sep. 2002 Final
 C Aug. 2002 Noch Customer comments
 B July 2002 Onrust Customer comments
 A June 2002 Onrust For approval
 0 June 2002 Onrust Internal review
 re:Kla te drawn description

Drawn : R. Onrust	Date : June 2002	Order no. NASH700325
Chck'd P. Adams	Scale :	Order no client :
Appr'd W. Eckstein	Dim. :	Object : AT706E
Name client : NEHUENCO	Name : Flow diagram for AT706E	
NASH	NASH EUROPE B.V. Industrieweg 15 1566 JN Assendelft The Netherlands	Drawing no. : 700325-01
EUROPE	Tel.*31(0)75-6470170 Fax*31(0)75-6470175 E-mail: Nash-Europe@nasheng.com Internet: www.nasheng.com	Size : A2

REV	DATE	AUTH.	CHECK BY	APPR. BY	MODIFICATIONS	STATUS
D	25-9-2002	RO	PA	WE	FINAL	FUS
C	13-8-2002	JN	PA	WE	CUSTOMER COMMENTS	FUS
B	15-7-2002	JN	PA	WE	CUSTOMER COMMENTS	FUS
A	1-7-2002	JN	PA	WE	FIRST ISSUE	PRE

SCALE:	SUPPLIER NAME: NASH EUROPE BV	Nr: 700325
SIZE: A2	SPECIFICATION No:	

COLBUN

CONTRATO ANF2-C502
 AMPLIACIÓN NEHUENCO FASE 2
 CHILE

ALSTOM STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS

CONDENSER VACUUM EQUIPMENT
 PIPING & INSTRUMENTATION DIAGRAM

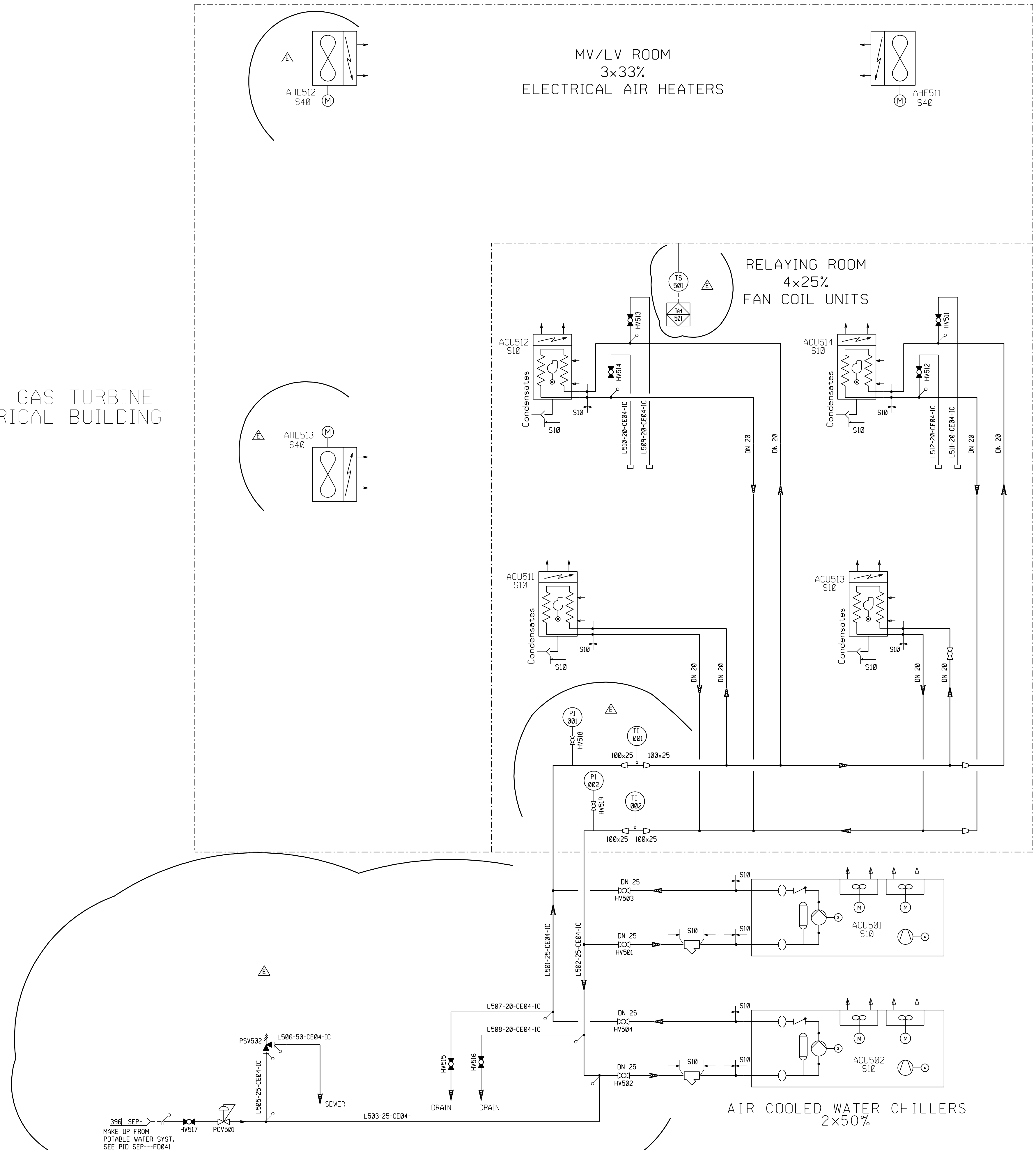
Contract Document Number	NEH 00 M CVI B15 FD 022	Revision: D
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B74 GAS TURBINE
ELECTRICAL BUILDING

MV/LV ROOM
3x33%
ELECTRICAL AIR HEATERS

RELAYING ROOM
4x25%
FAN COIL UNITS

AIR COOLED WATER CHILLERS
2x50%



FIRE FIGHTING NOTE :
WATER CHILLERS ACU501 & 502 ;
FAN COIL UNITS ACU511, 512, 513 & 514 ;
ELECTRICAL AIR HEATERS AHE511, 512 & 513 ;
ARE LOCKING FROM FIRE FIGHTING DETECTION SYSTEM .

NUMBERING NOTE :
ALL COMPONENTS NUMBERS ARE PRECEDED WITH IA

REV	DATE	AUTH.	CHECK BY	APPR. BY	MODIFICATIONS	STATUS
E	14/05/03	Bb	Dx	Iq	AS BUILT	ASB
D	20/03/03	Pg/Vte	Dx	Iq	ADDED FIRE FIGHTING NOTE	CFC
C	31/10/02	Pg/Vte	Dx	Iq	ADDED ISA 95-1	CFC
B	25/09/02	Pg/Vte	Dx	Fr	UPDATED	FUS
A	11/07/02	Pg/Vte	Dx	Fr	FIRST ISSUE	PRE

SCALE: SUPPLIER NAME: Nr: SPECIFICATION No:

COLBUN
CONTRATO ANF2-C502
AMPLIACION NEHUENCO CHILE

ALSTOM STEAM POWER PLANTS SEGMENT
POWER PLANT BUSINESS

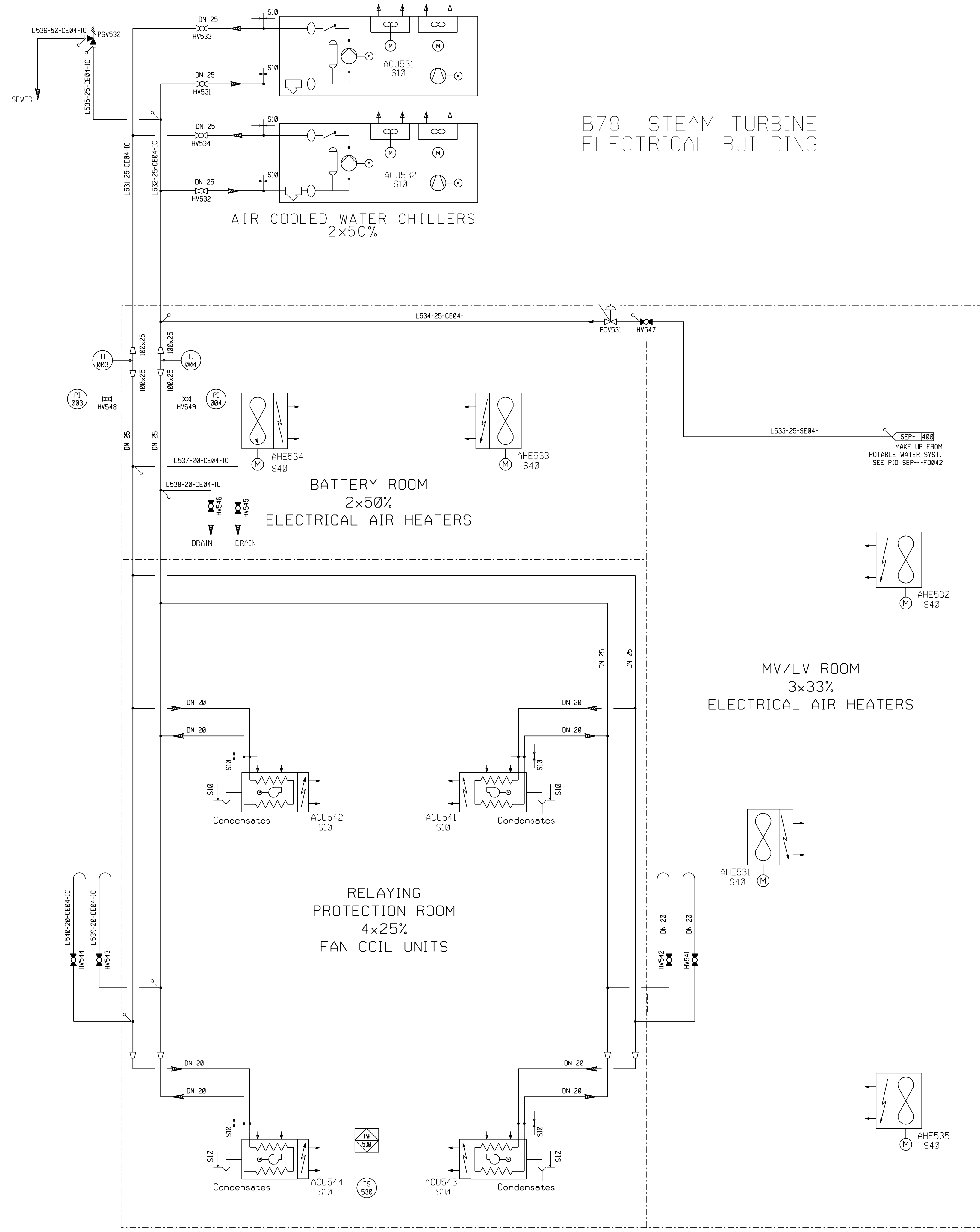
PIPING AND INSTRUMENTATION DIAGRAM
Buildings air conditioning

Open cycle

Contract Document Number: NEH00M DVC --- FD 081 Revision: E

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B78 STEAM TURBINE ELECTRICAL BUILDING



FIRE FIGHTING NOTE :
 WATER CHILLERS ACU531 & 532 ;
 FAN COIL UNITS ACU541, 542, 543 & 544 ;
 ELECTRICAL AIR HEATERS AHE531, 532, 533, 534 & 535 ;
 ARE LOCKING FROM FIRE FIGHTING DETECTION SYSTEM .

NUMBERING NOTE :
 ALL COMPONENTS NUMBERS ARE PRECEDED WITH 10

REV	DATE	AUTH.	CHECK BY	APPR. BY	MODIFICATIONS	STATUS
F	20/03/03	Pg/Vte	Dx	Ig	ADDED FIRE FIGHTING NOTE	CFC
E	24/01/03	Pg/Vte	Dx	Ig	UPDATED	CFC
D	13/11/02	Pg/Vte	Dx	Ig	ADDED ISA 55-1	CFC
C	25/09/02	Pg/Vte	Dx	Fr	UPDATED	FUS
B	28/08/02	Vte	Dx	Fr	UPDATED	FUS
A	18/07/02	Pg/Vte	Dx	Fr	FIRST ISSUE	PRE

SCALE: _____ SUPPLIER NAME: _____ Nrc: _____
 SIZE: _____ SPECIFICATION No: _____

COLBUN

**CONTRATO ANF2-C502
 AMPLIACIÓN NEHUENCO FASE 2
 CHILE**

ALSTOM STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
 Buildings air conditioning

Contract Document Number: **NEH 00 M DVC --- FD 082** Revision: **F**

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B79 HRSG
ELECTRICAL BUILDING

E07 COOLING WATER
ELECTRICAL BUILDING

MV/LV ROOM
2x50%
ELECTRICAL AIR HEATERS

RELAYING ROOM
2x50%
FAN COIL UNIT

AIR COOLED WATER CHILLERS
2x50%

LV ROOM
2x50%
ELECTRICAL AIR HEATERS

E06 COOLING WATER
TREATMENT BUILDING

4x25%
ELECTRICAL AIR HEATERS

FIRE FIGHTING NOTE :
 WATER CHILLERS ACU561 & 562 ;
 FAN COIL UNITS ACU571 & 572 ;
 ELECTRICAL AIR HEATERS AHE561 & 562 ;
 ELECTRICAL AIR HEATERS AHE581 & 582 ;
 ELECTRICAL AIR HEATERS AHE591, 592, 593 & 594 ;
 ARE LOCKING FROM FIRE FIGHTING DETECTION SYSTEM .

NUMBERING NOTE :
 ALL COMPONENTS NUMBERS ARE PRECEDED WITH 10

REV	DATE	AUTH.	CHECK BY	APPR. BY	MODIFICATIONS	STATUS
E	03/03/03	Pg/Vte	Dx	Ig	ADDED E06 BOLD & FIRE FIGHTING NOTE	CFC
D	24/01/03	Pg/Vte	Dx	Ig	UPDATED	CFC
C	13/11/02	Pg/Vte	Dx	Ig	ADDED ISA S5-1	CFC
B	25/09/02	Pg/Vte	Dx	Fr	UPDATED	FUS
A	18/07/02	Pg/Vte	Dx	Fr	FIRST ISSUE	PRE

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 SIZE: _____ SPECIFICATION No: _____

COLBUN

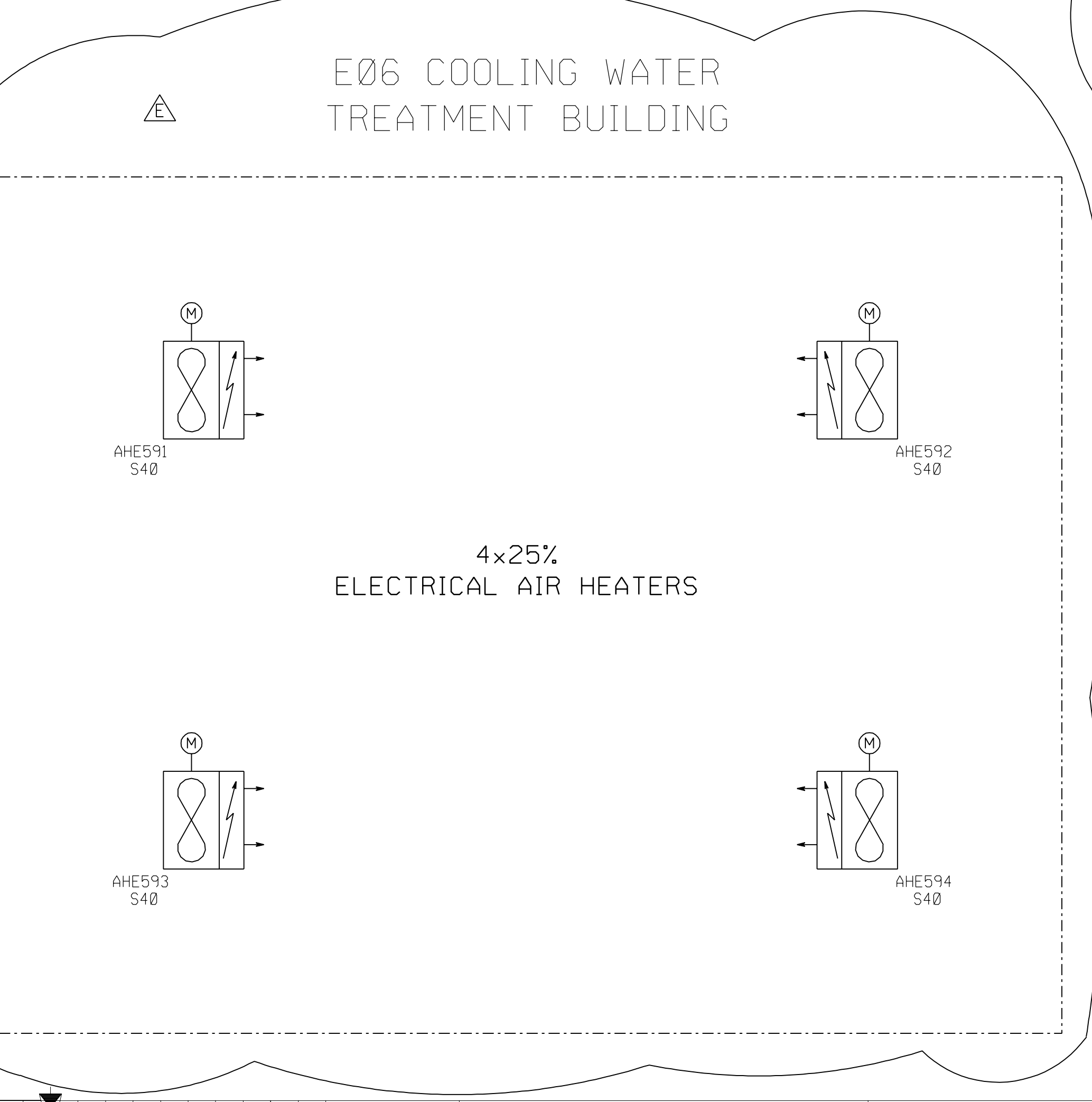
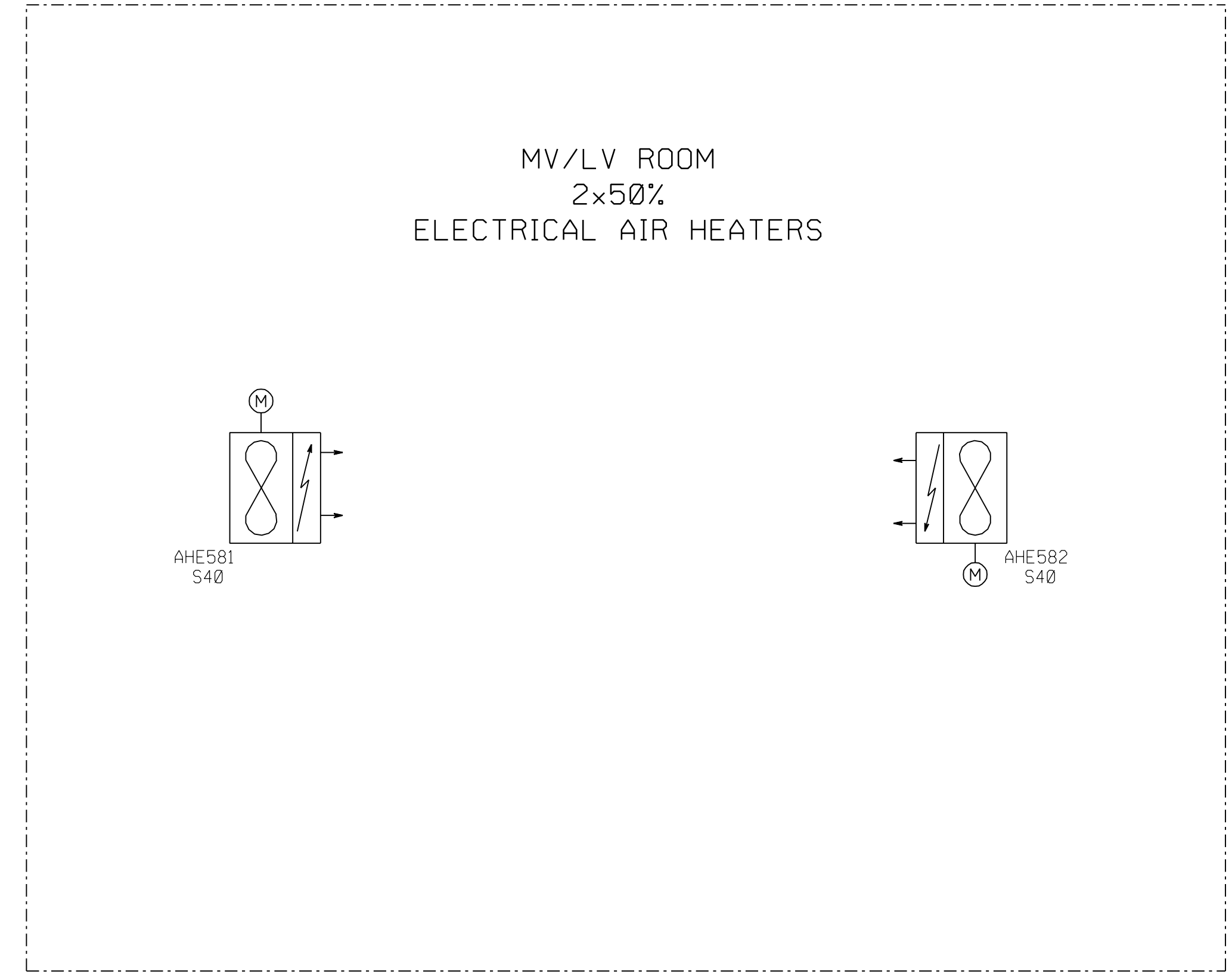
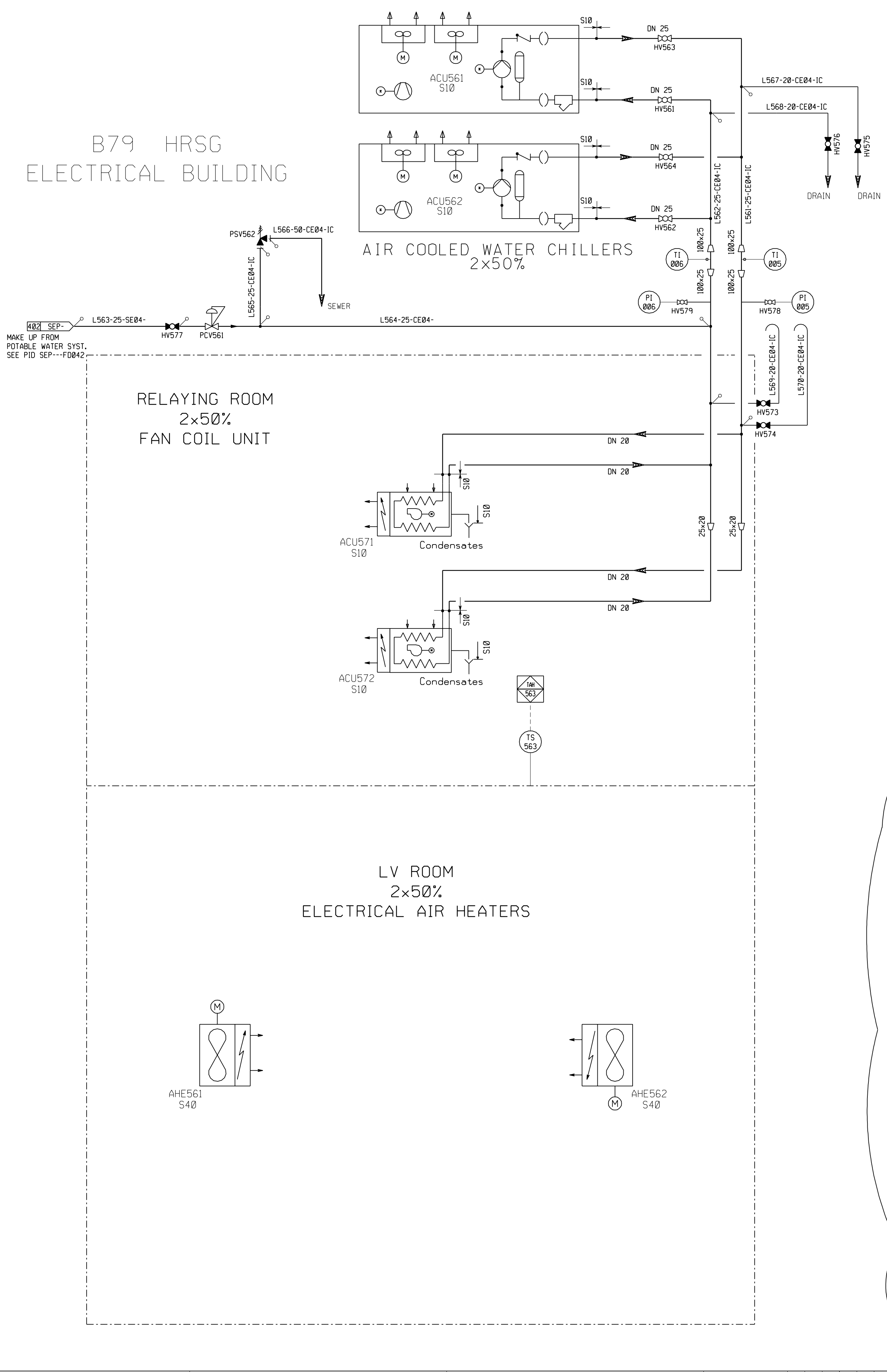
**CONTRATO ANF2-C502
 AMPLIACIÓN NEHUENCO FASE 2
 CHILE**

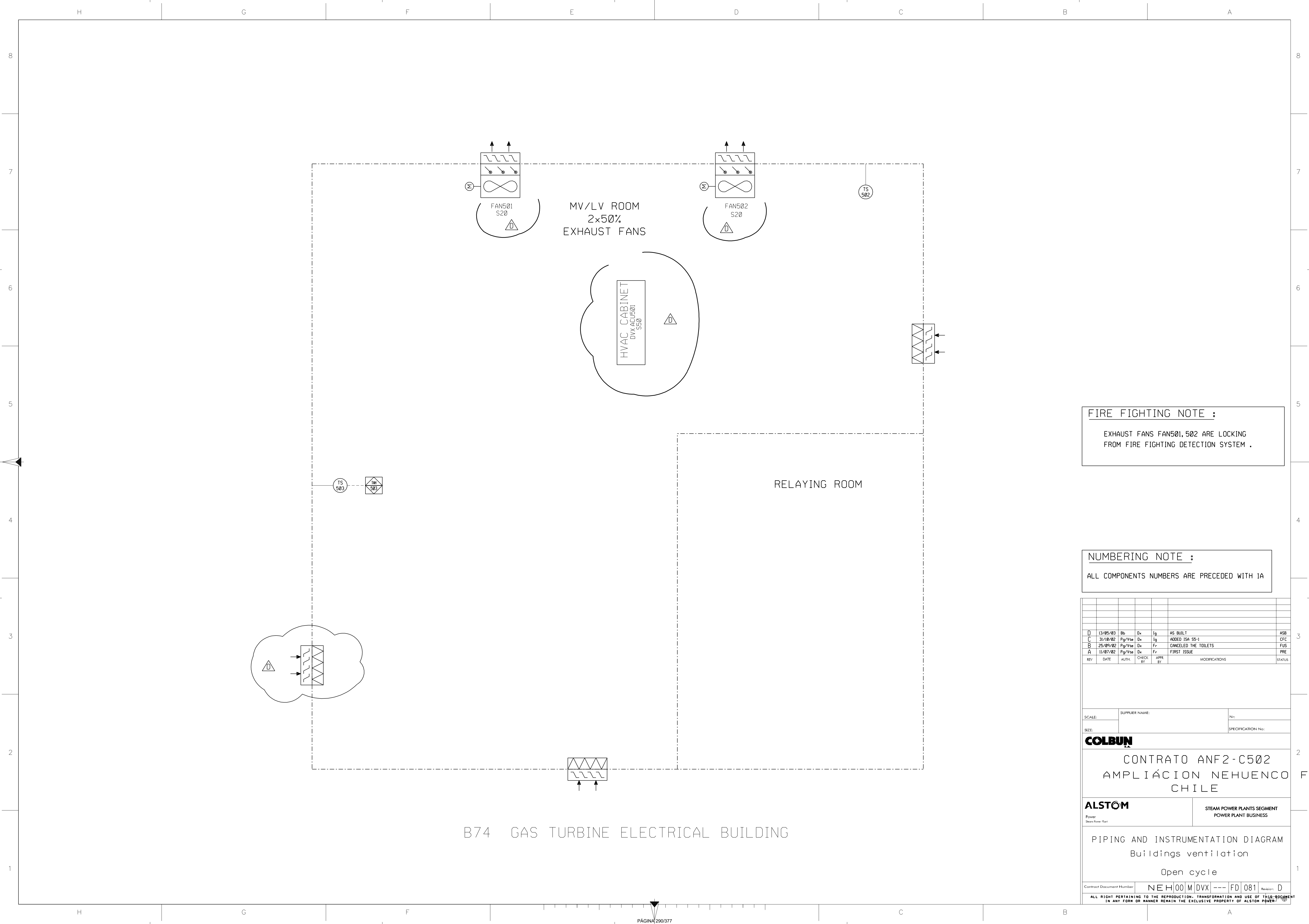
ALSTOM STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
 Buildings air conditioning

Contract Document Number: **NEH 00 M DVC --- FD 083** Revision: **E**
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MAKE UP FROM
POTABLE WATER SYST.
SEE PID SEP...FD042





FIRE FIGHTING NOTE :
 EXHAUST FANS FAN501, 502 ARE LOCKING FROM FIRE FIGHTING DETECTION SYSTEM .

NUMBERING NOTE :
 ALL COMPONENTS NUMBERS ARE PRECEDED WITH IA

REV	DATE	AUTH.	CHECK BY	APPR. BY	MODIFICATIONS	STATUS
D	13/05/03	Bb	Dx	Ig	AS BUILT	ASB
C	31/10/02	Pg/Vte	Dx	Ig	ADDED ISA 55-1	CFC
B	25/09/02	Pg/Vte	Dx	Fr	CANCELED THE TOILETS	FUS
A	11/07/02	Pg/Vte	Dx	Fr	FIRST ISSUE	PRE

SCALE: _____ No: _____
 SIZE: _____ SPECIFICATION No: _____

COLBUN

CONTRATO ANF2-C502
 AMPLIACION NEHUENCO CHILE

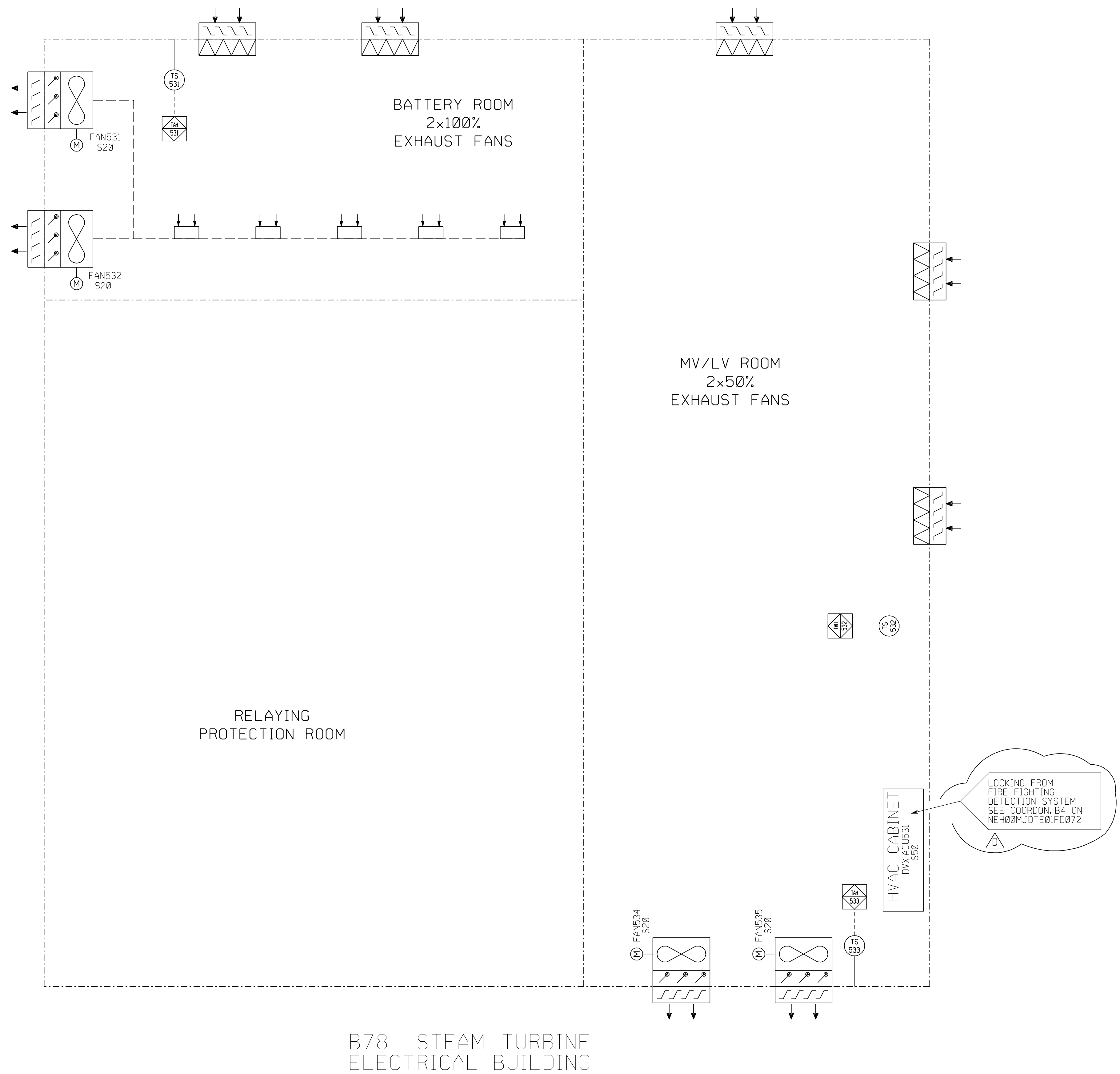
ALSTOM STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
 Buildings ventilation
 Open cycle

Contract Document Number: **NEH00M DVX --- FD 081** Revision: **D**

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B74 GAS TURBINE ELECTRICAL BUILDING



NUMBERING NOTE :
ALL COMPONENTS NUMBERS ARE PRECEDED WITH 10

REV	DATE	AUTH.	CHECK BY	APPR. BY	MODIFICATIONS	STATUS
D	22/01/03	Pg/Vte	Dx	Ig	UPDATED	CFC
C	13/11/02	Pg/Vte	Dx	Ig	ADDED ISA SS-1	CFC
B	25/05/02	Pg/Vte	Dx	Fr	CANCELED THE TOILETS	FUS
A	18/07/02	Pg/Vte	Dx	Fr	FIRST ISSUE	PRE

SCALE: _____ SUPPLIER NAME: _____
SIZE: _____ SPECIFICATION No: _____

COLBUN
CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2
CHILE

ALSTOM STEAM POWER PLANTS SEGMENT
Power Plant Business POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
Buildings ventilation

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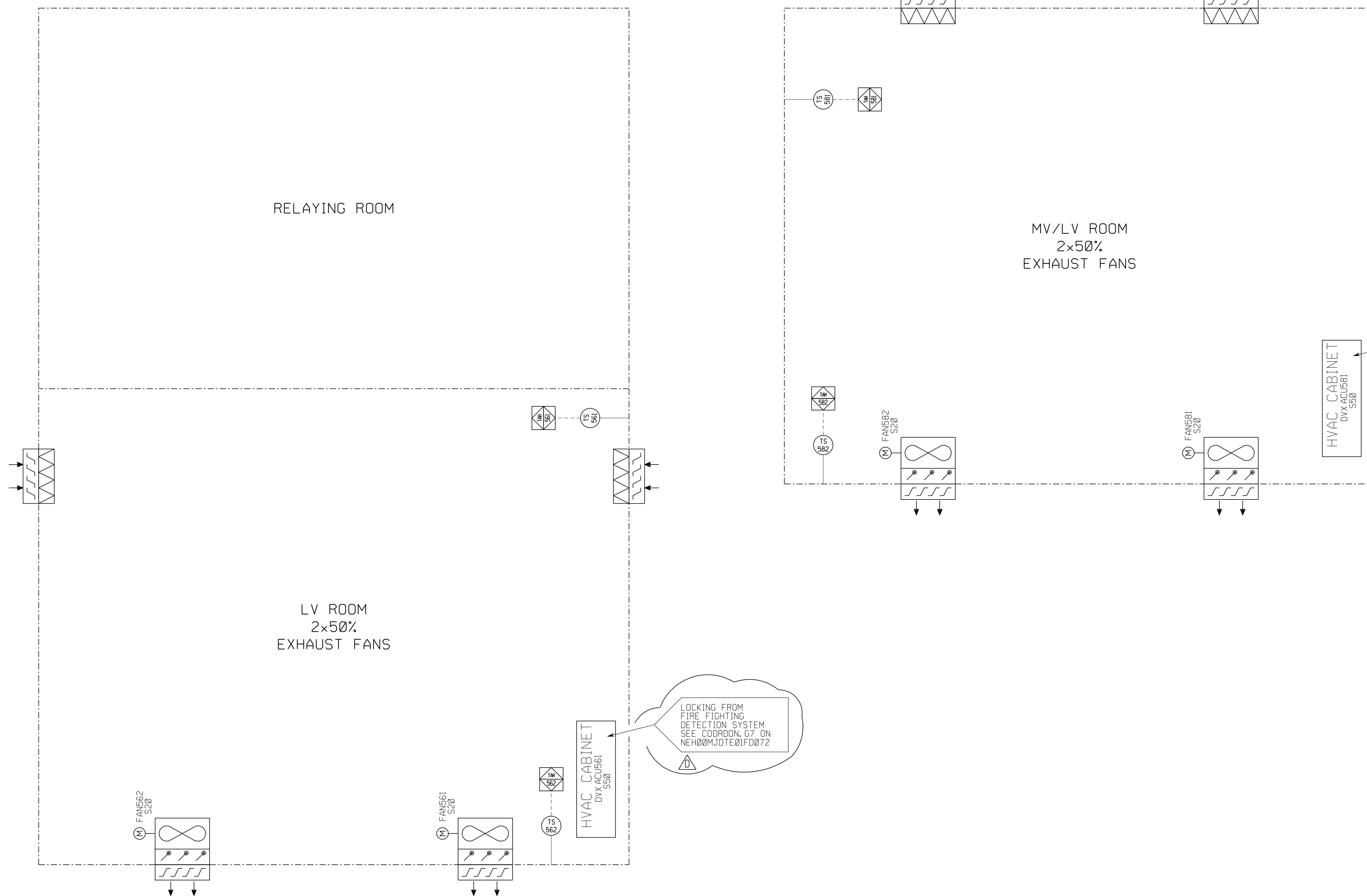
B79 HRSG
ELECTRICAL BUILDING

E07 COOLING WATER
ELECTRICAL BUILDING

RELAYING ROOM

MV/LV ROOM
2x50%
EXHAUST FANS

LV ROOM
2x50%
EXHAUST FANS



LOCKING FROM
FIRE FIGHTING
DETECTION SYSTEM
SEE COORDON. G5 ON
NEH00MJOTE01FD072

LOCKING FROM
FIRE FIGHTING
DETECTION SYSTEM
SEE COORDON. G7 ON
NEH00MJOTE01FD072

NUMBERING NOTE :
ALL COMPONENTS NUMBERS ARE PRECEDED WITH 10

REV	DATE	AUTH.	CHECK BY	APPR BY	MODIFICATIONS	STATUS
D	22/01/03	Pg/Vte	Dx	Ig	UPDATED	CFC
C	13/11/02	Pg/Vte	Dx	Ig	ADDED ISA 55-1	CFC
B	25/09/02	Pg/Vte	Dx	Fr	DWG STATUS UPDATED	FUS
A	18/07/02	Pg/Vte	Dx	Fr	FIRST ISSUE	PRE

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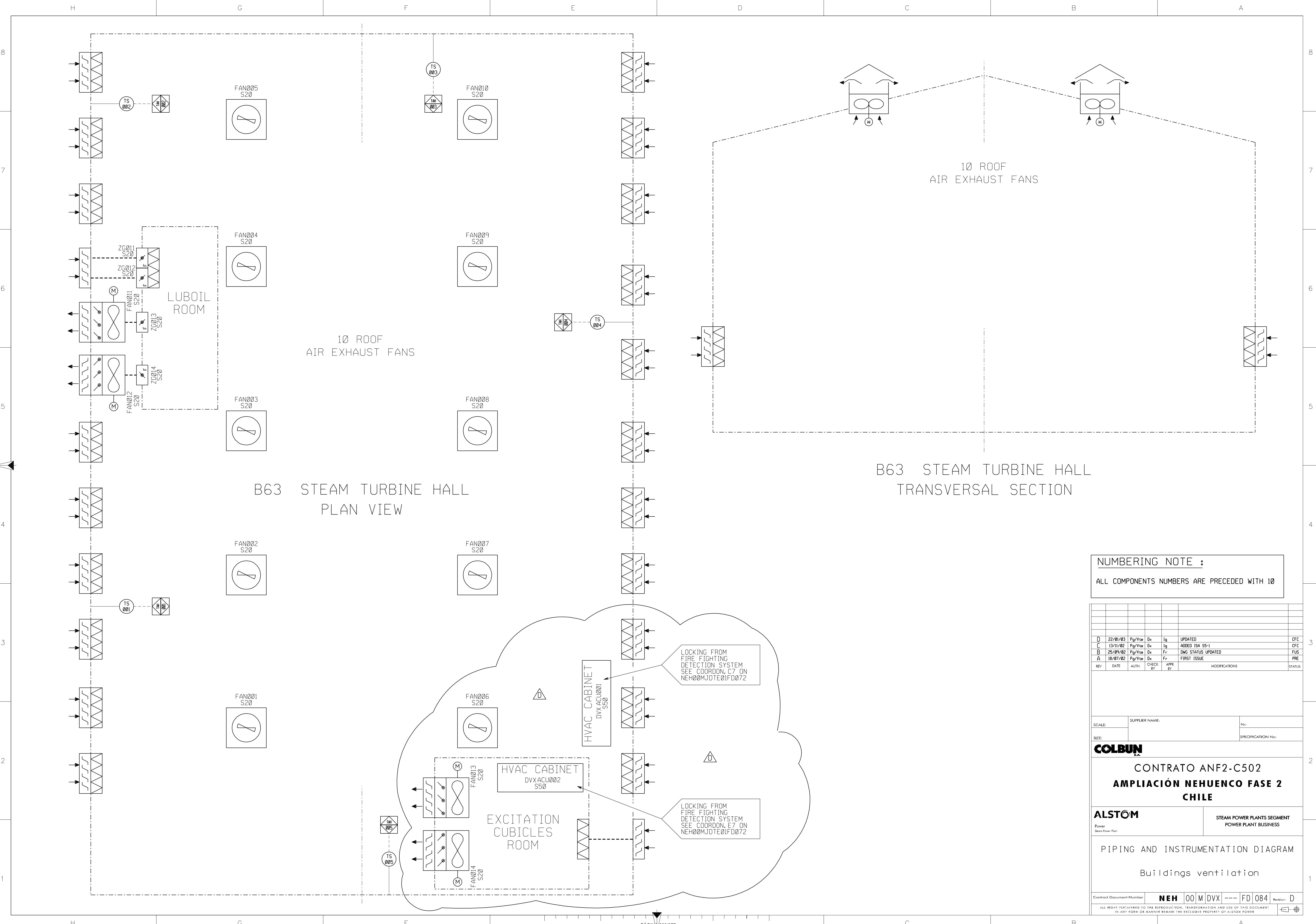
COLBUN

**CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2
CHILE**

ALSTOM STEAM POWER PLANTS SEGMENT
 Power Steam Power Plant POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
 Buildings ventilation

Contract Document Number: **NEH 00 M DVX --- FD 083** Revision: **D**
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B63 STEAM TURBINE HALL
PLAN VIEW

B63 STEAM TURBINE HALL
TRANSVERSAL SECTION

NUMBERING NOTE :
ALL COMPONENTS NUMBERS ARE PRECEDED WITH 10

REV	DATE	AUTH.	CHECK BY	APPR BY	MODIFICATIONS	STATUS
D	22/01/03	Pg/Yte	Dx	Ig	UPDATED	CFC
C	13/11/02	Pg/Yte	Dx	Ig	ADDED ISA 55-1	CFC
B	25/09/02	Pg/Yte	Dx	Fr	DWG STATUS UPDATED	FUS
A	18/07/02	Pg/Yte	Dx	Fr	FIRST ISSUE	PRE

SCALE: _____ SUPPLIER NAME: _____ Nr: _____
 SIZE: _____ SPECIFICATION No: _____

COLBUN

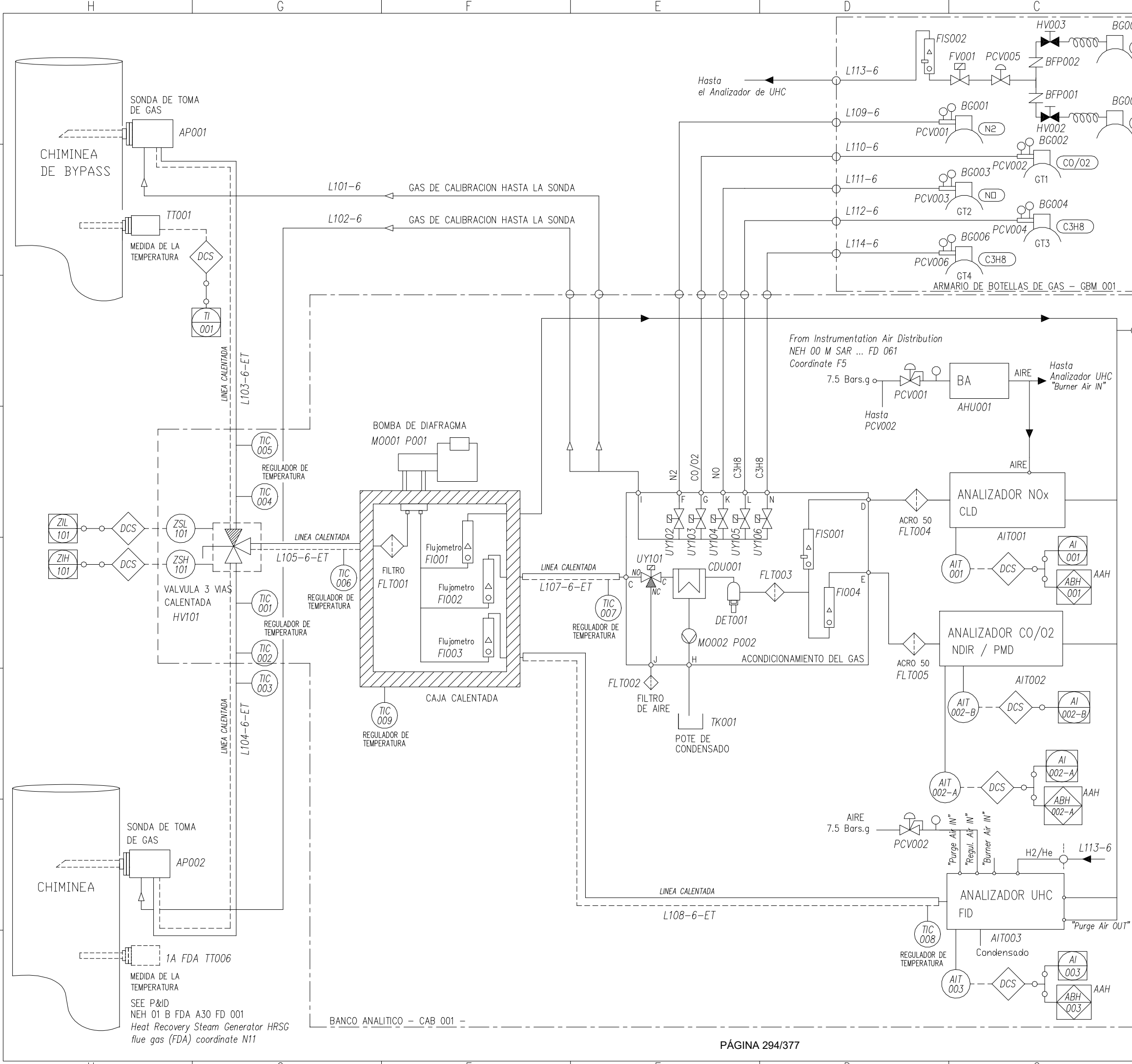
**CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2
CHILE**

ALSTOM Power Steam Plant | STEAM POWER PLANTS SEGMENT
POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
Buildings ventilation

Contract Document Number: **NEH 00 M DVX --- FD 084** Revision: **D**

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Nota : Todos los numeros de los componentes se preceden con 1A FGM

REV	DATE	AUTH.	CHECK BY	APPR. BY	MODIFICATIONS	STATUS
E	16/05/03	YRO	JVE	LBO	MODIFICATION ON H2/He LINE	ASB
D	25/11/02	YRO	JVE	LBO	AS BUILT - SPANISH TRANSLATION	ASB
C	16/10/02	YRO	JVE	LBO	REVISED PER CUSTOMER COMMENTS	FUS
B	30/08/02	YRO	JVE	LBO	REVISED PER CUSTOMER COMMENTS	FUS
A	09/08/02	YRO	JVE	LBO	FIRST ISSUE	PRE

SCALE: 1:...	SUPPLIER NAME: M&C France Techniques d'analyse	Nr:
SIZE: A3		SPECIFICATION No: G 65

COLBUN

CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2
CHILE

ALSTOM STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS

P&ID WITH LIMIT OF SUPPLY

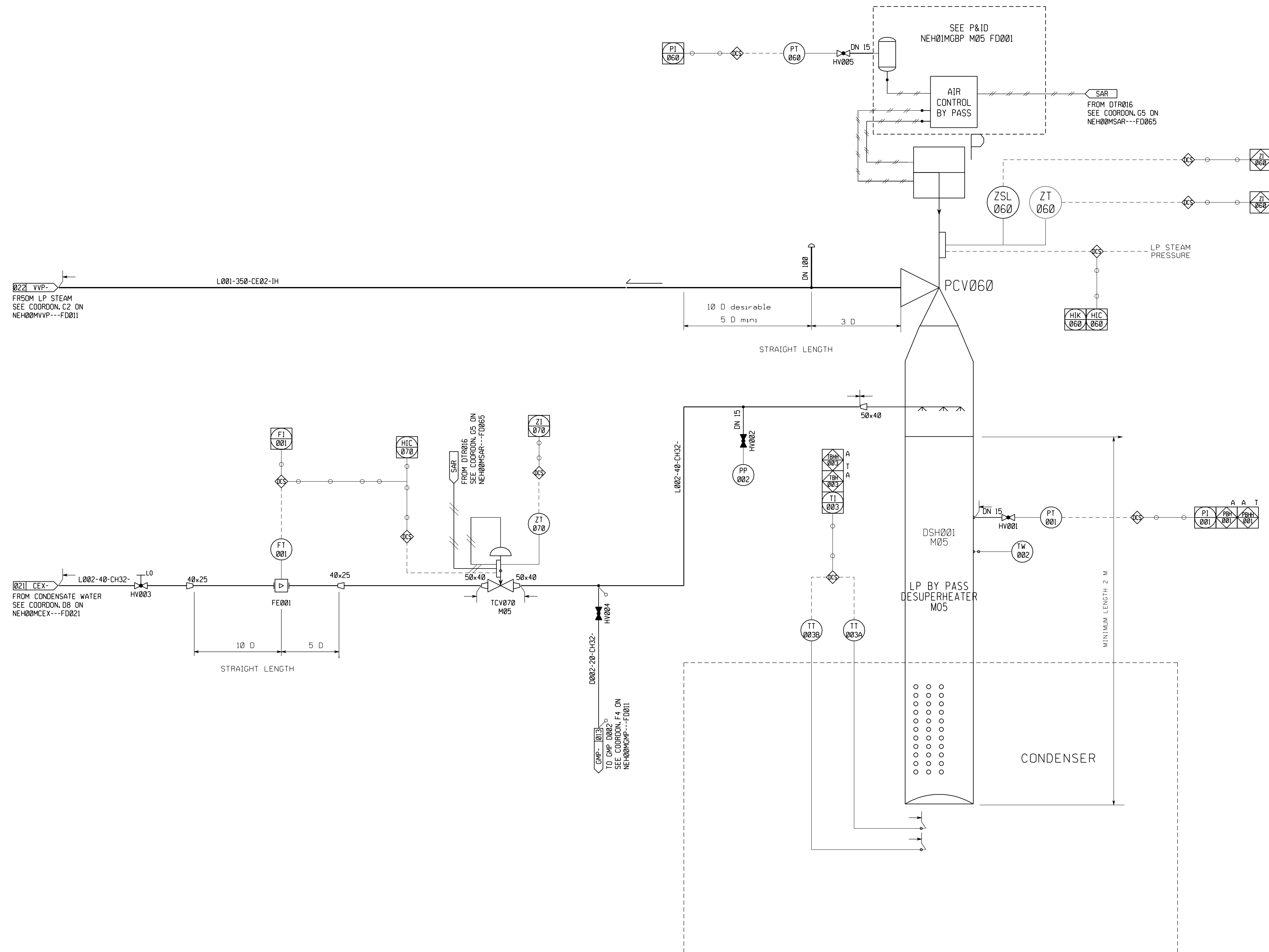
CONTINUOUS EMISSIONS MEASUREMENT SYSTEM (CEMS)

Contract Document Number	00 M FGM G65 FD 071	Revision: E
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SEE P&ID
 NEH 01 B FDA A30 FD 001
 Heat Recovery Steam Generator HRSG
 flue gas (FDA) coordinate N11

BANCO ANALITICO - CAB 001 -



NOTE:
ALL COMPONENTS NUMBERS ARE PRECEDED WITH 10

REV	DATE	AUTH.	CHECK BY	APPR BY	MODIFICATIONS	STATUS
E	28/01/02	Vta	F1a/F1a	Ig	ADDED OFFSHEETS COORDINATES	CFC
D	11/12/02	Vta	F1a	Ig	UP DATED + ADDED ISA 55J	FUS
C	28/08/02	Vta	F1a	Pa	UP DATED	FUS
B	28/06/02	Bb	F1a	Sb	UP DATED	
A	23/04/02	Bb	F1a	Sb	FIRST ISSUE	PRE

SCALE: _____ SUPPLIER NAME: _____ Nr: _____
 SIZE: _____ SPECIFICATION No: _____

COLBUN

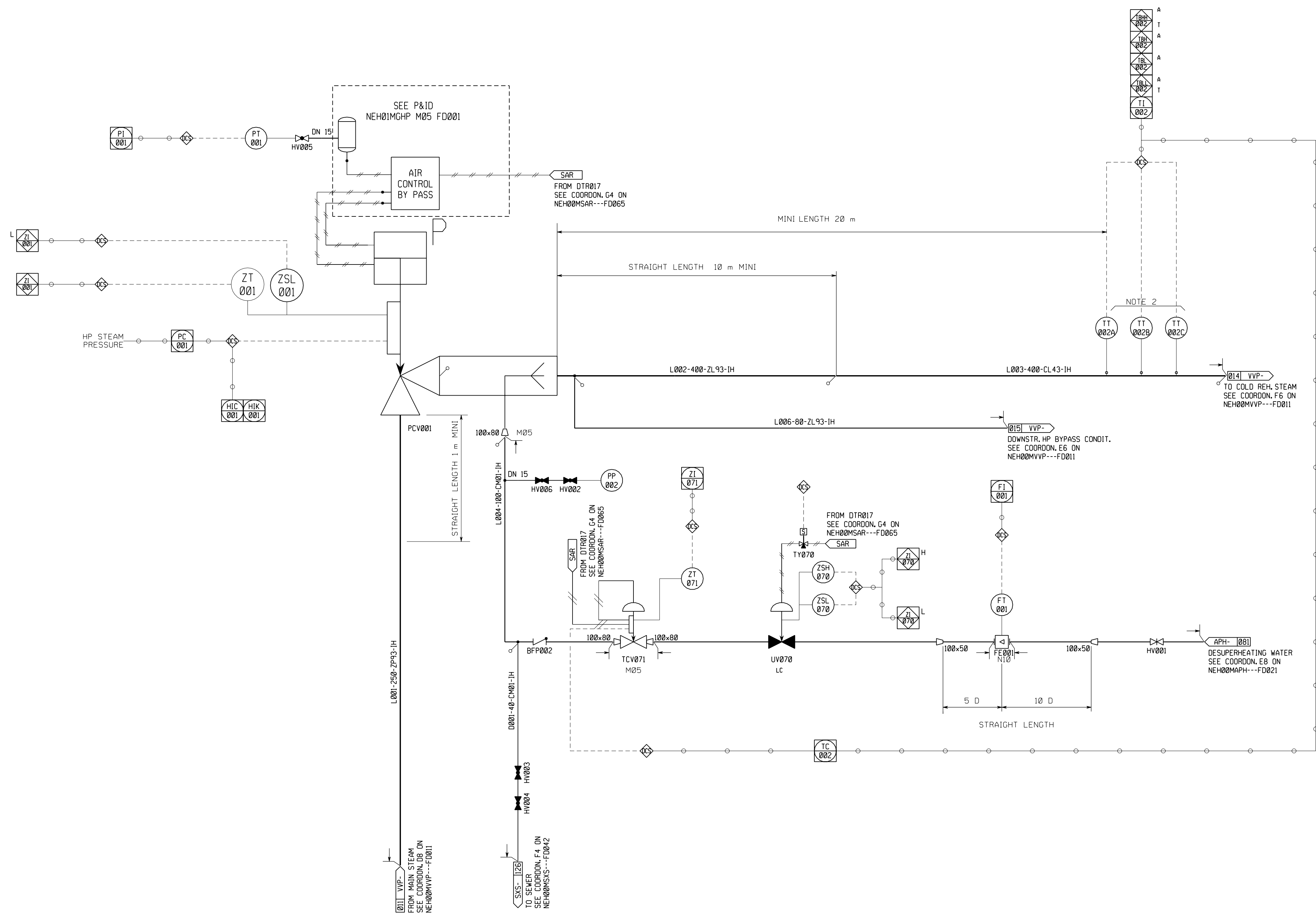
**CONTRATO ANF2-C502
 AMPLIACIÓN NEHUENCO FASE 2
 CHILE**

ALSTOM STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
 Turbine low pressure bypass

Contract Document Number: **NEH 00 M GBP --- FD 011** Revision: **E**

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NOTE:

- 1 - ALL COMPONENTS NUMBERS ARE PRECEDED WITH 10
- 2 - THE 3 ADJACENTS TT PREFERABLY IN THE SAME PLANE: SAY 90° APART (NOT IN LINE WITH EACH OTHER)

REV	DATE	AUTH.	CHECK BY	APPR BY	MODIFICATIONS	STATUS
E	28/01/03	Vte	Fia/Fr	Ig	ADDED OFFSHEETS COORDINATES	CFC
D	11/12/02	Vte	Fia	Ig	UP DATED + ADDED ISA 55.1	FUS
C	28/06/02	Bb	Fia	Sb	UP DATED	FUS
B	23/04/02	Bb	Fia	Sb	UP DATED	PRE
A	14/03/02	Bb	Fia	Sb	FIRST ISSUE	PRE

SCALE: _____ SUPPLIER NAME: _____ Nr: _____

SIZE: _____ SPECIFICATION No: _____

COLBUN

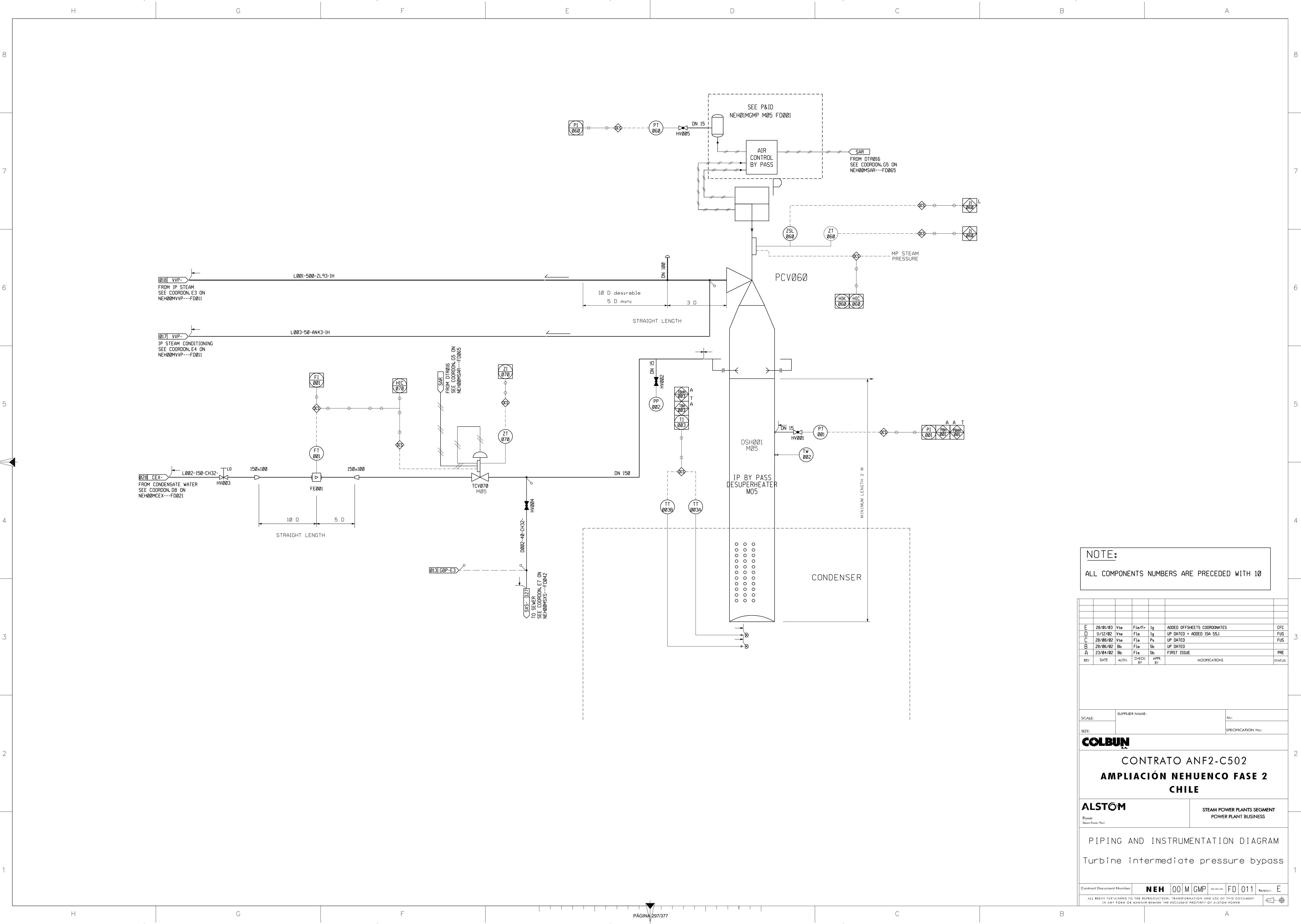
CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2
CHILE

ALSTOM Power Steam Power Plant
 STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
 Turbine high pressure bypass

Contract Document Number: **NEH 00 M GHP --- FD 011** Revision: **E**

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NOTE:
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REV	DATE	AUTH.	CHECK BY	APPR BY	MODIFICATIONS	STATUS
E	28/01/03	Vse	Fla/Fr	Ig	ADDED OFFSHEET'S COORDINATES	DFC
D	11/12/02	Vse	Fla	Ig	UP DATED + ADDED ISA 55.1	FUS
C	28/05/02	Vse	Fla	Pa	UP DATED	FUS
B	28/05/02	Bb	Fla	Sb	UP DATED	
A	23/04/02	Bb	Fla	Sb	FIRST ISSUE	PRE

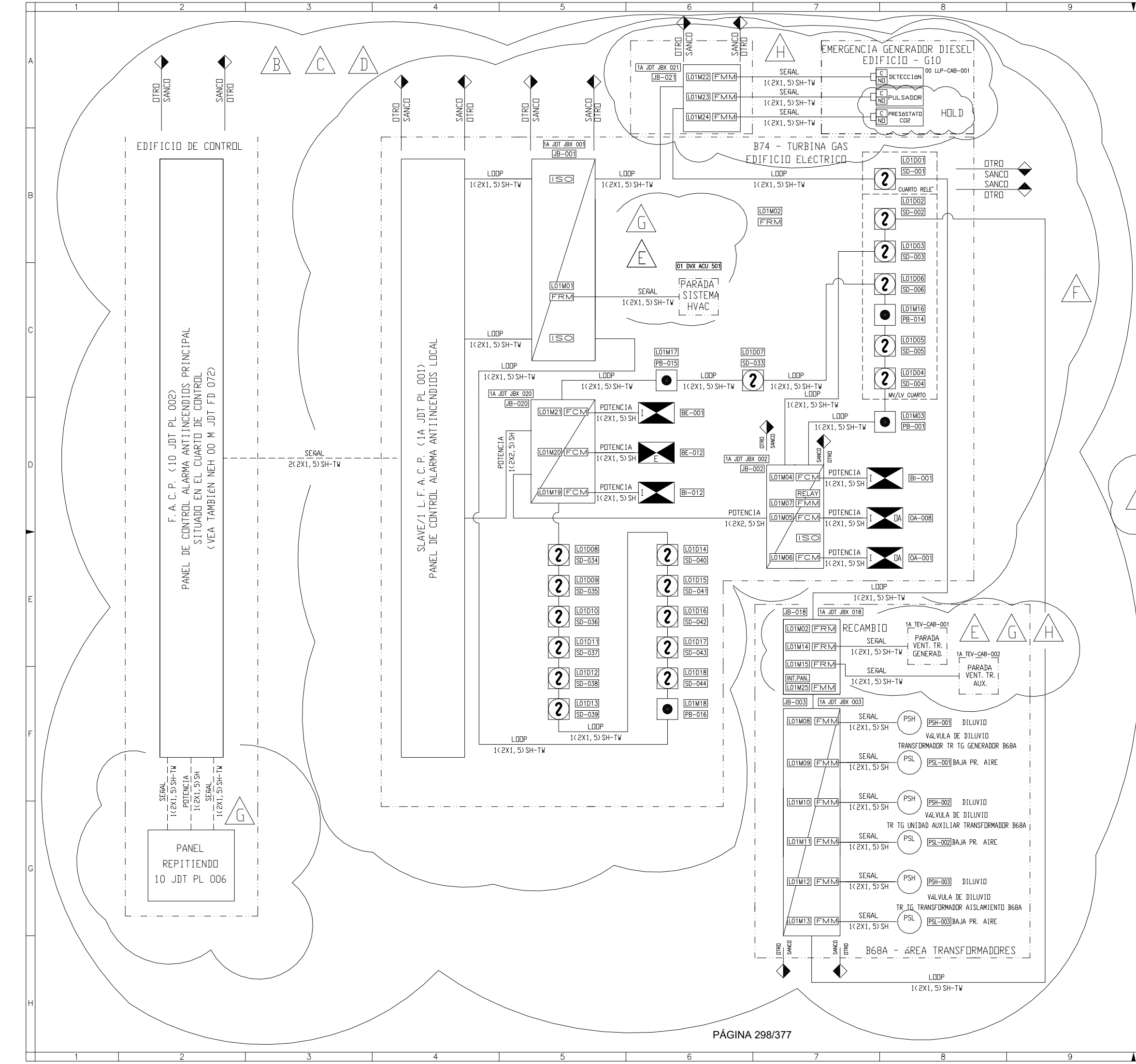
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COLBUN
CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2
CHILE

ALSTOM Power Steam Power Plant
 STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
 Turbine intermediate pressure bypass

Contract Document Number **NEH 00 M GMP --- FD 011** Revision: **E**
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NOTAS	
SYMBOL	DESCRIPCIÓN
	LÍMITE BATERÍA
	ÍTEM INSTRUMENTO
	PANEL DE CONTROL ALARMA ANTIINCENDIOS PRINCIPAL
	PANEL DE CONTROL ALARMA ANTIINCENDIOS LOCAL
	DETECTOR DE HUMD BASE C/W
	PULSADOR ALARMA ANTIINCENDIOS
	SEÑAL (INTERNA)
	SEÑAL (EXTERNA)
	SIRENA/SEÑAL (EXTERNA)
	PRESGSTATO
	BAJA PRESIÓN AIRE
	MÓDULO INPUT
	MÓDULO OUTPUT
	MÓDULO RELÉ
	MÓDULO AISLADOR
	RELÉ 24 Vcc PARA MONITORIZACIÓN POTENCIA
	LO1D = LOOP 1 - D. = DIRECCIÓN DETECTOR
	LO1M = LOOP 1 - M. = DIRECCIÓN MÓDULO
	SH-TW = SH-TW = CABLE TRENZADO Y APANTALLADO

DIBUJOS DE REFERENCIA	
SA-008578/051	DETECTION SYS. BUILDING B74 - LAYOUT AND DETAIL
SA-008578/070	DETECTION SYS. WIRING DIAGRAM OPEN CYCLE

NOTAS	
1.	TAMAROS EN mm
2.	ALTURAS EN mm
TIPD DE CABLE : PARA ADQUISICIÓN INFORMACIÓN CEI 332/3-C Y PARA SEÑAL ACCIÓN CEI 331	

REV	FECHA	AUTOR	CONTR. POR	APR. POR	MODIFICACIONES	STATUS
H	03/06/2003	CHERUBIN	RECANATI	DE.MARTIN	REVISADO.COMO.MOSTRADO	FUS
G	28/03/2003	MIRAMONTI	RECANATI	DE.MARTIN	REVISADO.COMO.MOSTRADO	PRE
F	02/01/2003	BOSSI	RECANATI	DE.MARTIN	REVISADO.COMO.MOSTRADO	PRE
E	11/11/2002	MIRAMONTI	RECANATI	DE.MARTIN	REVISADO.COMO.MOSTRADO	PRE
D	03/09/2002	MIRAMONTI	RECANATI	DE.MARTIN	REVISADO.COMO.MOSTRADO	PRE
C	26/08/2002	MIRAMONTI	RECANATI	DE.MARTIN	REVISADO.COMO.MOSTRADO	PRE
B	18/07/2002	MIRAMONTI	RECANATI	DE.MARTIN	REVISADO.COMO.MOSTRADO	PRE
A	10/07/2002	MIRAMONTI	RECANATI	DE.MARTIN	PRIMERA.EMISIÓN	PRE

SUPPLIER NAME: **SANCO** SISTEMI ANTINCENDIOS COSTRUZIONI S.R.L. Nr: SA-008578-008
 VIA RAVIZZA 13/A - 28066 GALLIATE (ND) ITALIA SPECIFICATION Nr:

COLBUN
 CONTRATO ANF2-C502
 AMPLIACIÓN NEHUENCO FASE 2
 CHILE
ALSTOM
 POWER
 Steam Power Plants
 STEAM POWER PLANTS SEGMENT
 POWE PLANT BUSINESS

FIRE FIGHTING SYSTEM
 SISTEMA.DE.DETECCIÓN
 DIAGRAMA.BLOQUES/PID-CICLO.ABIERTO

Contract Doc. Number	NEH	00	M	JDT	E01	FD	071	Revision : H
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TODOS DERECHOS RELATIVOS A LA REPRODUCCIÓN, TRANSFORMACIÓN Y USO DE ESE DOCUMENTO EN CUALQUIER FORMA O MANERA QUEDAN BAJO LA PROPIEDAD EXCLUSIVA DE ABB ALSTOM POWER

LEGEND

SYMBOL	DESCRIPTION
	BATTERY LIMIT
	INSTRUMENT ITEM
	MAIN FIRE ALARM CONTROL PANEL
	LOCAL FIRE ALARM CONTROL PANEL
	SMOKE DETECTOR C/W BASE
	FIRE ALARM PUSH BUTTON
	BEACON (INTERNAL)
	BEACON (EXTERNAL)
	SIREN/BEACON (EXTERNAL)
	PRESSURE SWITCH
	PRESSURE AIR LOW
	DELUGE SOLENOID VALVE
	SMOKE DETECTOR C/W BASE FOR INTRINSICALLY SAFETY AREA
	PUSH BUTTON FOR ALARM DETECTOR RESET
	H2 GAS DETECTOR FOR EXD SAFETY AREA
	HEAT DETECTOR 190°F OR 450°F
	SHUNT ZENER DIODE SAFETY BARRIER
	INTELLIGENT SYSTEM TRANSLATOR
	INPUT MODULE
	OUTPUT MODULE
	RELAY MODULE
	ISOLATOR MODULE
	RELAY 24 Vdc FOR POWER MONITORING
	LO1 = LOOP 1 - D. = DETECTOR ADDRESS
	LO1M. = LOOP 1 - M. = MODULE ADDRESS
	SH-TW = CABLE WITH SHIELD AND TWISTED

REV	DATE	AUTHOR	CHECK BY	APPR. BY	MODIFICATIONS	STATUS
G	14/05/2003	BIGANZOLI	RECANATI	DE.MARTIN	AS.BUILT	FUS
F	28/03/2003	MIRAMONTI	RECANATI	DE.MARTIN	REVISED.AS.SHOWN	PRE
E	08/01/2003	BOSSI	RECANATI	DE.MARTIN	REVISED.AS.SHOWN	PRE
D	11/11/2002	MIRAMONTI	RECANATI	DE.MARTIN	REVISED.AS.SHOWN	PRE
C	25/09/2002	MIRAMONTI	RECANATI	DE.MARTIN	REVISED.AS.SHOWN	PRE
B	30/08/2002	MIRAMONTI	RECANATI	DE.MARTIN	REVISED.AS.SHOWN	PRE
A	29/07/2002	MIRAMONTI	RECANATI	DE.MARTIN	FIRST ISSUE	PRE
REV	DATE	AUTHOR	CHECK BY	APPR. BY	MODIFICATIONS	STATUS

SUPPLIER NAME: **SANCO** SISTEMI ANTINCENDIO COSTRUZIONI S.R.L. Nr: SA-008578-011
 VIA RAVIZZA 13/A - 28066 GALLIATE (NO) ITALIA SPECIFICATION Nr:



CONTRATO ANF2-C502
 AMPLIACION NEHUENCO FASE 2
 CHILE

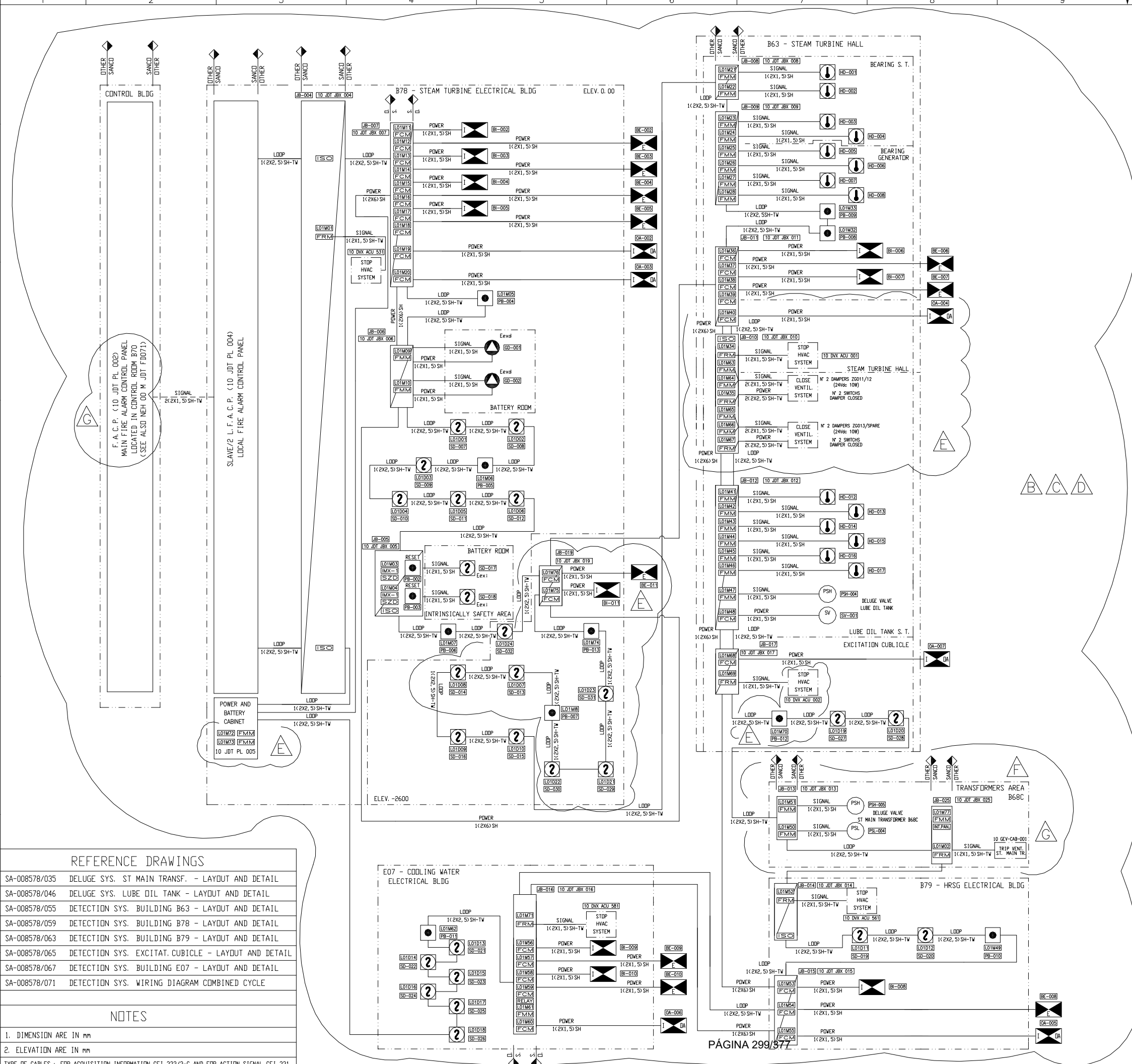


STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS

FIRE FIGHTING SYSTEM
 DETECTION SYSTEM
 BLOCK DIAGRAM/PID-COMBINED CYCLE

Contract Doc. Number	NEH	00	M	JDT	E01	FD	072	Revision :	G
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REFERENCE DRAWINGS

SA-008578/035	DELUGE SYS. ST MAIN TRANSF. - LAYOUT AND DETAIL
SA-008578/046	DELUGE SYS. LUBE OIL TANK - LAYOUT AND DETAIL
SA-008578/055	DETECTION SYS. BUILDING B63 - LAYOUT AND DETAIL
SA-008578/059	DETECTION SYS. BUILDING B78 - LAYOUT AND DETAIL
SA-008578/063	DETECTION SYS. BUILDING B79 - LAYOUT AND DETAIL
SA-008578/065	DETECTION SYS. EXCITAT. CUBICLE - LAYOUT AND DETAIL
SA-008578/067	DETECTION SYS. BUILDING E07 - LAYOUT AND DETAIL
SA-008578/071	DETECTION SYS. WIRING DIAGRAM COMBINED CYCLE

NOTES

- DIMENSION ARE IN mm
- ELEVATION ARE IN mm

TYPE OF CABLES : FOR ACQUISITION INFORMATION CEI 332/3-C AND FOR ACTION SIGNAL CEI 331

DIBUJOS DE REFERENCIA			
SA-008578-008	SYS. DETECCIÓN-	DIAGRAMA BLOQUES/PID - CICLO ABIERTO	
SA-008578-051	SYS. DETECCIÓN-	EDIFICIO B74 - DISEÑO Y DETALLE	
SA-008578-072	SYS. DETECCIÓN-	LISTA DE CABLE - CICLO ABIERTO	

NOTAS

LIMITE BATERIA
 TIPO DE CABLE: PARA ADQUISICION INFORMACION CEI 332/3-C Y PARA SERIAL ACCION CEI 331
 ETIQUETA DE CABLE: 1A JDT + SANCID ETIQUETA (ETC. 1A JDT L1-001)

- LEYENDA:**
- DETECTOR DE HUMD ORIENTABLE
 - PULSADOR ALARMA ANTIINCENDIOS ORIENTABLE
 - PRESOSTATO CD2 / BAJA PRESION DE AIRE
 - SIRENA/SERIAL (EXTERNA)
 - SERIAL (INTERNA/EXTERNA)
 - MODULO AISLADOR
 - MODULO ENTRADA
 - MODULO SALIDA
 - MODULO RELÉ
 - RELÉ 24 Vdc PARA SUPERVISANDO ALIMENTACION
 - RESISTENCIA 47 KOhm
 - DIODO IN 4007

REV	FECHA	AUTOR	CONTR.POR	APR. POR	MODIFICACIONES	STATUS
F	13/05/2003	CHERUBIN	RECANATI	DE MARTIN	REVISADO COMO MOSTRADO	FUS
E	20/05/2003	MIRAMONTI	RECANATI	DE MARTIN	REVISADO COMO MOSTRADO	PRE
D	02/07/2003	ROSSI	RECANATI	DE MARTIN	REVISADO COMO MOSTRADO	PRE
C	11/07/2002	MIRAMONTI	RECANATI	DE MARTIN	REVISADO COMO MOSTRADO	PRE
B	27/09/2002	MIRAMONTI	RECANATI	DE MARTIN	REVISADO COMO MOSTRADO	PRE
A	02/09/2002	MIRAMONTI	RECANATI	DE MARTIN	PRIMERA EMISION	PRE

SUPPLIER NAME: **SANCO** SISTEMI ANTINCENDIO COSTRUZIONI SRL. N°: SA-008578/070
 VIA RAVIZZA 13/A - 28066 GALLIATE (NO) ITALIA SPECIFICATION N°:

COLBUN

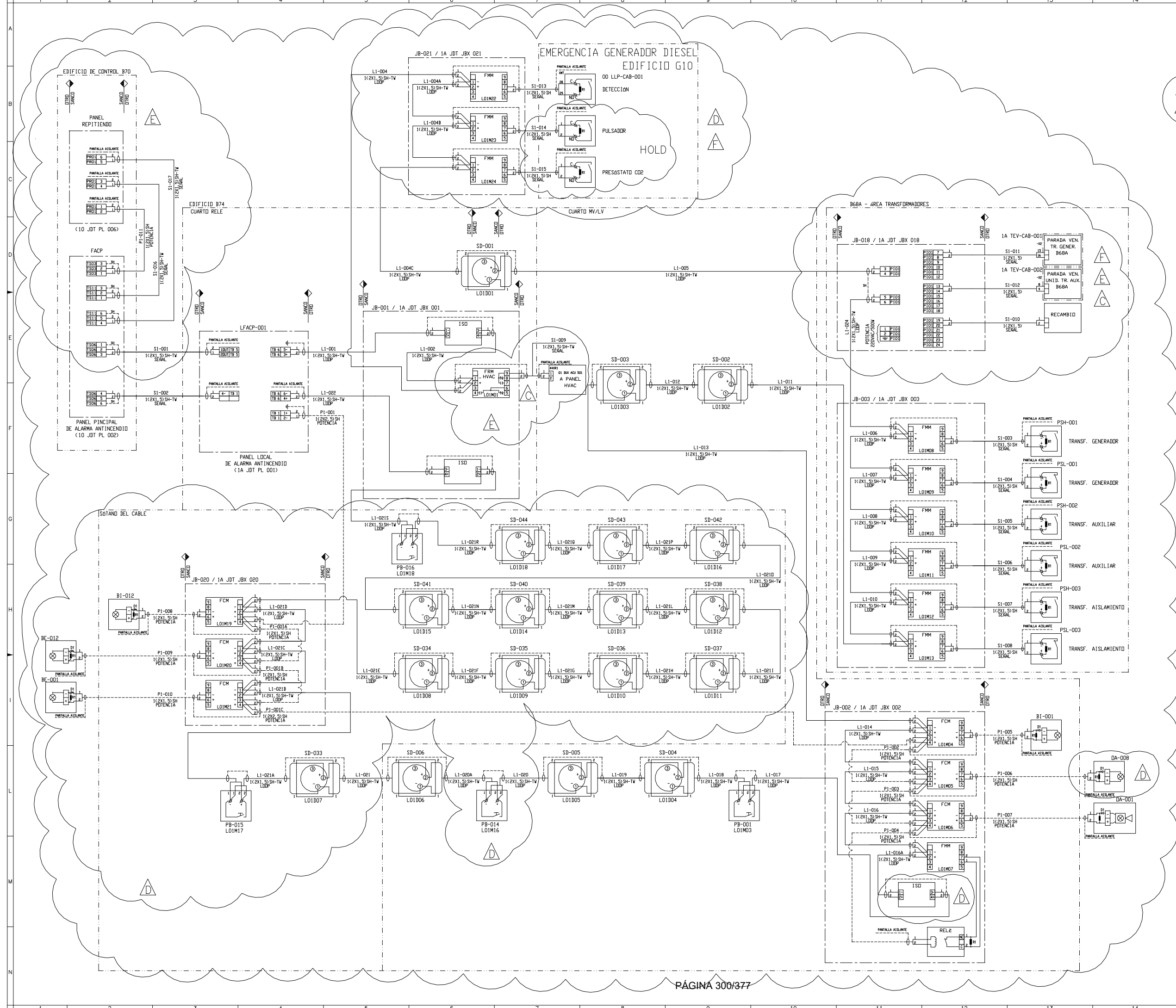
CONTRATO ANF2-C502
 AMPLIACION NEHUENCO FASE 2
 CHILE

ALSTOM STEAM POWER PLANTS SEGMENT
 POWER POWER PLANT BUSINESS

FIRE FIGHTING SYSTEM
 SISTEMA DE DETECCION
 DIAGRAMA DE INTERCON. - CICLO ABIERTO

Contract Doc - Number: NEH 01 M --- E01 WD 001 Revision: F

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SA-008578-011	DETECTION SYS. - BLOCK DIAGRAM/PID - COMBINED CYCLE
SA-008578-073	DETECTION SYS. - CABLE LIST - COMBINED CYCLE
SA-008578-046	DETECTION SYS. - LUBE OIL - LAYOUT AND DETAIL
SA-008578-055	DETECTION SYS. - BUILDING B63 - LAYOUT AND DETAIL
SA-008578-059	DETECTION SYS. - BUILDING B78 - LAYOUT AND DETAIL
SA-008578-063	DETECTION SYS. - BUILDING B79 - LAYOUT AND DETAIL
SA-008578-067	DETECTION SYS. - BUILDING E07 - LAYOUT AND DETAIL

NOTES

◆ SMOKED BATTERY LIMIT
 TYPE OF CABLES : FOR ACQUISITION INFORMATION CE1 332/3-C AND FOR ACTION SIGNAL CE1 331
 CABLE LABELLING : 10 JDT + SMOKED LABEL (ETC. 10 JDT L1-001)

LEGEND :

- ADDRESSABLE SMOKE DETECTOR
- SMOKE DETECTOR FOR EEx1 SAFETY AREA
- H2 GAS DETECTOR FOR EExd SAFETY AREA
- ADDRESSABLE FIRE ALARM PUSH BUTTON
- PRESSURE SWITCH / PRESSURE AIR LDW
- SIREN/BEACON (EXTERNAL)
- BEACON (INTERNAL/EXTERNAL)
- ISOLATOR MODULE
- INPUT MODULE
- OUTPUT MODULE
- RELAY MODULE
- RELAY 24 Vdc FOR POWER MONITORING
- INTELLIGENT SYSTEM TRANSLATOR
- SHUNT ZENER DIODE SAFETY BARRIER
- 47 KOhm RESISTANCE
- 1N 4007 DIODE

REV	DATE	AUTHOR	CHECK BY	APPROBY	MODIFICATIONS	STATUS
E	14/05/2003	BIGANZOLI	RECANATI	DELMARTIN	AS BUILT	FUS
D	31/03/2003	MIRAMONTI	RECANATI	DELMARTIN	REVISED AS SHOWN	PRE
C	07/01/2003	BOSS	RECANATI	DELMARTIN	REVISED AS SHOWN	PRE
B	31/03/2002	MIRAMONTI	RECANATI	DELMARTIN	REVISED AS SHOWN	PRE
A	24/09/2002	MIRAMONTI	RECANATI	DELMARTIN	FIRST ISSUE	PRE

SUPPLIER NAME: **SANCO** SISTEMI ANTINCENDIO COSTRUZIONI S.R.L. N°: SA-008578-071
 VIA RAVIZZA 13/A - 28066 GALLIATE (NO) ITALIA SPECIFICATION N°:

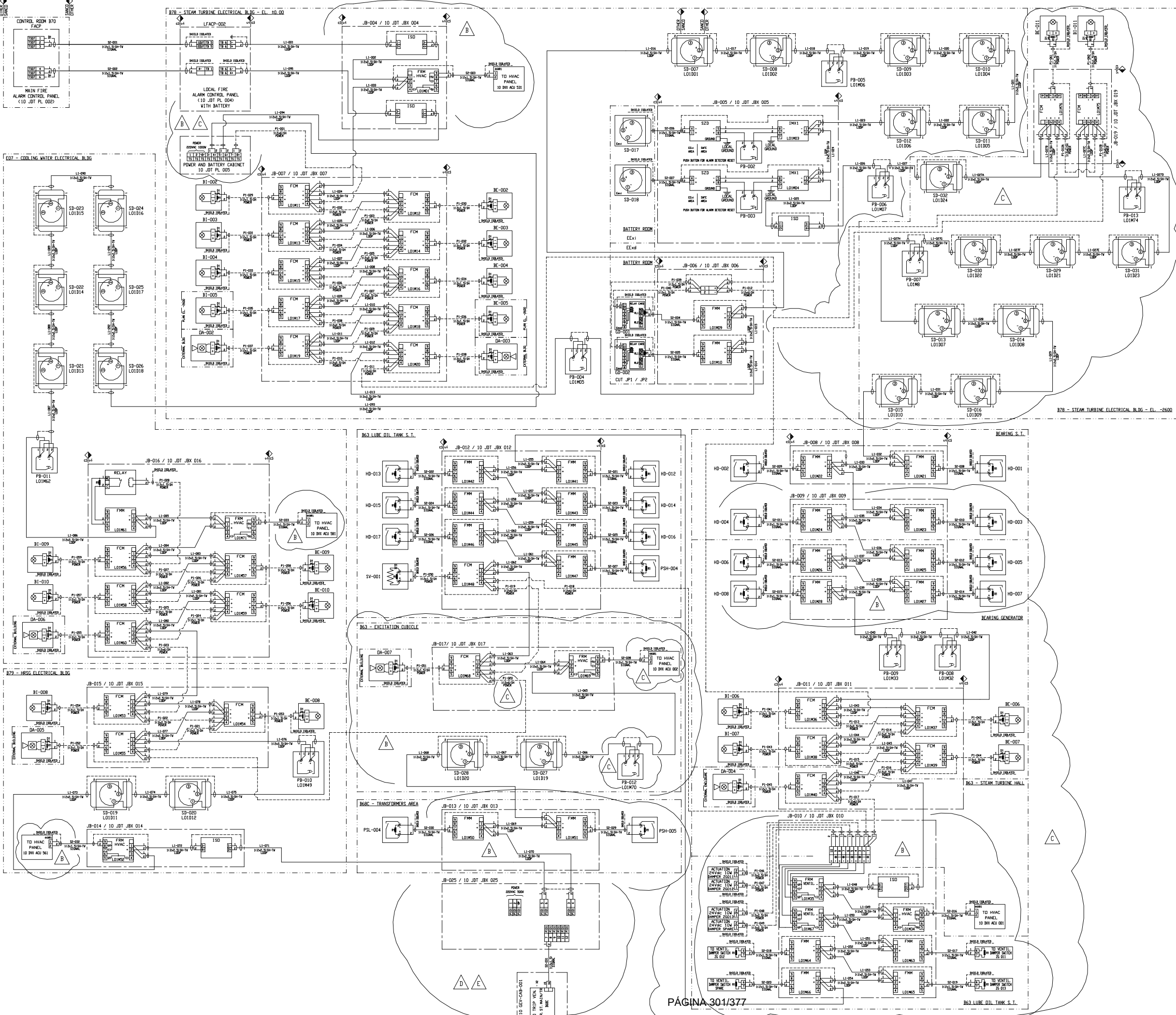
COLBUN
 CONTRATO ANF2-C502
 AMPLIACIÓN NEHUENCO FASE 2
 CHILE

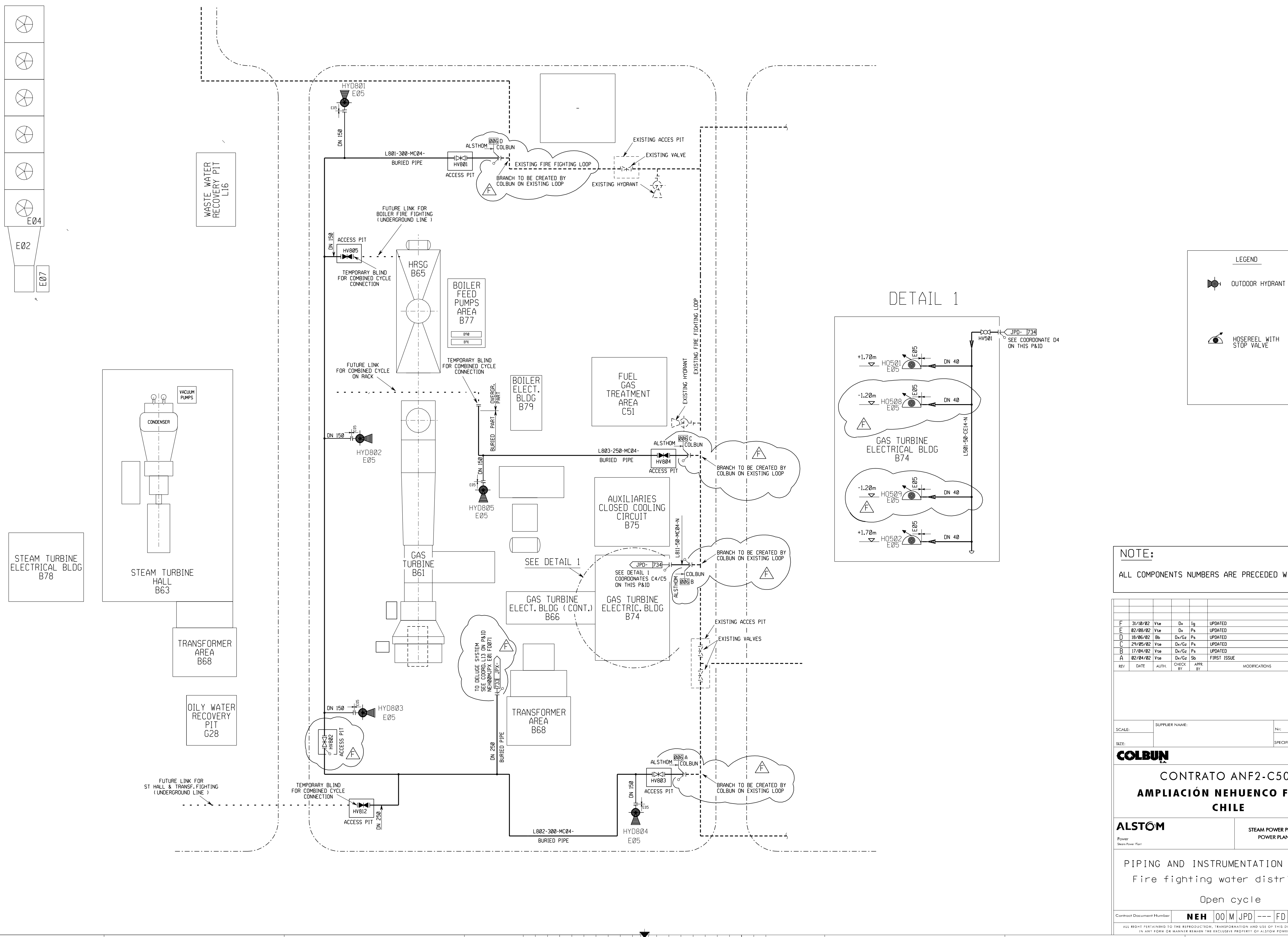
ALSTOM
 Steam Power Plants
 STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS

FIRE FIGHTING SYSTEM
 DETECTION SYSTEM
 WIRING DIAGRAM - COMBINED CYCLE

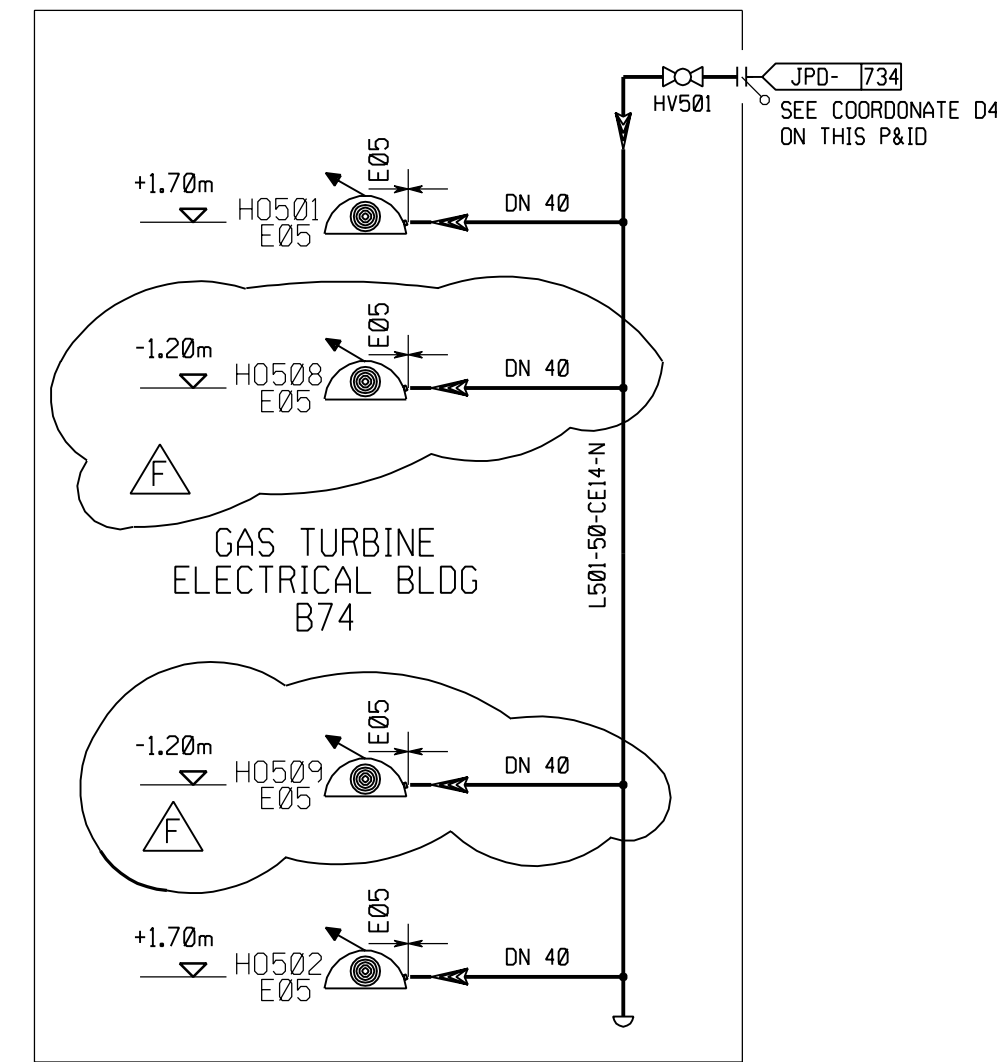
Contract Doc. Number: NEH 00 M --- E01 WD 002 Revision: E

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DETAIL 1



LEGEND

- OUTDOOR HYDRANT
- HOSEREEL WITH STOP VALVE

NOTE:
ALL COMPONENTS NUMBERS ARE PRECEDED WITH 00

REV	DATE	AUTH.	CHECK BY	APPR BY	MODIFICATIONS	STATUS
F	31/10/02	Vte	Dx	Ig	UPDATED	CFC
E	02/08/02	Vte	Dx	Ps	UPDATED	FUS
D	18/06/02	Bb	Dx/Gz	Ps	UPDATED	FUS
C	29/05/02	Vte	Dx/Gz	Ps	UPDATED	FUS
B	17/04/02	Vte	Dx/Gz	Ps	UPDATED	FRE
A	02/04/02	Vte	Dx/Gz	Sb	FIRST ISSUE	FRE

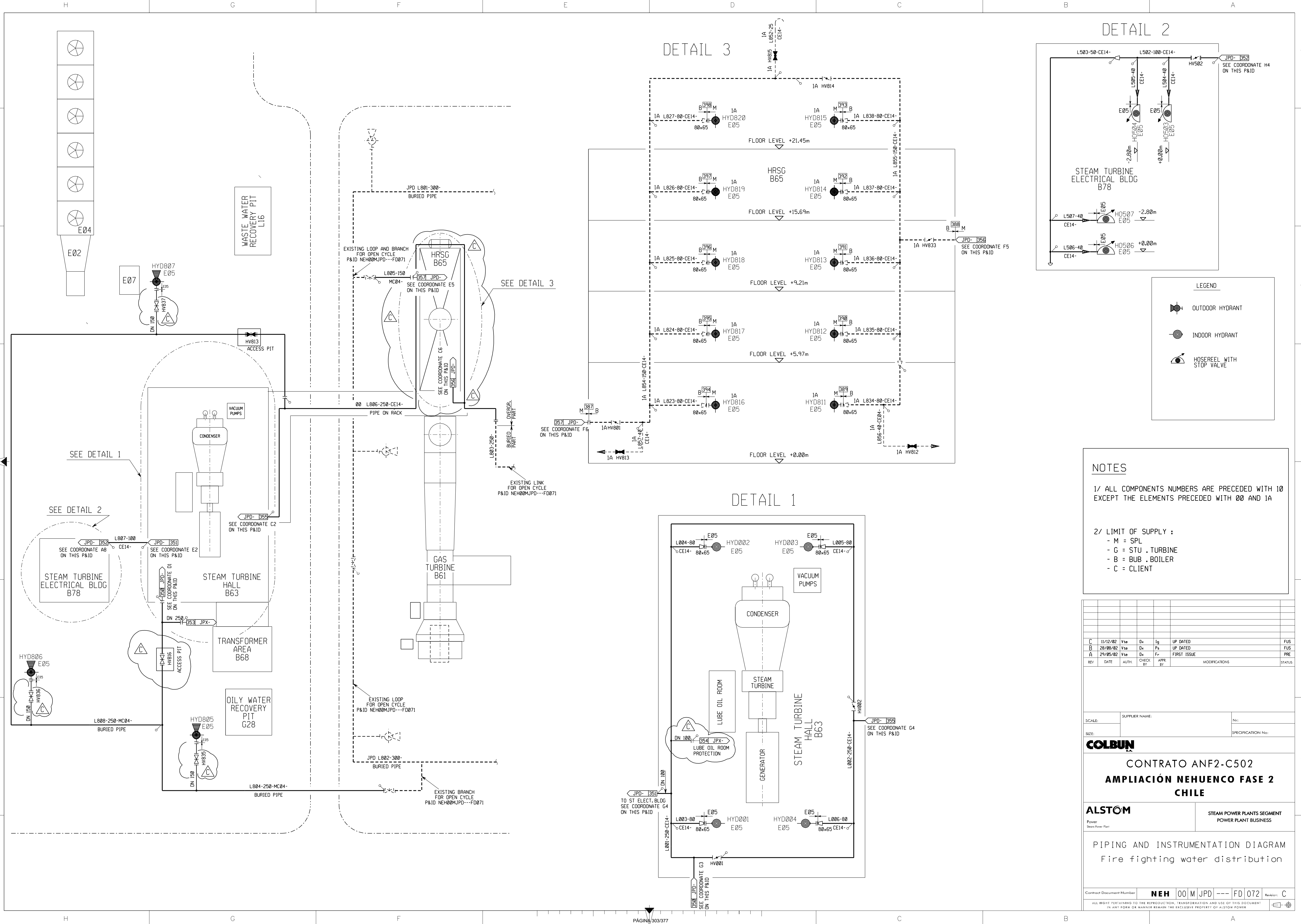
SCALE: SUPPLIER NAME: Nr: SPECIFICATION No:

COLBUN
CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2 CHILE

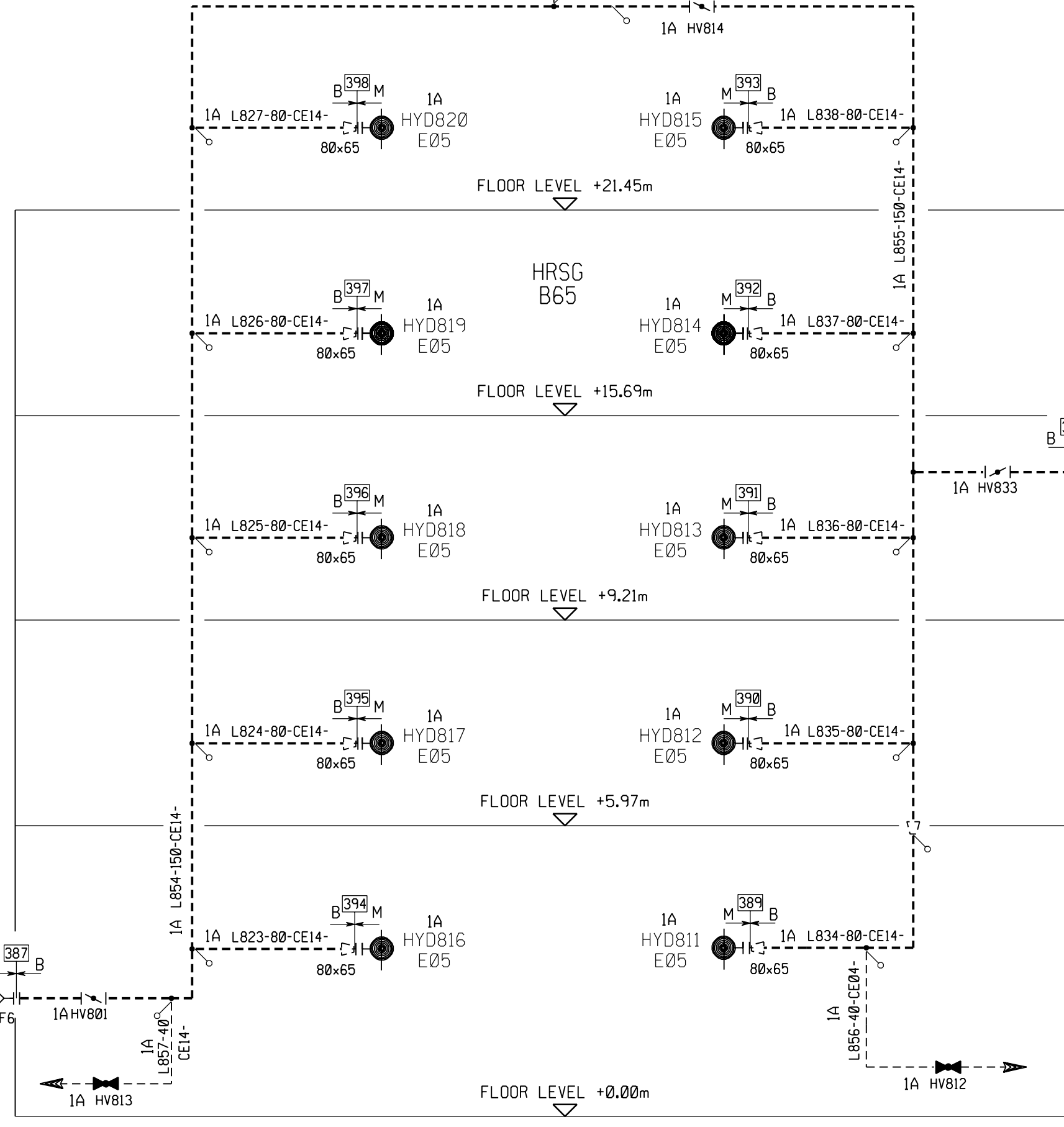
ALSTOM STEAM POWER PLANTS SEGMENT
POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
Fire fighting water distribution
Open cycle

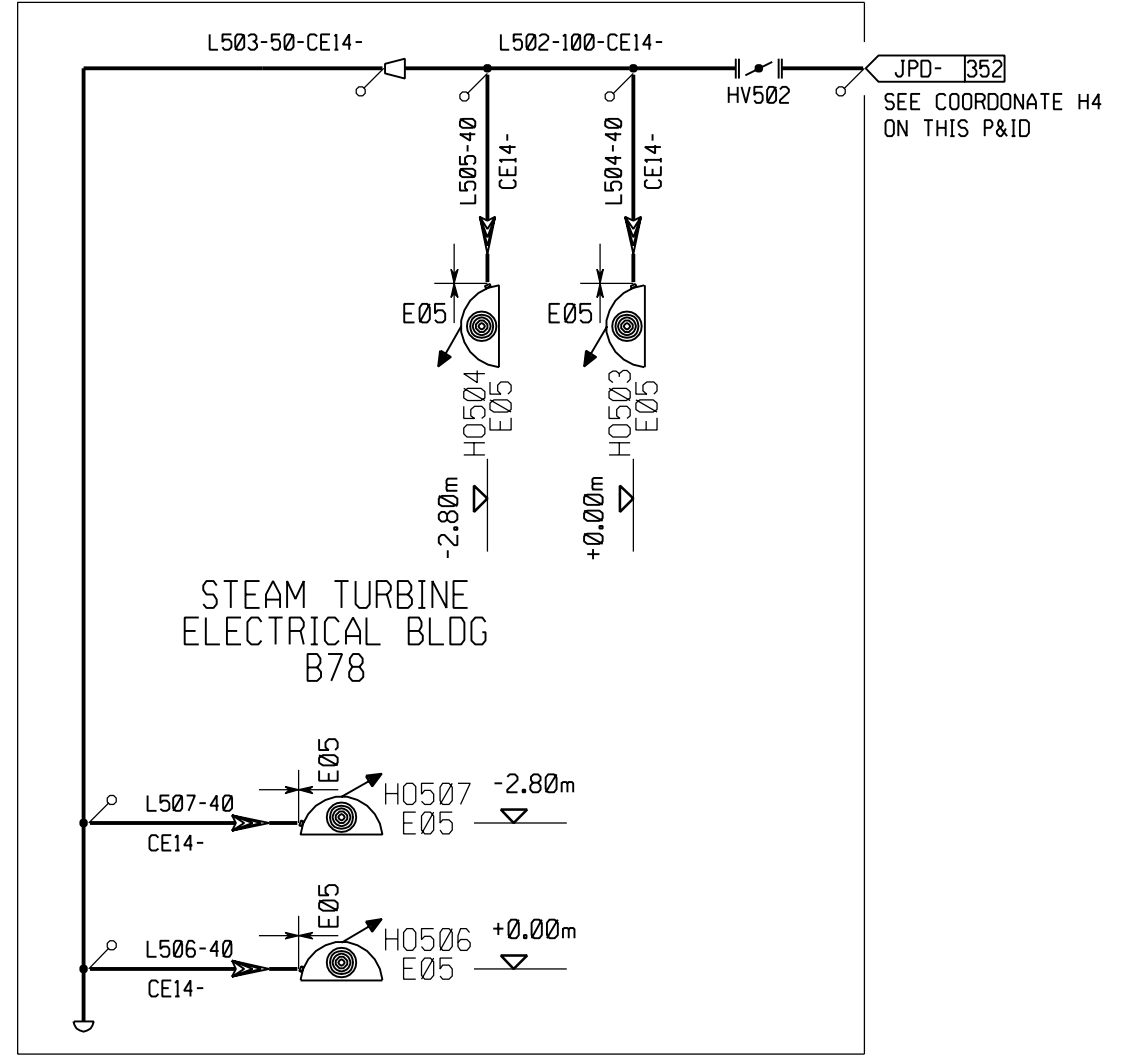
Contract Document Number: **NEH 00 M JPD --- FD 071** Revision: **F**
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DETAIL 3



DETAIL 2



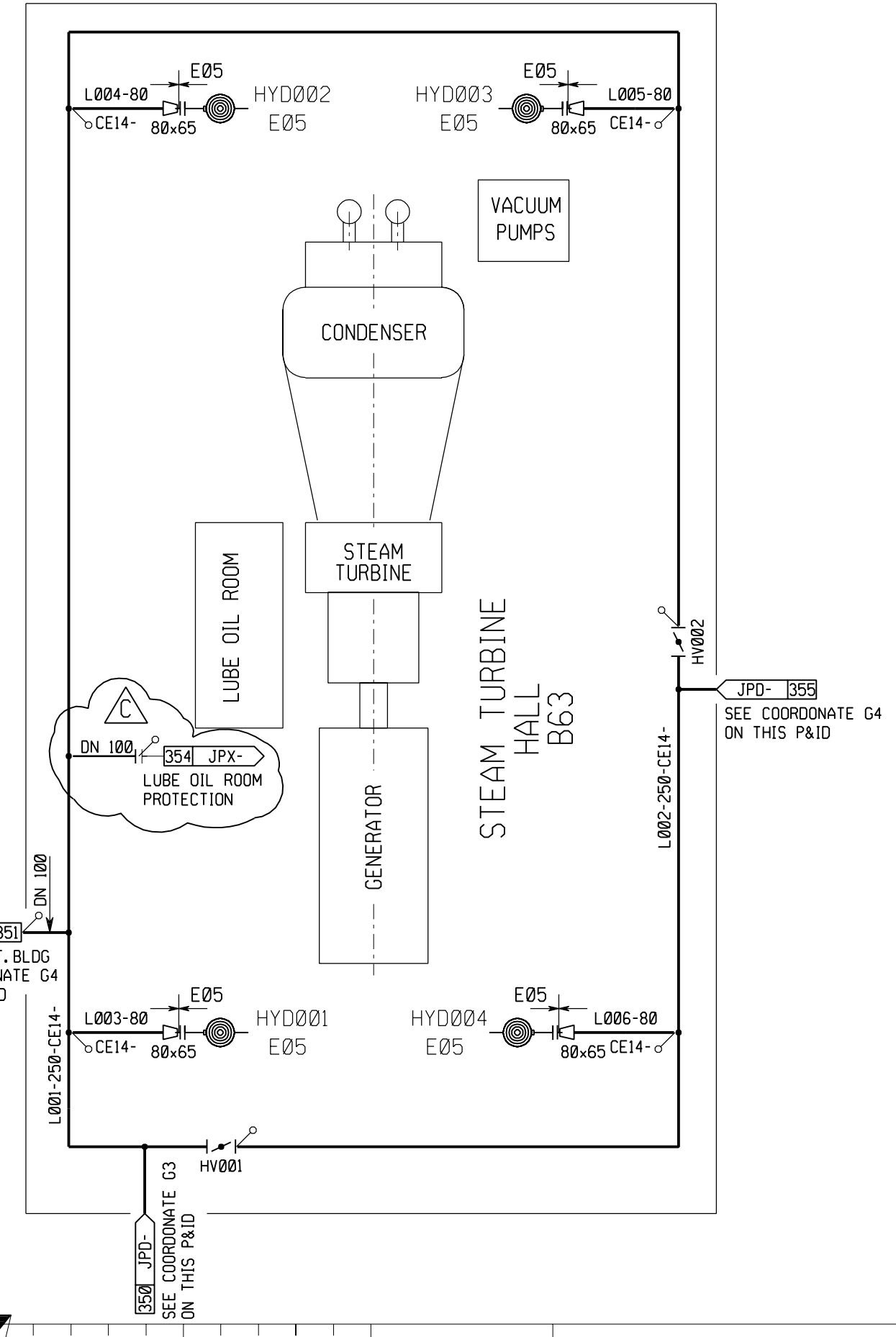
LEGEND

- OUTDOOR HYDRANT
- INDOOR HYDRANT
- HOSEREEL WITH STOP VALVE

NOTES

- 1/ ALL COMPONENTS NUMBERS ARE PRECEDED WITH 10 EXCEPT THE ELEMENTS PRECEDED WITH 00 AND 1A
- 2/ LIMIT OF SUPPLY :
 - M = SPL
 - G = STU .TURBINE
 - B = BUB .BOILER
 - C = CLIENT

DETAIL 1



REV	DATE	AUTH.	CHECK BY	APPR BY	MODIFICATIONS	STATUS
C	11/12/02	Vto	Dx	Ig	UP DATED	FUS
B	28/06/02	Vto	Dx	Ps	UP DATED	FUS
A	24/05/02	Vto	Dx	Fr	FIRST ISSUE	PRE

SCALE: _____ SUPPLIER NAME: _____

SIZE: _____ SPECIFICATION No: _____

COLBUN

CONTRATO ANF2-C502

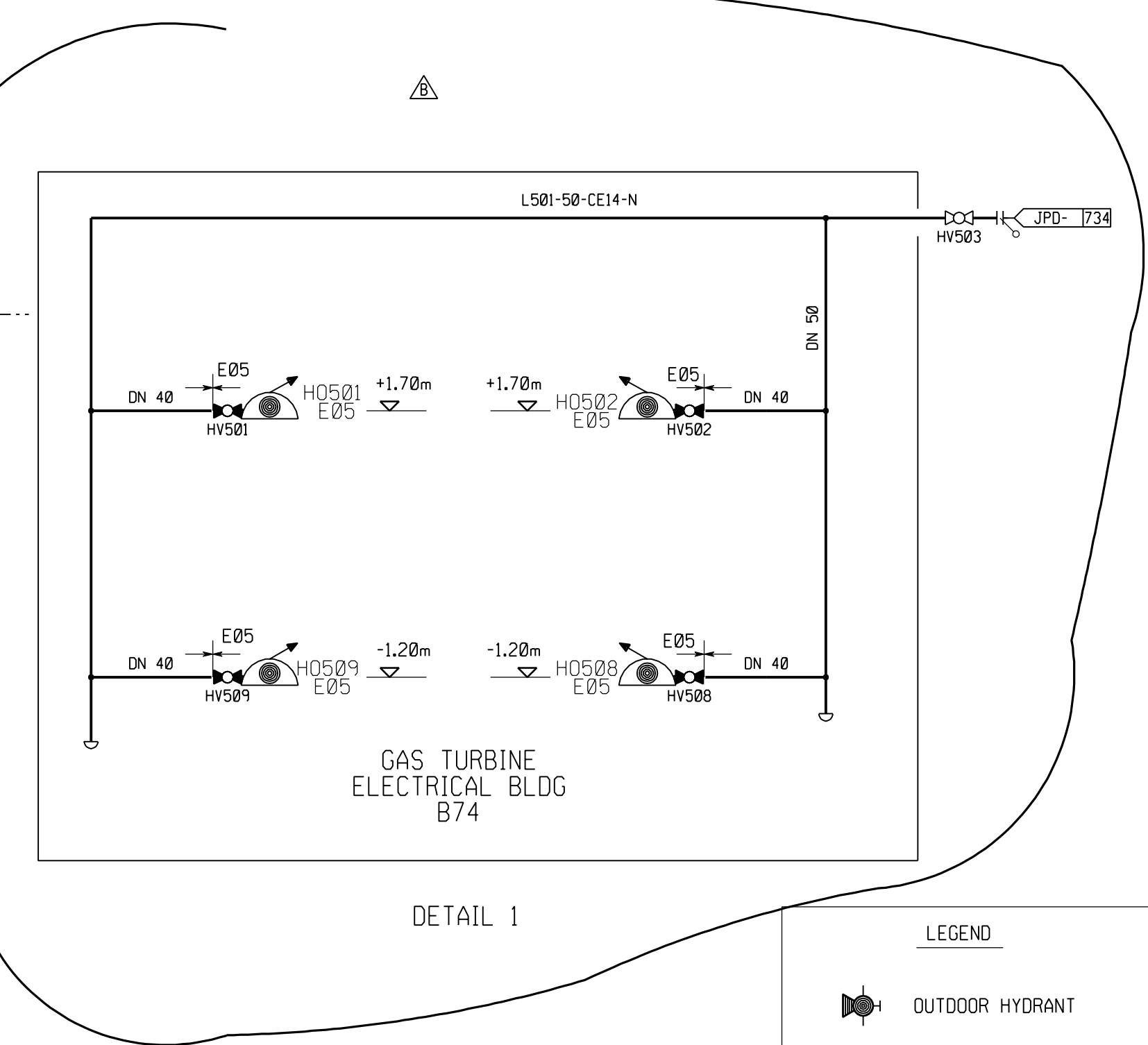
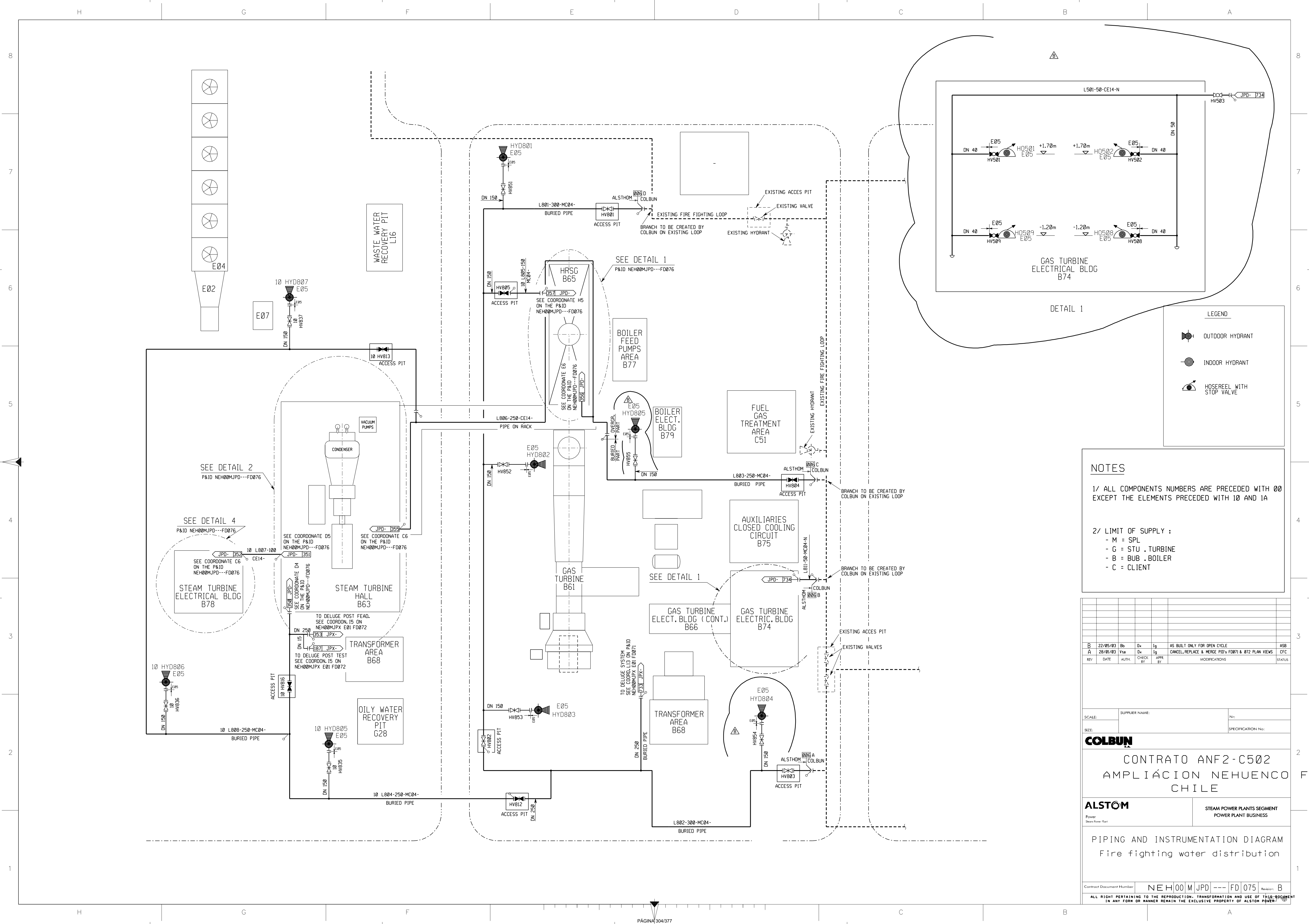
AMPLIACIÓN NEHUENCO FASE 2 CHILE

ALSTOM STEAM POWER PLANTS SEGMENT
POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
Fire fighting water distribution

Contract Document Number **NEH 00 M JPD --- FD 072** Revision: **C**

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LEGEND

- OUTDOOR HYDRANT
- INDOOR HYDRANT
- HOSE REEL WITH STOP VALVE

NOTES

1/ ALL COMPONENTS NUMBERS ARE PRECEDED WITH 00 EXCEPT THE ELEMENTS PRECEDED WITH 10 AND 1A

2/ LIMIT OF SUPPLY :

- M = SPL
- G = STU .TURBINE
- B = BUB .BOILER
- C = CLIENT

REV	DATE	AUTH.	CHECK BY	APP. BY	MODIFICATIONS	STATUS
B	22/05/03	Ib	Dx	Ig	AS BUILT ONLY FOR OPEN CYCLE	ASB
A	28/01/03	Vte	Dx	Ig	CANCEL, REPLACE & MERGE PID'S FD071 & 072 PLAN VIEWS	CFC

SCALE:	SUPPLIER NAME:	Nr:
SIZE:	SPECIFICATION No.:	

COLBUN

CONTRATO ANF2-C502
AMPLIACION NEHUENCO
CHILE

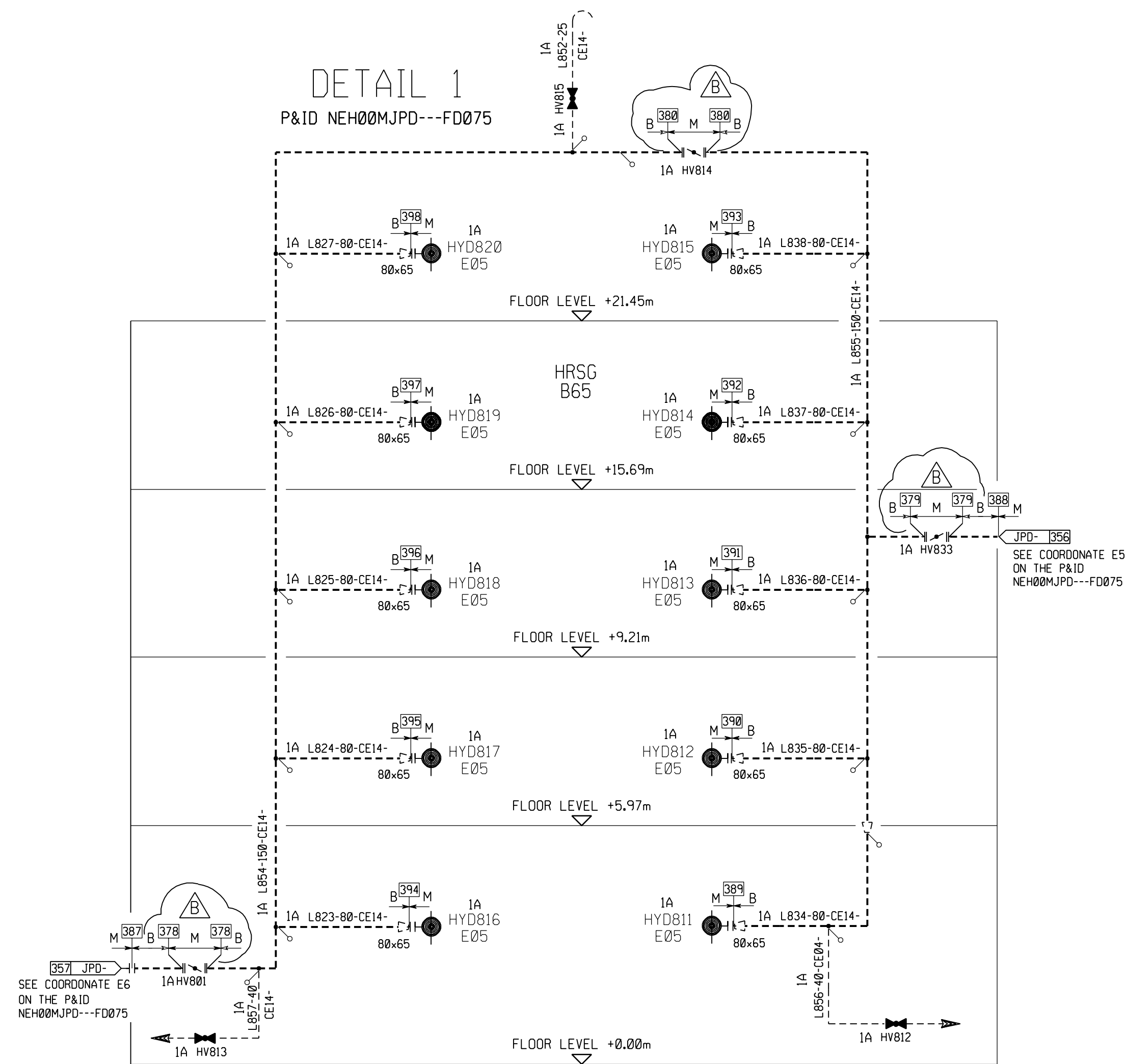
ALSTOM STEAM POWER PLANTS SEGMENT
POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
Fire fighting water distribution

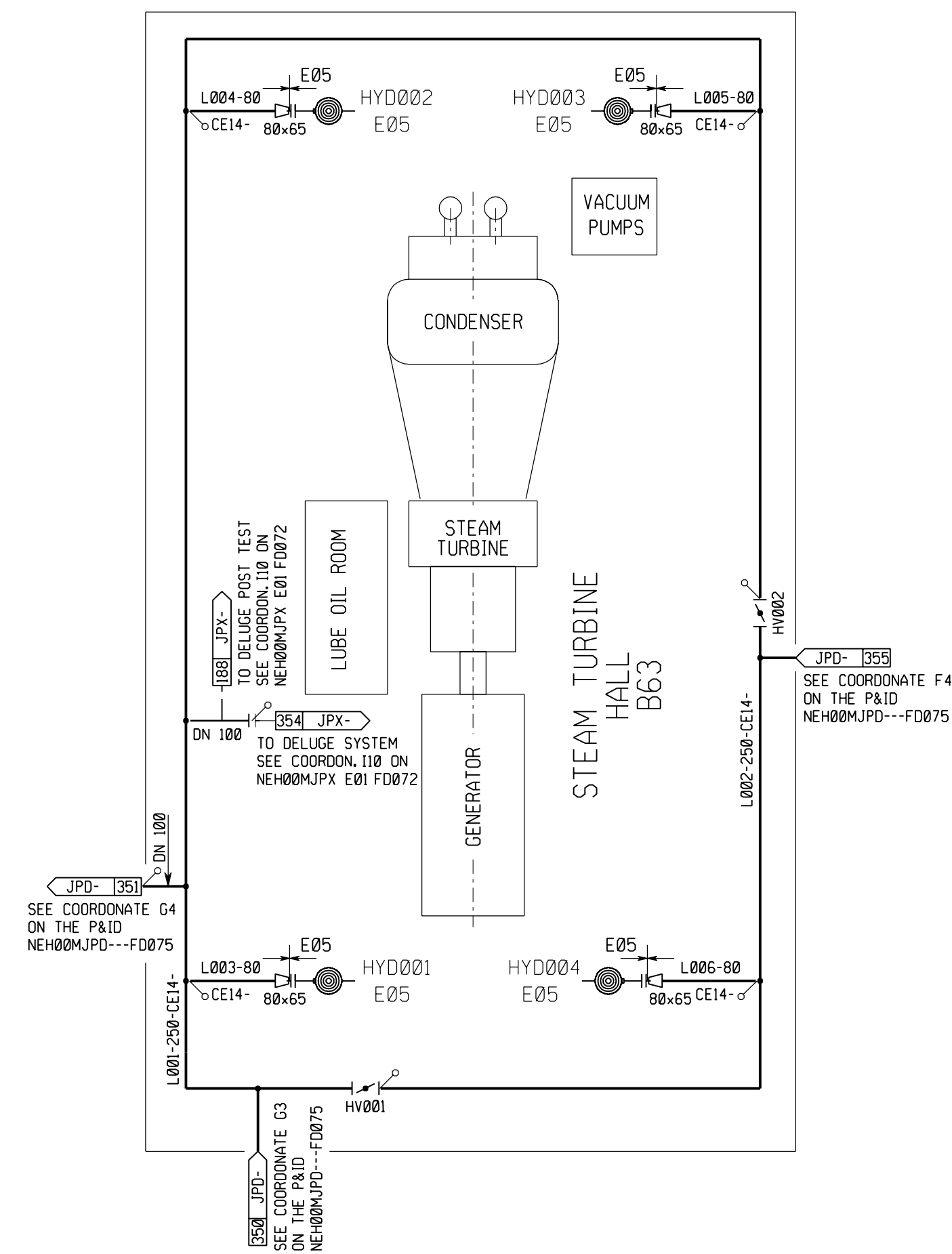
Contract Document Number	NEH00M JPD --- FD 075	Revision	B
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DETAIL 1
P&ID NEH00MJPD---FD075

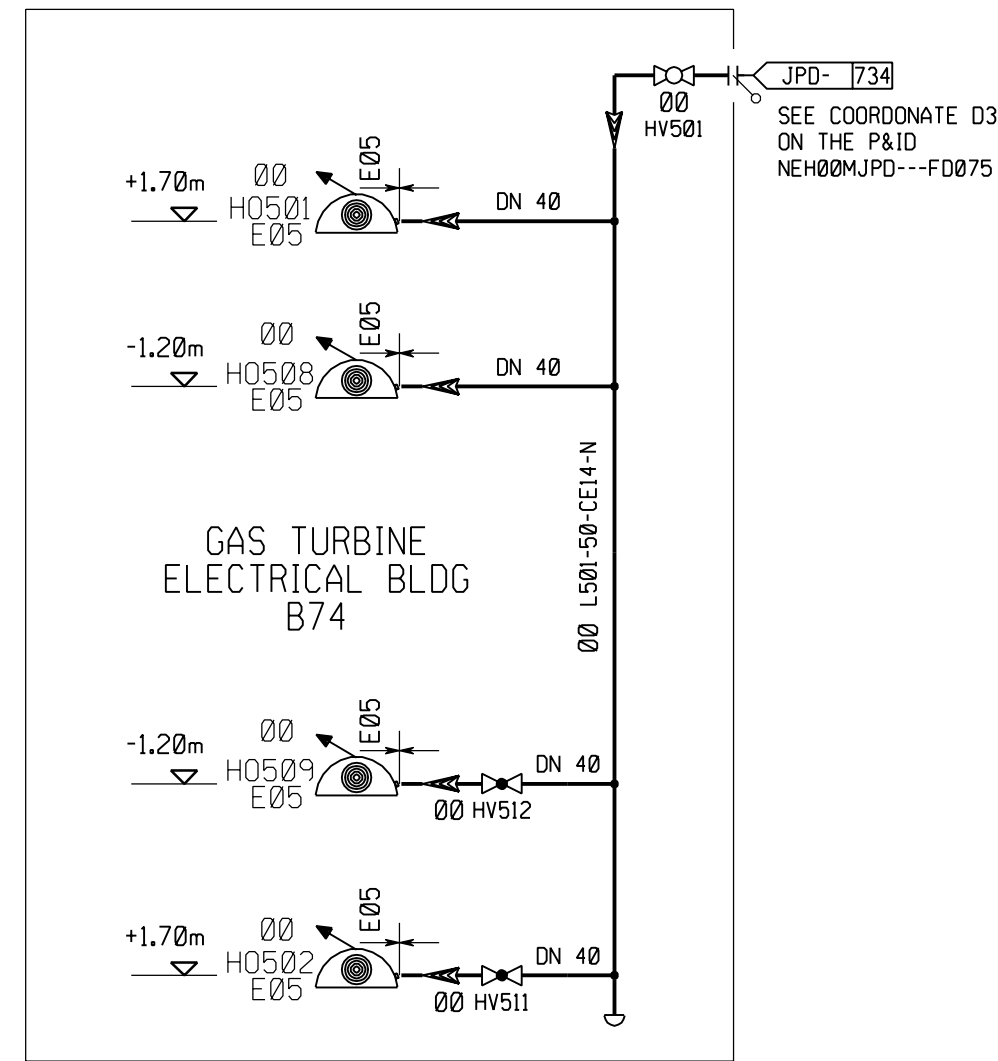


DETAIL 2
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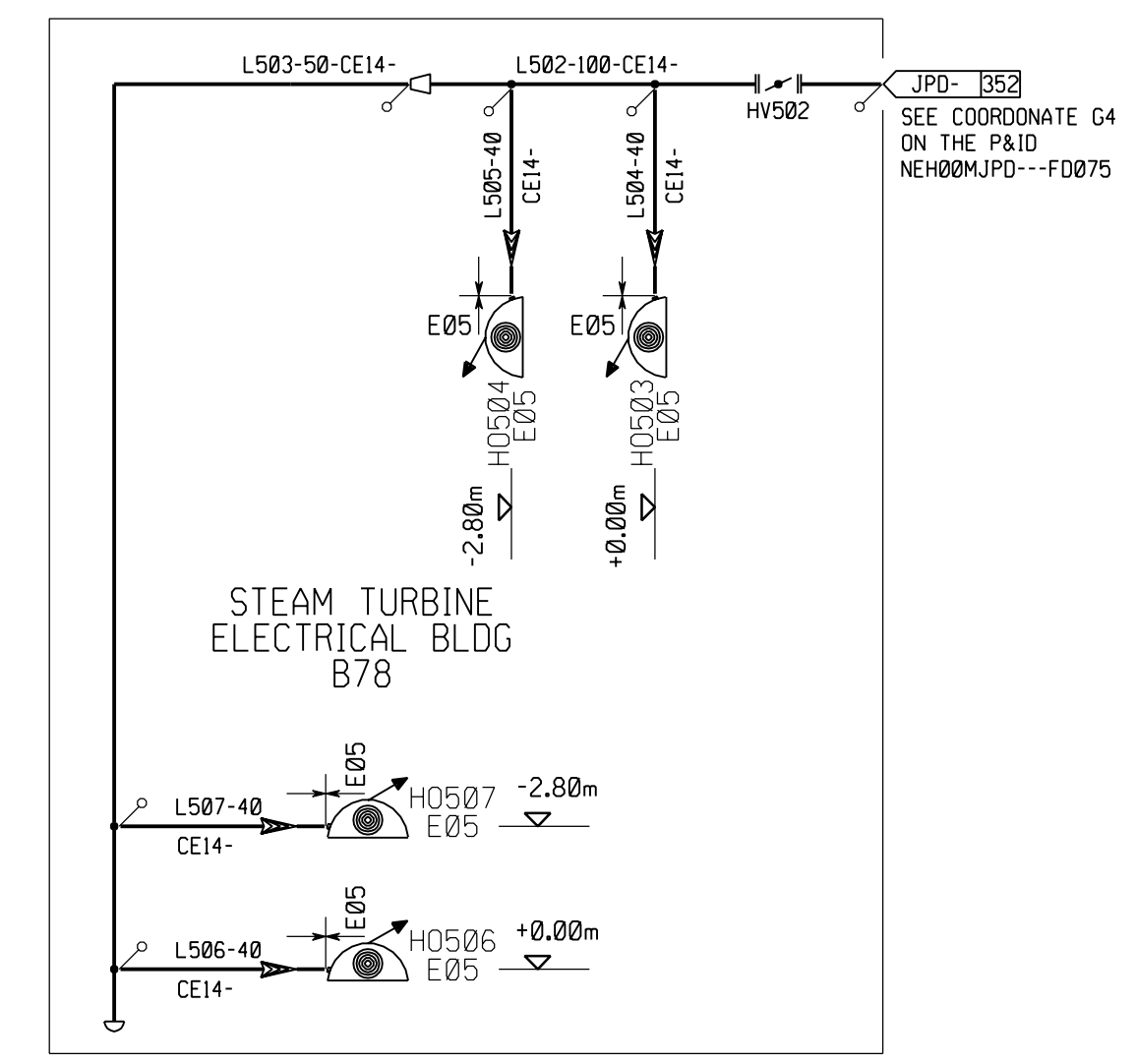


NOTES
 1/ ALL COMPONENTS NUMBERS ARE PRECEDED WITH 10 EXCEPT THE ELEMENTS PRECEDED WITH 00 AND 1A
 2/ LIMIT OF SUPPLY :
 - M = SPL
 - G = STU . TURBINE
 - B = BUB . BOILER
 - C = CLIENT

DETAIL 3
P&ID NEH00MJPD---FD075



DETAIL 4
P&ID NEH00MJPD---FD075



REV	DATE	AUTH.	CHECK BY	APPR. BY	MODIFICATIONS	STATUS
B	26/02/03	Vie	Dx	Ig	UPDATED	CFC
A	28/01/03	Vie	Dx	Ig	CANCEL, REPLACE & MERGE PID'S FD071 & 072 DETAIL VIEWS	CFC

SCALE: _____ SUPPLIER NAME: _____

SIZE: _____ SPECIFICATION No: _____

COLBUN

**CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2
CHILE**

ALSTOM Power Steam Power Plant STEAM POWER PLANTS SEGMENT POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
Fire fighting water distribution

Contract Document Number: **NEH 00 M JPD --- FD 076** Revision: **B**

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SÍMBOLO	DESCRIPCIÓN
	TOBERA ROTACIONADA
	DETECCIÓN NEUMÁTICA - ROTACIONADA 79°C
	LÍNEA DE TUBOS
	LÍNEA ELÉCTRICA
	VALVULA DE DILUVIO 6" / 4"
	VALVULA DE DILUVIO 2"
	VALVULA DE CIERRE "ABIERTA"
	VALVULA DE CIERRE "CERRADA"
	VALVULA DE ESFERA "ABIERTA"
	VALVULA BLOQUEADA
	VALVULA DE RETENCIÓN
	VALVULA DE ANGULO "CERRADA"
	VALVULA DE 3 VÍAS
	FILTRO A "Y"
	VALVULA LIMITADORA DE PRESIÓN
	ACTUADOR MANDO DEL SECADO
	AGUJERO DE DRENAJE
	REDUCCIÓN
	REDUCTOR DE PRESIÓN
	MANÓMETRO
	PRESOSTATO ALTO
	PRESOSTATO BAJO
	CAJA DE DISTRIBUCIÓN

DIBUJOS DE REFERENCIA

SA-008578/014	DELUGE SYS. - TR TG GEN. TR. B68A - PIPING LAYOUT
SA-008578/021	DELUGE SYS. - TR TG AUX TR. B68A - PIPING LAYOUT
SA-008578/029	DELUGE SYS. - TR TG ISOL. TR. B68A - PIPING LAYOUT

NOTAS

- TAMAROS EN mm
- ALTURAS EN mm

DESEDE DISTRIB. AIRE INSTRUM. SEE COORDENADAS D2 EN NEH 00 M SAR --- FD065

DESEDE DISTR. AGUA ANTINCENDIOS JPD7333 VEA COORDENADAS E3 EN NEH 00 M JPD --- FD 075

TRANSFORMADOR AISLAMIENTO

CANTIDAD TOBERAS	# PULGADAS	TIPO TOBERA	TASA FLUJO L/1"	PRES. BAR G.	GRADOS ANGLIO
20	1/2" NPT	HH 40	~25	2.0	90°

N°12 ROTACIONADO K80 - 79°C 1/2"

TRANSFORMADOR GENERADOR

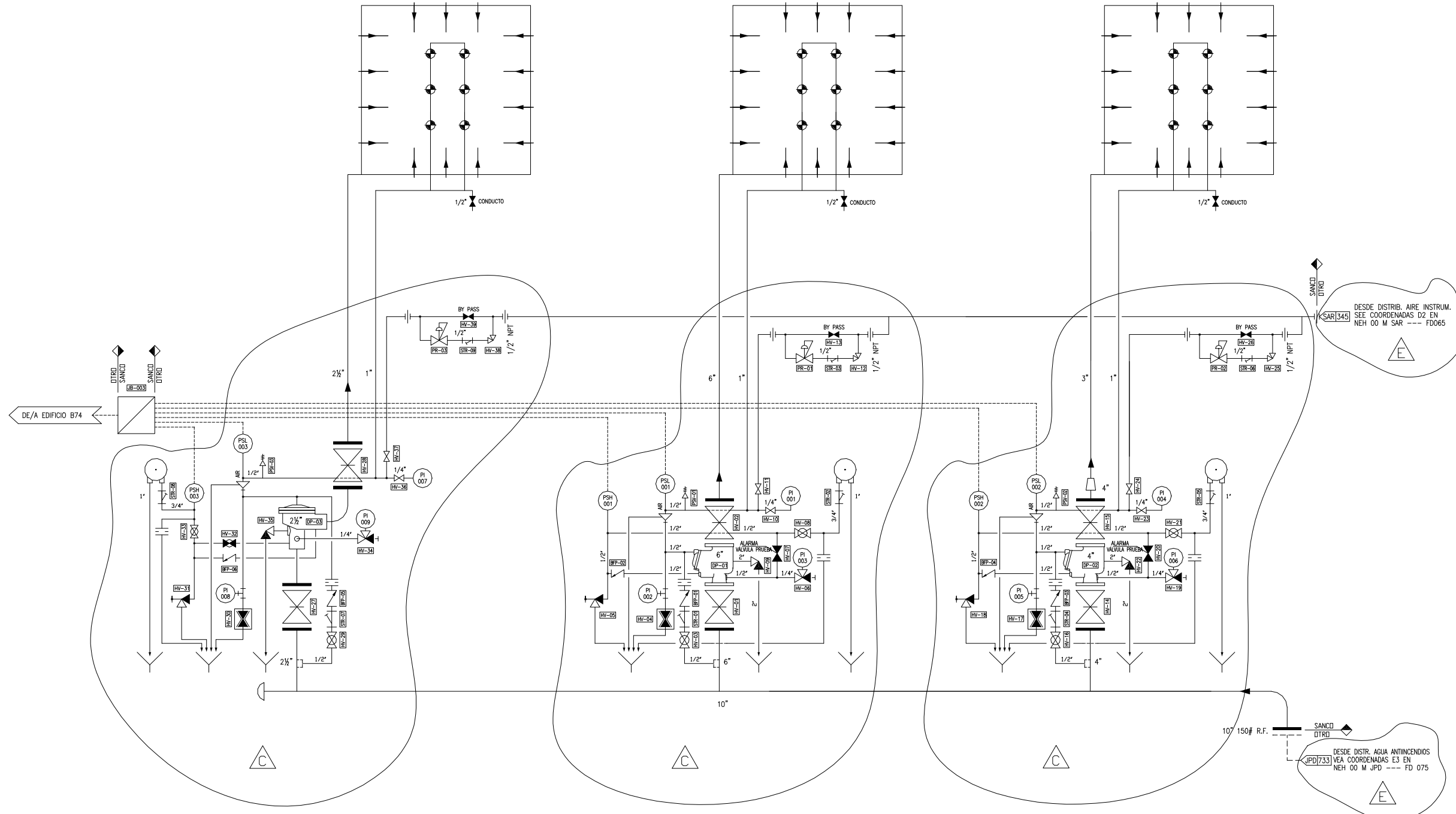
CANTIDAD TOBERAS	# PULGADAS	TIPO TOBERA	TASA FLUJO L/1"	PRES. BAR G.	GRADOS ANGLIO
29	3/4" NPT	HH 7	~51	2.0	90°
25	3/4" NPT	HH 4	~29	2.0	70°
27	1/2" NPT	HH 40	~25	2.0	90°

N°39 ROTACIONADO - 79°C 1/2"

TRANSFORMADOR AUXILIAR

CANTIDAD TOBERAS	# PULGADAS	TIPO TOBERA	TASA FLUJO L/1"	PRES. BAR G.	GRADOS ANGLIO
26	3/4" NPT	HH 4	~29	2.0	70°
3	1/2" NPT	HH 40	~25	2.0	90°

N°19 ROTACIONADO - 79°C 1/2"



REV	FECHA	AUTOR	CONTR.	POB/PROV.	PCB	MODIFICACIONES	STATUS
E	04/06/2003	CHERUBINI	RECANATI	DE MARTIN	REVISADO COMO MOSTRADO		FUS
D	08/07/2003	MIRAMONTI	RECANATI	DE MARTIN	REVISADO COMO MOSTRADO		PRE
C	11/05/2002	MIRAMONTI	RECANATI	DE MARTIN	REVISADO COMO MOSTRADO		PRE
B	05/06/2002	MIRAMONTI	RECANATI	DE MARTIN	REVISADO COMO MOSTRADO		PRE
A	15/07/2002	MIRAMONTI	RECANATI	DE MARTIN	PRIMERO ENVIO		PRE

SUPPLIER NAME: **SANCO** SISTEMI ANTINCENDIO COSTRUZIONI S.R.L. N° SA-008578-007
 VIA RAVIZZA 13/A - 28066 GALLATE OND. ITA SPECIFICATION N°:

COLBUN
 CONTRATO ANF2-C502
 AMPLIACIÓN NEHUENCO FASE 2
 CHILE

ALSTOM POWER
 Steam Power Plants
 STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS

FIRE FIGHTING SYSTEM
 SISTEMA.A.DILUVIO
 DIAGRAMA.PID-CICLO.ABIERTO

Contract Doc - Number	NEH 00 M E01 JPX FD 071	Revision : E
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TODOS DERECHOS RELATIVOS A LA REPRODUCCIÓN, TRANSFORMACIÓN Y USO DE ESTE DOCUMENTO EN CUALQUIER FORMA O MANERA QUEDAN BAJO LA PROPIEDAD EXCLUSIVA DE ABB ALSTOM POWER

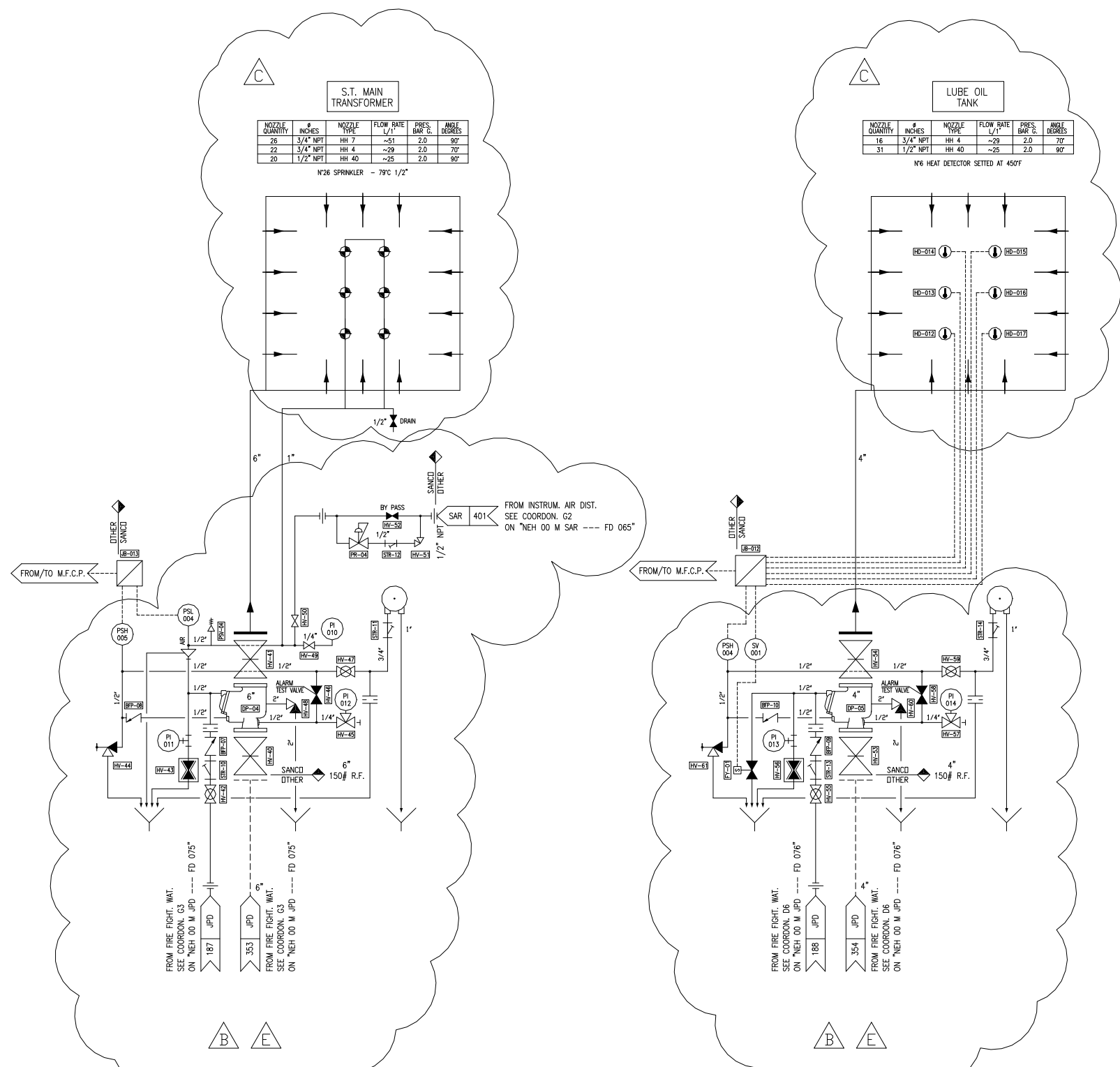
SYMBOL	DESCRIPTION
	SPRAY NOZZLE
	PNEUMATIC DETECTION - SPRINKLER 79°C
	HEAT DETECTOR
	PIPE LINE
	ELECTRICAL LINE
	DELUGE VALVE
	GATE VALVE "OPEN"
	GATE VALVE "CLOSED"
	BALL VALVE "OPEN"
	LOCKED VALVE
	CHECK VALVE
	ANGLE VALVE "CLOSED"
	3 WAYS VALVE
	SOLENOID VALVE
	1" Y STRAINER
	PRESSURE RELIEF VALVE
	DRY PILOT ACTUATOR
	DRAIN ORIFICE
	AIR ORIFICE RESTRICTION
	REDUCTION
	PRESSURE GAUGE
	PRESSURE SWITCH HIGH
	PRESSURE SWITCH LOW
	JUNCTION BOX

REFERENCE DRAWINGS

- SA-008578/035 DELUGE SYS. - TR ST MAIN TR. B68C - PIPING LAYOUT
- SA-008578/041 DELUGE SYS. - LUBE OIL TANK - PIPING LAYOUT

NOTES

1. DIMENSION ARE IN mm
2. ELEVATION ARE IN mm



REV	DATE	AUTHOR	CHECK BY	APPROBY	MODIFICATIONS	STATUS
E	13/06/2003	CHERUBIN	RECENATI	DELMARTIN	AS BUILT	FUS
D	04/04/2003	MIRAMONTI	RECENATI	DELMARTIN	REVISED AS SHOWN	PRE
C	09/09/2002	MIRAMONTI	RECENATI	DELMARTIN	REVISED AS SHOWN	PRE
B	11/07/2002	MIRAMONTI	RECENATI	DELMARTIN	REVISED AS SHOWN	PRE
A	10/07/2002	MIRAMONTI	RECENATI	DELMARTIN	FIRST ISSUE	PRE

SUPPLIER NAME: **SANCO** SISTEMI ANTINCENDIO COSTRUZIONI SRL. N°: SA-008578-010
 VIA RAVIZZA 13/A - 28066 GALLIATE (NO) ITALIA SPECIFICATION N°:

COLBUN
 CONTRATO ANF2-C502
 AMPLIACIÓN NEHUENCO FASE 2
 CHILE

ALSTOM
 POWER
 Steam Power Plants

STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS

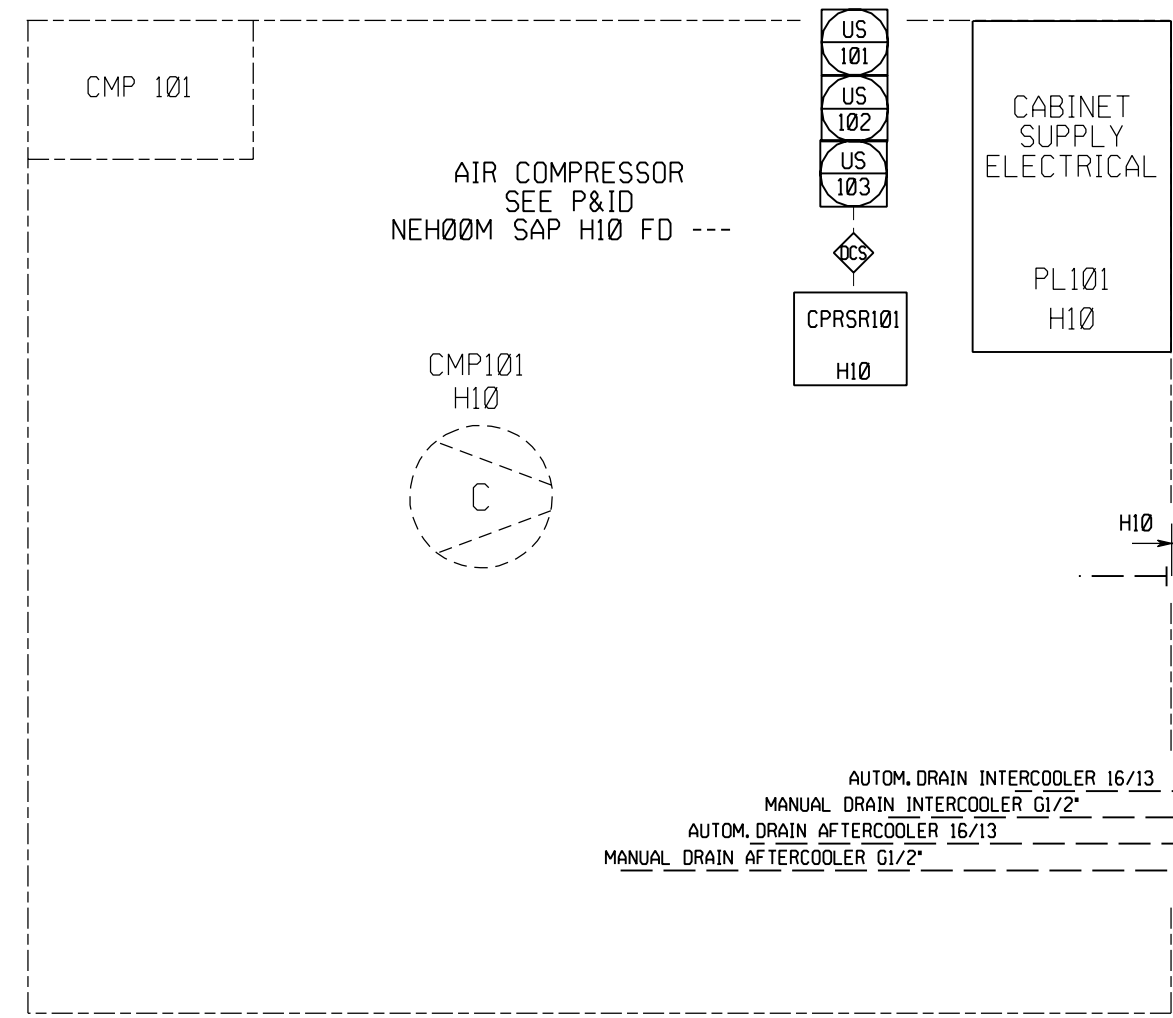
FIRE FIGHTING SYSTEM
 DELUGE SYSTEM
 PID DIAGRAMS - COMBINED CYCLE

Contract Doc Number	NEH	00	M	JPX	E01	FD	072	Revision	: E
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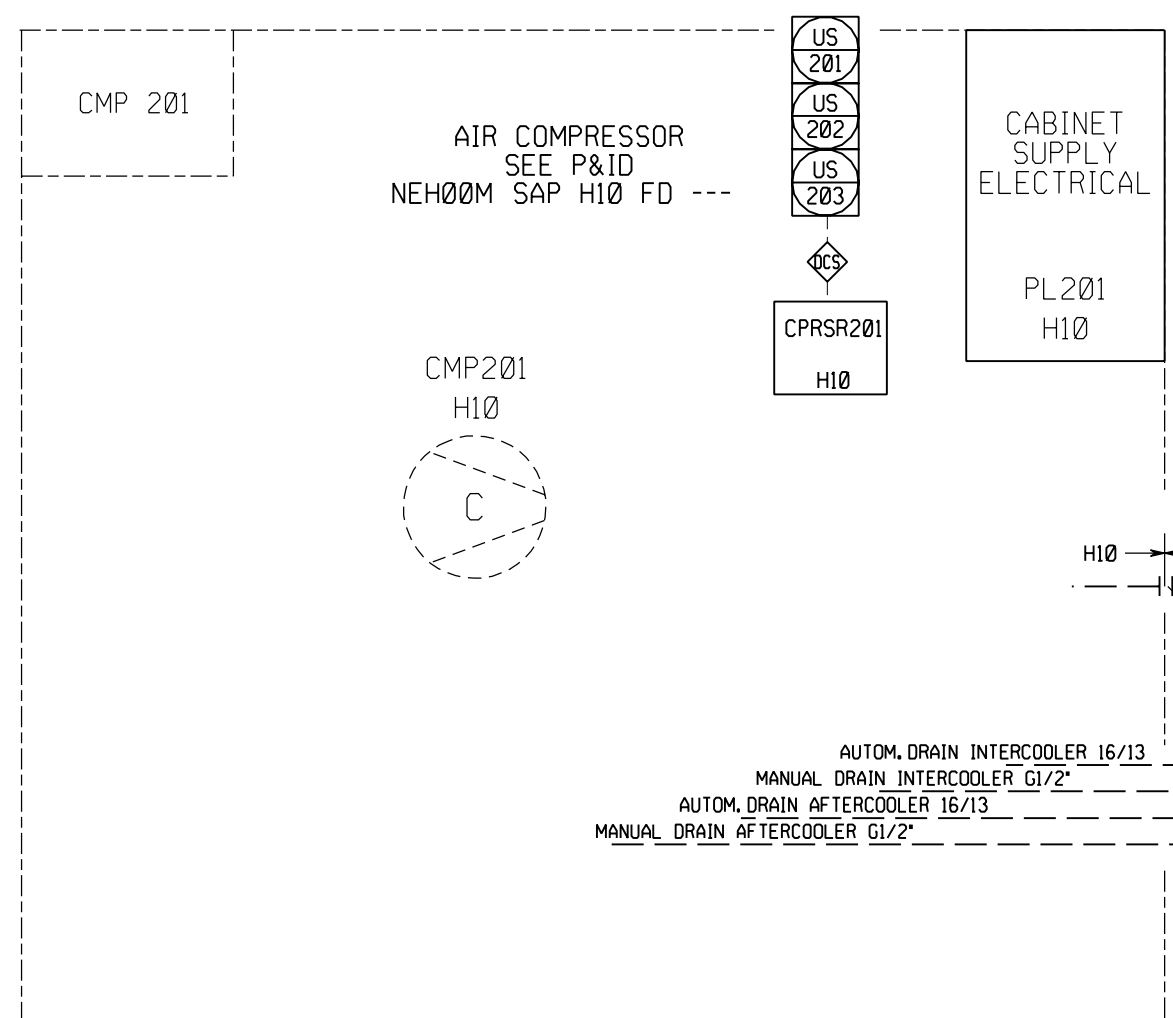
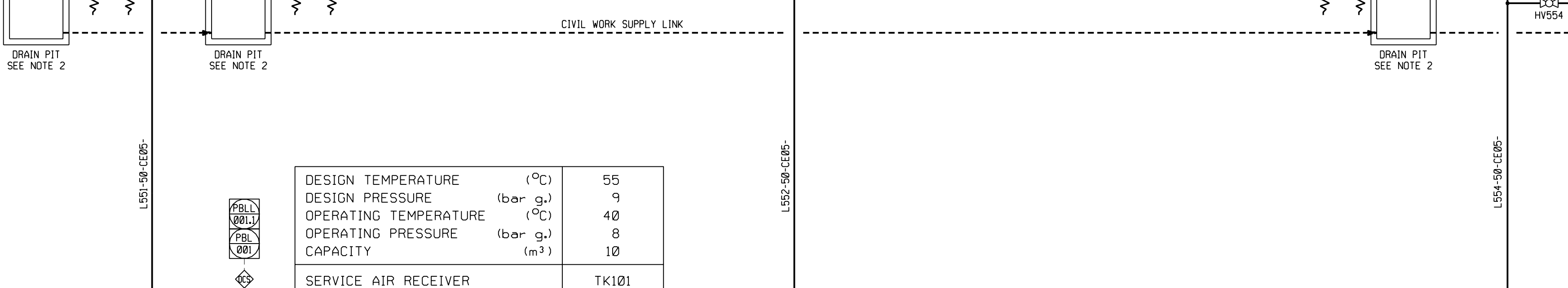
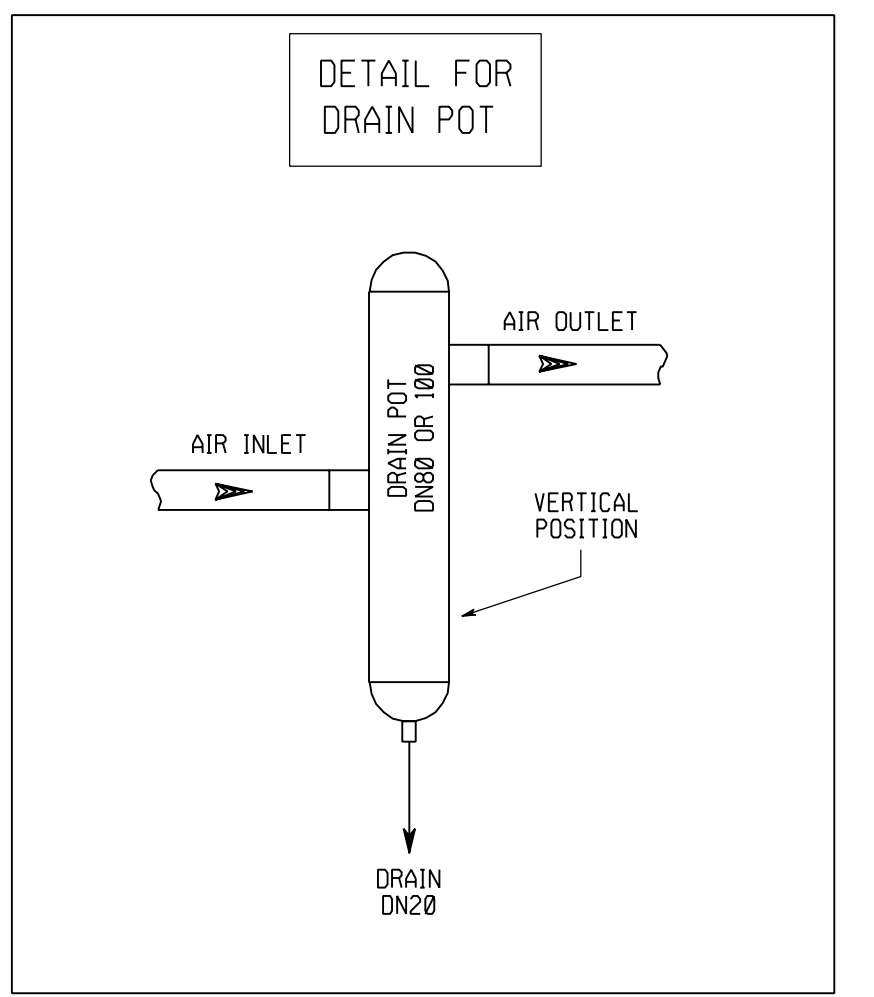
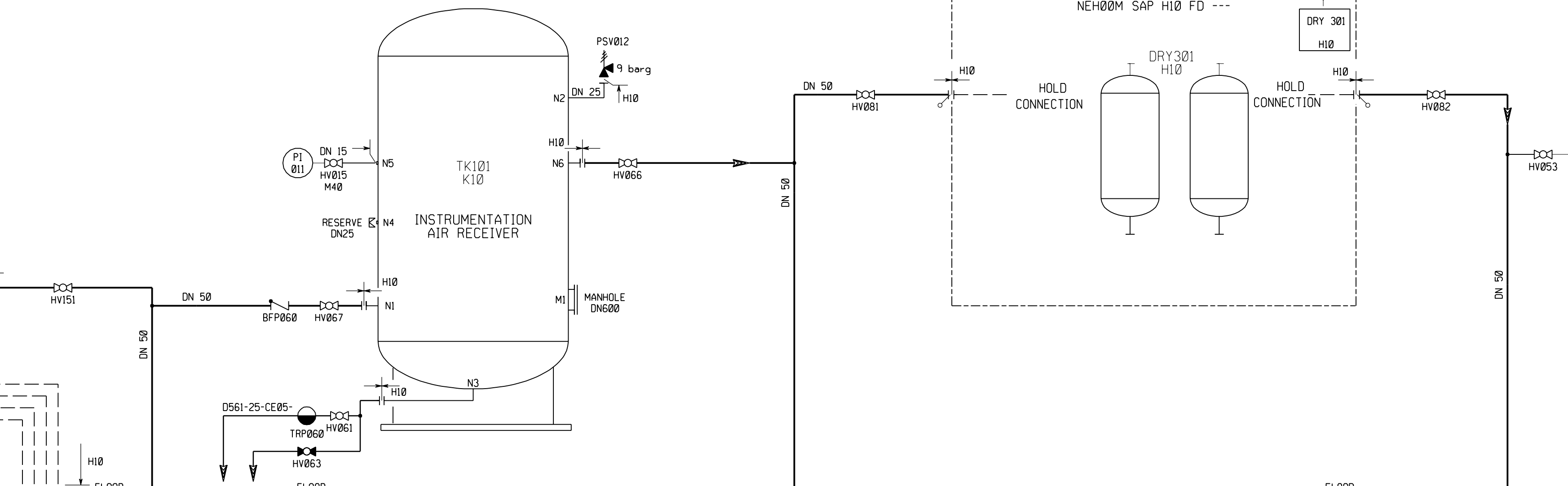
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DESIGN TEMPERATURE (°C)	55
DESIGN PRESSURE (bar g.)	9
OPERATING TEMPERATURE (°C)	40
OPERATING PRESSURE (bar g.)	8
CAPACITY (m ³)	10
INSTRUMENTATION AIR RECEIVER	TK101

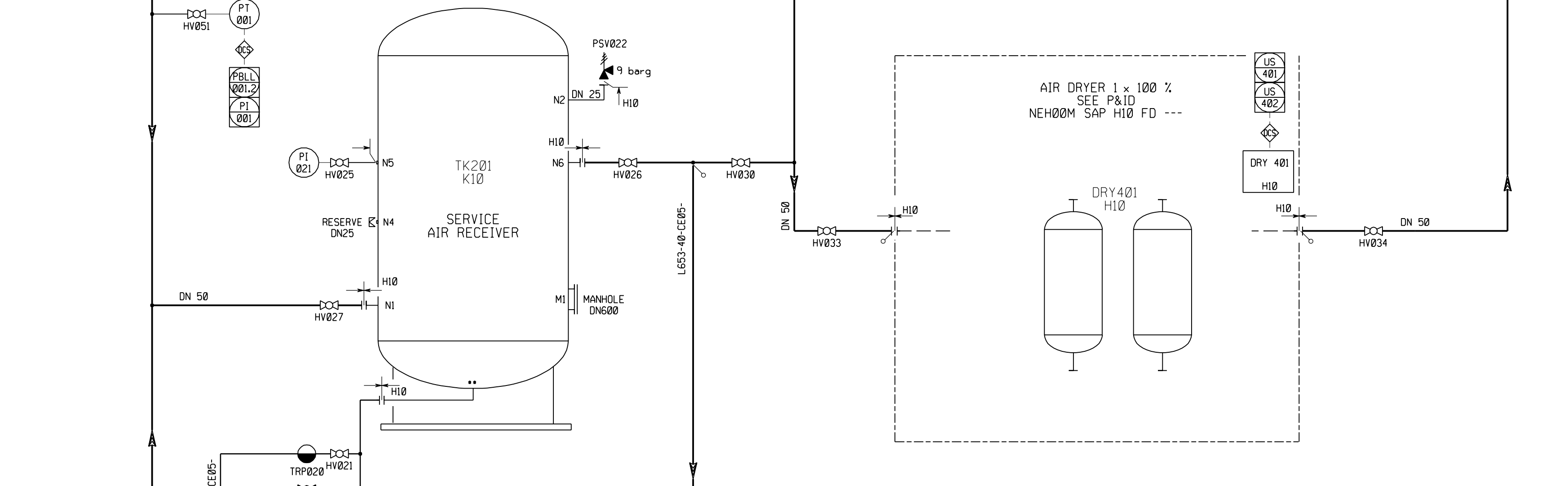
DESIGN TEMPERATURE (°C)	55
DESIGN PRESSURE (bar g.)	9
OPERATING TEMPERATURE (°C)	40
OPERATING PRESSURE (bar g.)	8
CAPACITY (m ³)	10
SERVICE AIR RECEIVER	TK101



COMPRESSOR POWER (kW)
OPERATING TEMPERATURE (°C)	40
OPERATING PRESSURE (bar g.)	8
RATED FLOW (NETT TO SERV.) (Nm ³ /h)	250
AIR COMPRESSOR CMP101	1 x 100 %



COMPRESSOR POWER (kW)
OPERATING TEMPERATURE (°C)	40
OPERATING PRESSURE (bar g.)	8
RATED FLOW (NETT TO SERV.) (Nm ³ /h)	250
AIR COMPRESSOR CMP201	1 x 100 %



NOTE:
 1/ ALL COMPONENTS NUMBERS ARE PRECEDED WITH 00
 2/ THE DRAIN PITS ARE DRAWN ONLY FOR PRINCIPLE . FOR THE FINAL NUMBER AND LOCATION : SEE THE CIVIL WORK AND INSTALLATION G08 DRAWINGS .

REV	DATE	AUTH.	CHECK BY	APPR BY	MODIFICATIONS	STATUS
H	28/01/03	Vto	Flo	Ig	UPDATED + ADDED OFFSHEETS COORDINATES	CFC
G	11/12/02	Vto	Flo	Ig	UPDATED	FUS
F	28/08/02	Vto	Flo	Ps	NUMBERING IN ACCORDANCE TO COMBINED CYCLE USAGE	FUS
E	13/08/02	Vto	Flo	Ps	UPDATED	FUS
D	02/08/02	Vto	Flo	Ps	UPDATED	FUS
C	29/05/02	Vto	Flo	Ps	FINAL INSTALLATION INSTEAD OF PROVISIONAL	FUS
B	17/04/02	Vto	Flo	St	UPDATED	PRE
A	02/04/02	Vto	Flo	St	FIRST ISSUE	PRE

SCALE: _____ SUPPLIER NAME: _____ Nr: _____
 SIZE: _____ SPECIFICATION No: _____

COLBUN
 CONTRATO ANF2-C502
 AMPLIACIÓN NEHUENCO FASE 2
 CHILE

ALSTOM STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS

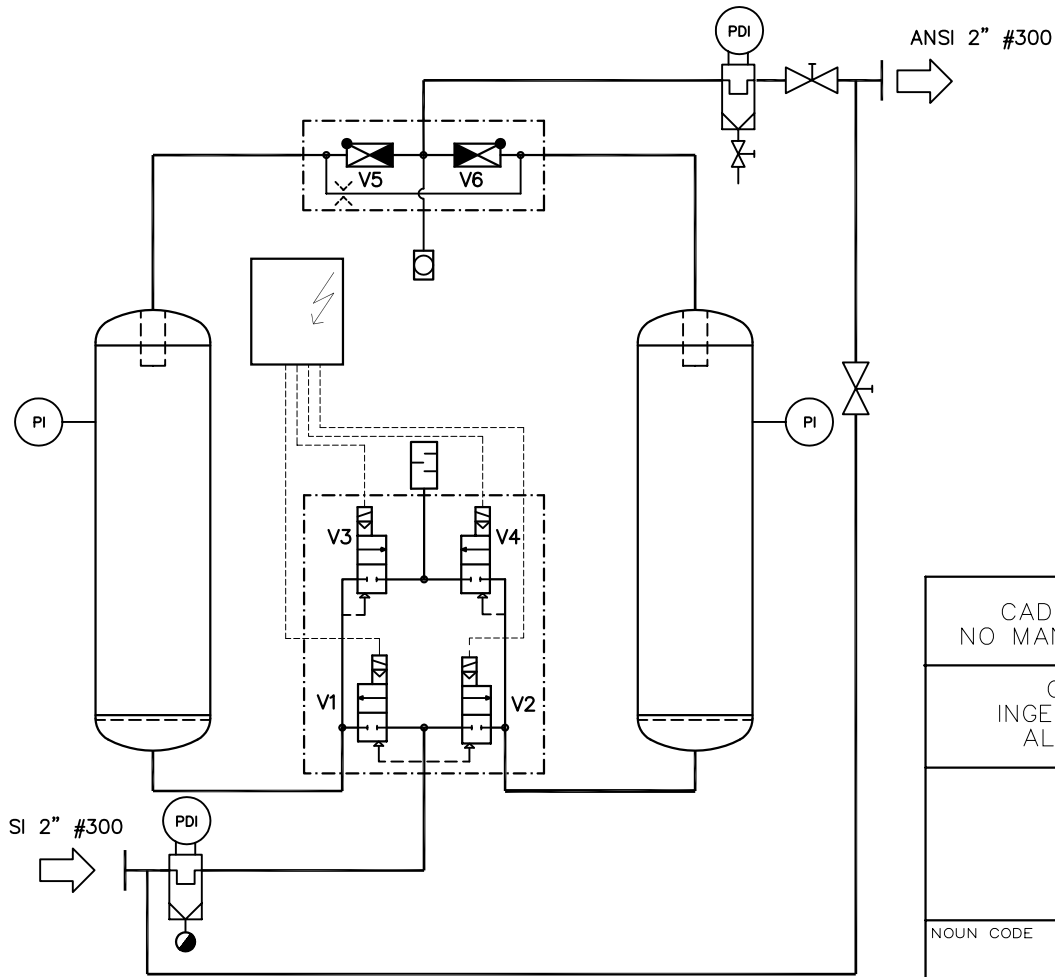
PIPING AND INSTRUMENTATION DIAGRAM
 Compressed air production G08

Contract Document Number: **NEH 00 M SAP --- FD 061** Revision: **H**

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NOTES:

REVISIONS						
ZONE	REV	ECN	DESCRIPTION	DATE	DWN	APV
-	A		ORIGINAL RELEASE			



VENDOR ITEM DRAWING

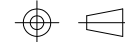
CAD GENERATED DRAWING,
NO MANUAL REVISIONS ALLOWED

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NOUN CODE



THIRD ANGLE PROJECTION

DRAWN
Klaus Benisch

DATE
02.10.2002

CHECKED

APPROVED



TITLE

P&I Schema
TZ050

SIZE A3	ESTIMATED WEIGHT	DWG NO. S-KEN-6271.3	REV
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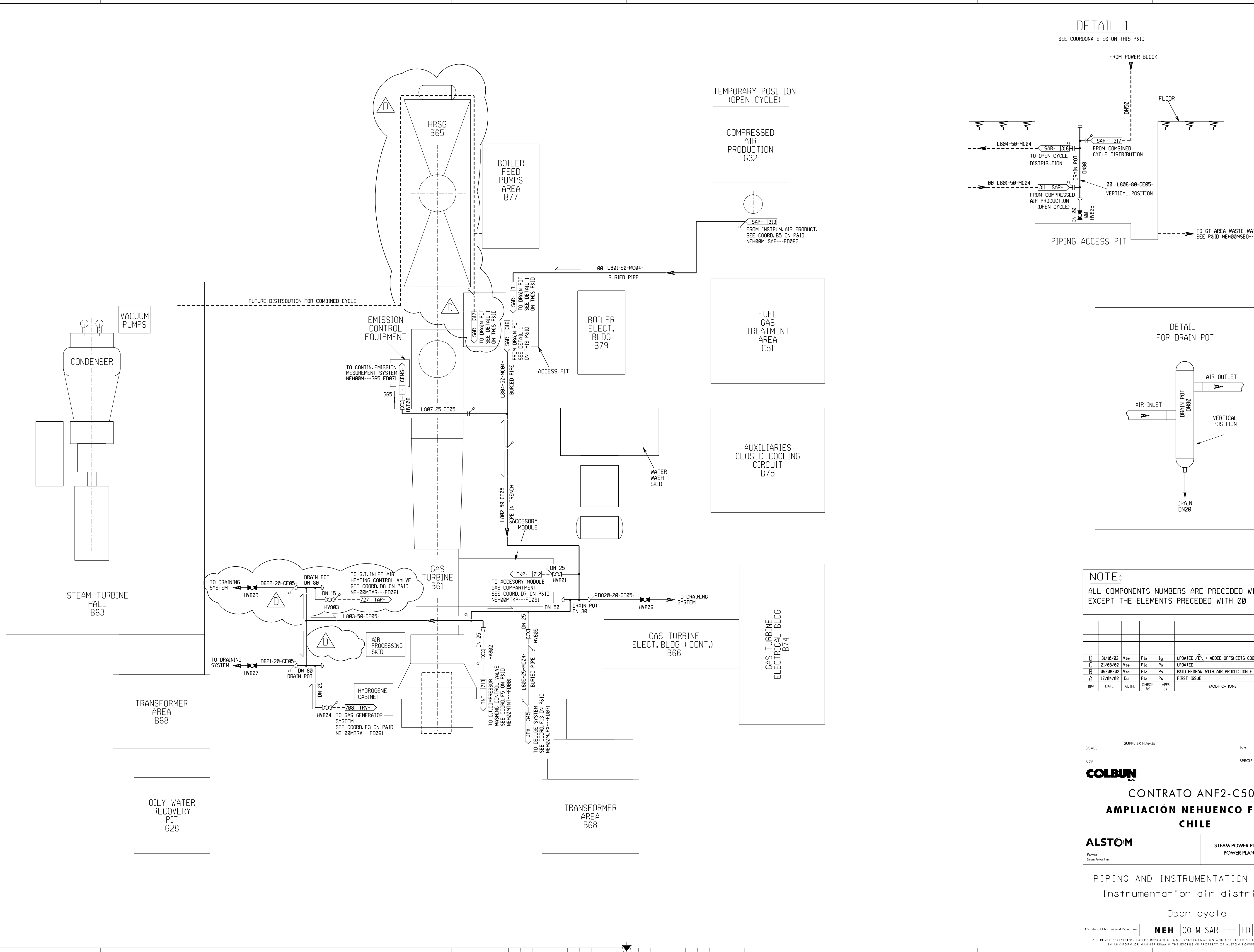
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MFR NAME

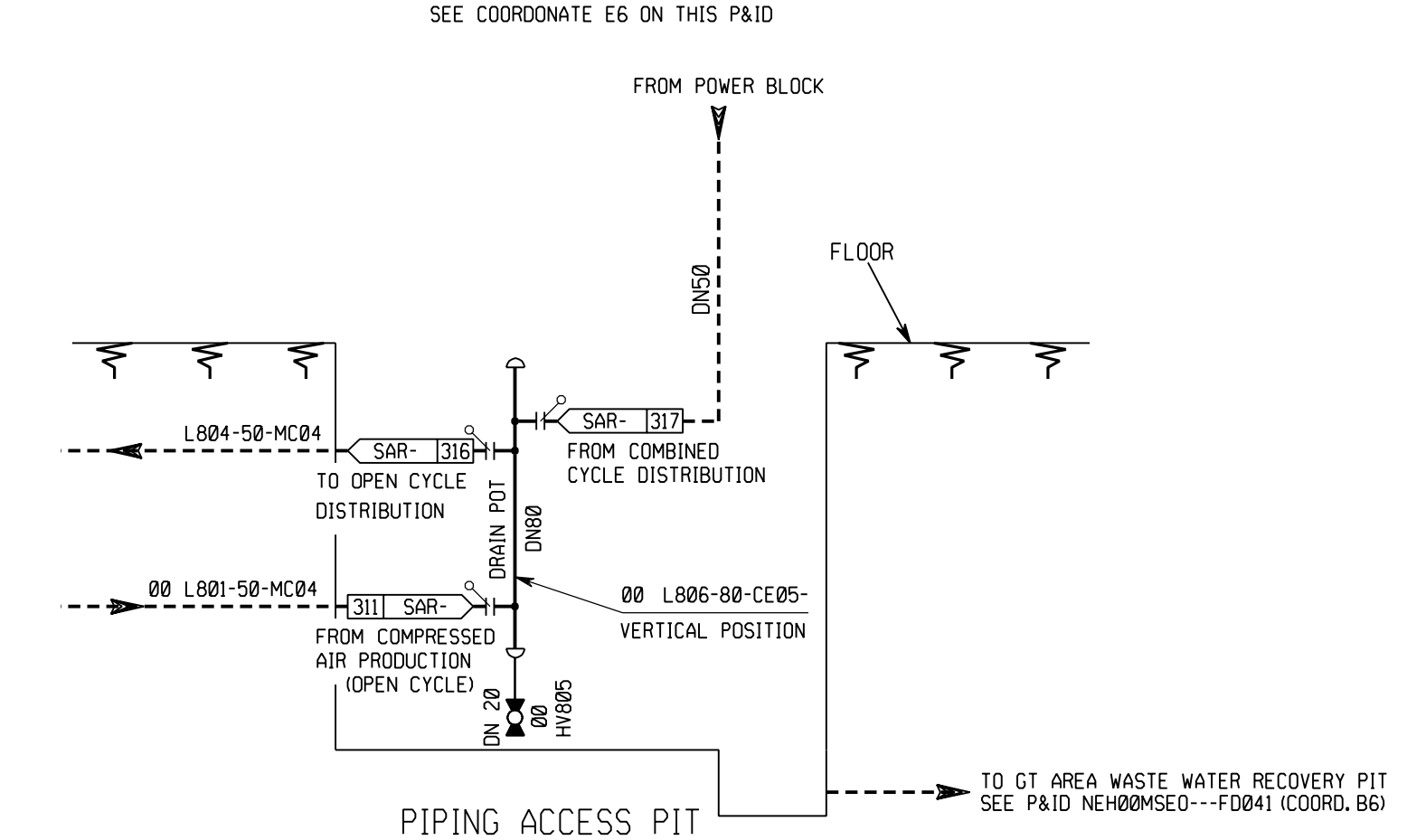
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PART NO.

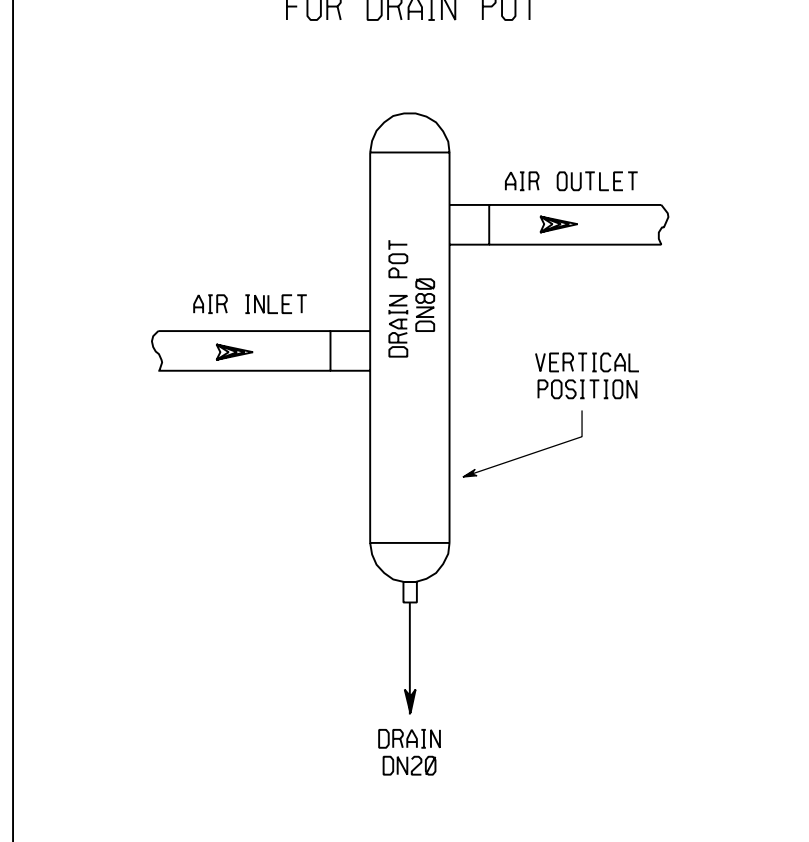
SUGGESTED SOURCES OF SUPPLY



DETAIL 1



DETAIL FOR DRAIN POT



NOTE:
ALL COMPONENTS NUMBERS ARE PRECEDED WITH 1A EXCEPT THE ELEMENTS PRECEDED WITH 00

REV	DATE	AUTH	CHECK BY	APPR BY	MODIFICATIONS	STATUS
D	31/10/02	Vta	F1a	Ig	UPDATED + ADDED OFFSHEETS COORDINATES	CFC
C	21/08/02	Vta	F1a	Ps	UPDATED	FUS
B	05/05/02	Vta	F1a	Ps	P&ID REDRAW WITH AIR PRODUCTION FINAL LOCATION	FUS
A	17/04/02	Do	F1a	Ps	FIRST ISSUE	PRE

SCALE: _____ SUPPLIER NAME: _____

SIZE: _____ SPECIFICATION No: _____

COLBUN

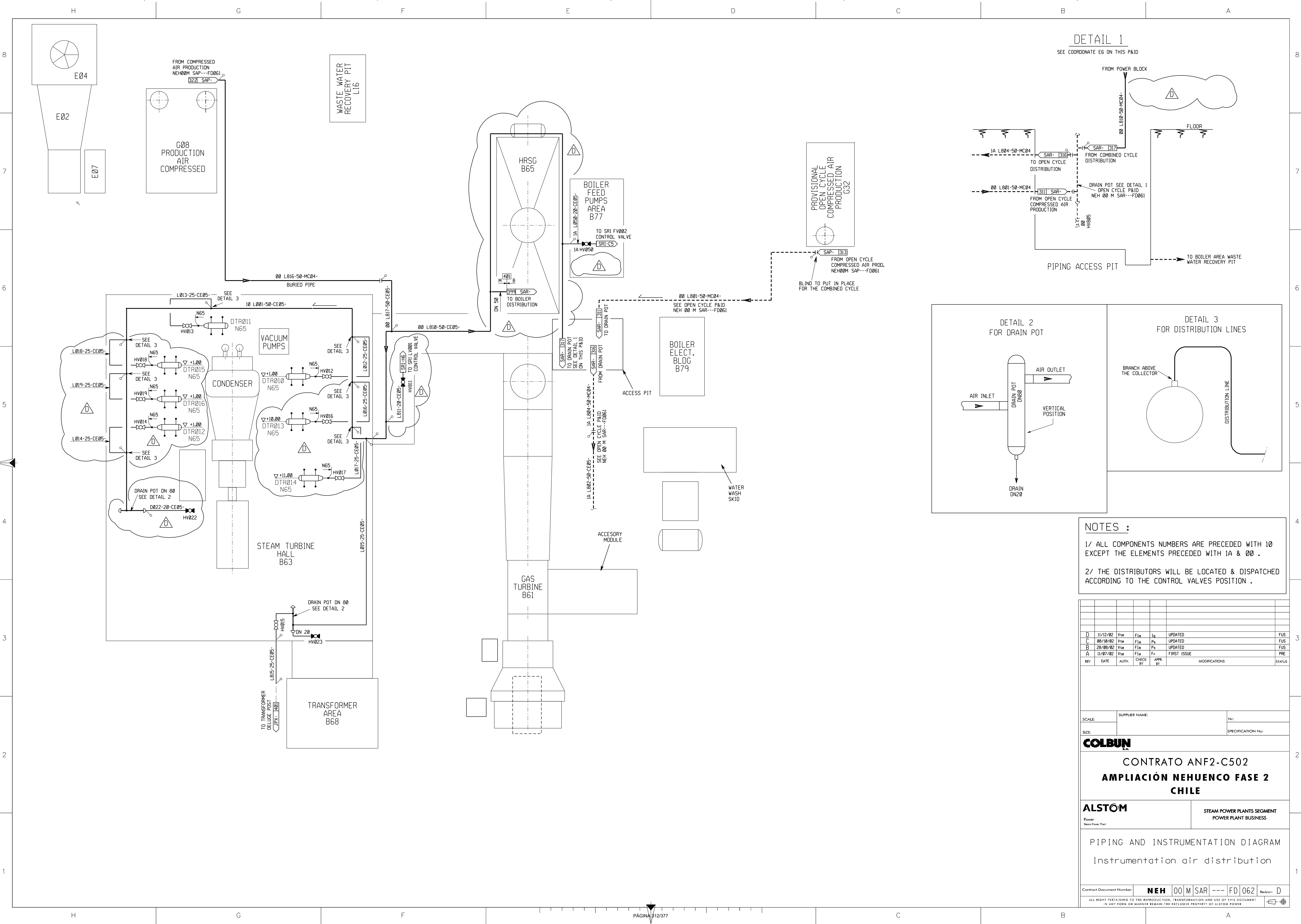
CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2
CHILE

ALSTOM Power Steam Power Plant STEAM POWER PLANTS SEGMENT POWER PLANT BUSINESS

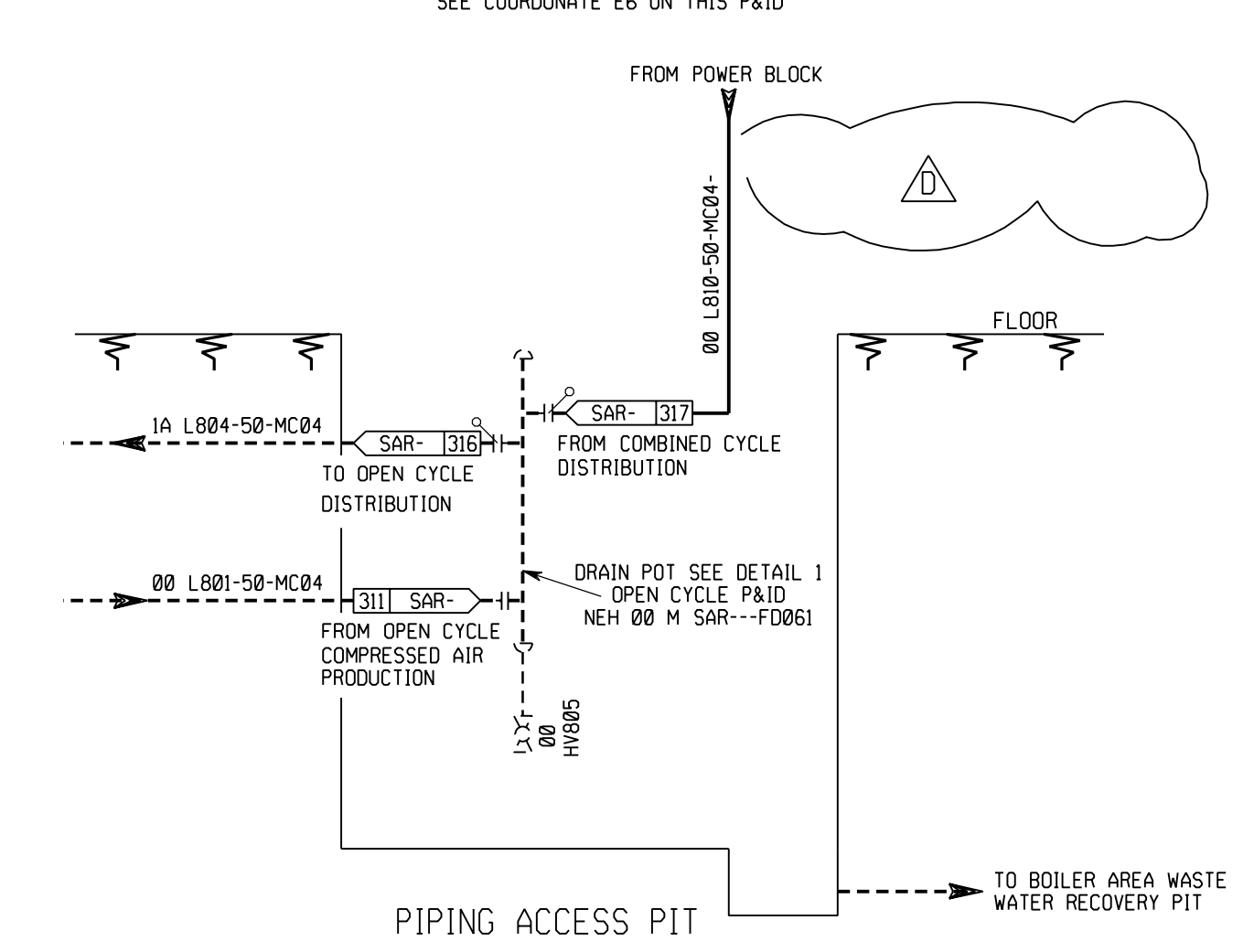
PIPING AND INSTRUMENTATION DIAGRAM
Instrumentation air distribution
Open cycle

Contract Document Number: **NEH 00 M SAR --- FD 061** Revision: **D**

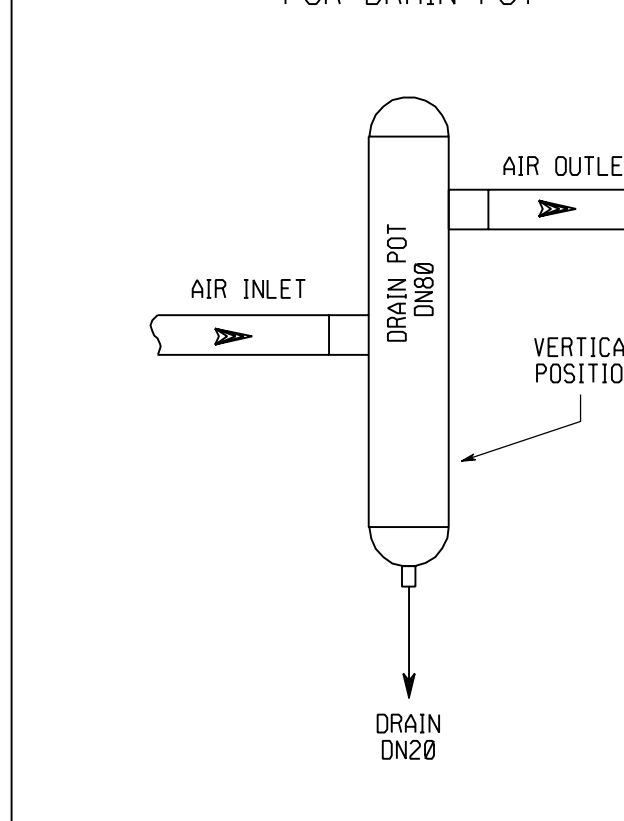
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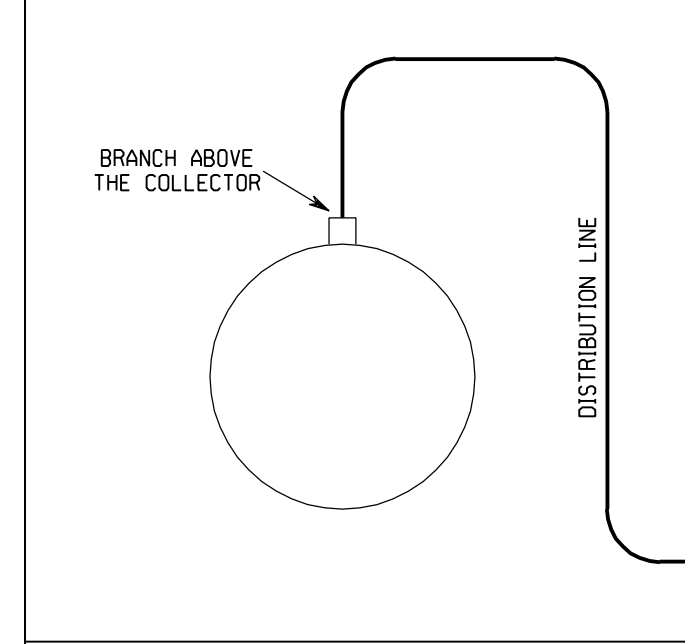
DETAIL 1



DETAIL 2 FOR DRAIN POT



DETAIL 3 FOR DISTRIBUTION LINES



- NOTES :**
- 1/ ALL COMPONENTS NUMBERS ARE PRECEDED WITH 10 EXCEPT THE ELEMENTS PRECEDED WITH 1A & 00 .
 - 2/ THE DISTRIBUTORS WILL BE LOCATED & DISPATCHED ACCORDING TO THE CONTROL VALVES POSITION .

REV	DATE	AUTH.	CHECK BY	APPR BY	MODIFICATIONS	STATUS
D	11/12/02	Vte	F1a	Jg	UPDATED	FUS
C	08/18/02	Vte	F1a	Ps	UPDATED	FUS
B	28/02/02	Vte	F1a	Ps	UPDATED	FUS
A	11/07/02	Vte	F1a	Fr	FIRST ISSUE	PRE

SCALE: _____ SUPPLIER NAME: _____ Nr: _____

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COLBUN

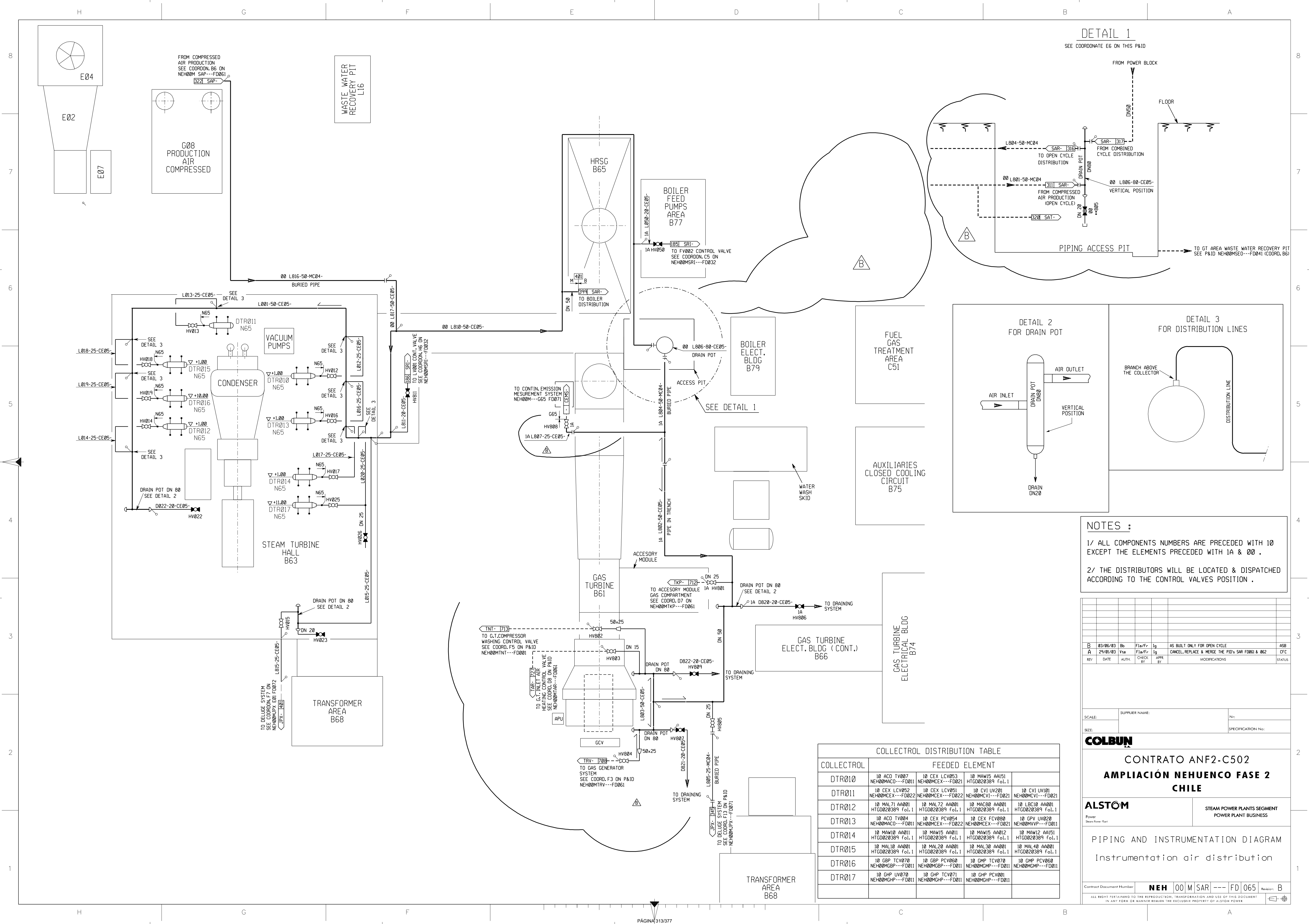
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AMPLIACIÓN NEHUENCO FASE 2
CHILE

ALSTOM STEAM POWER PLANTS SEGMENT
POWER PLANT BUSINESS

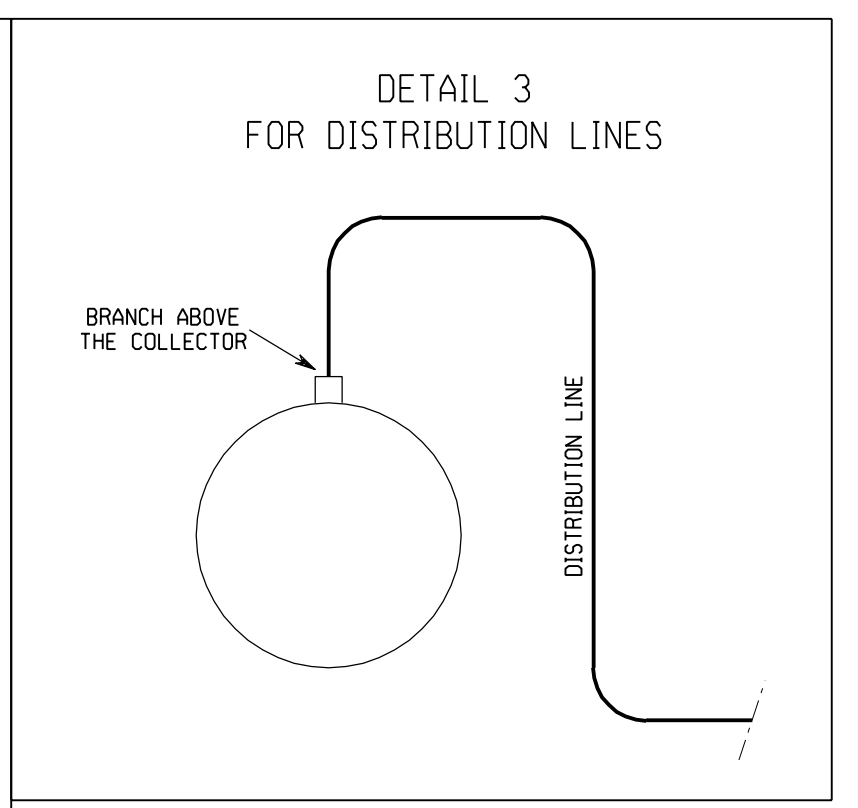
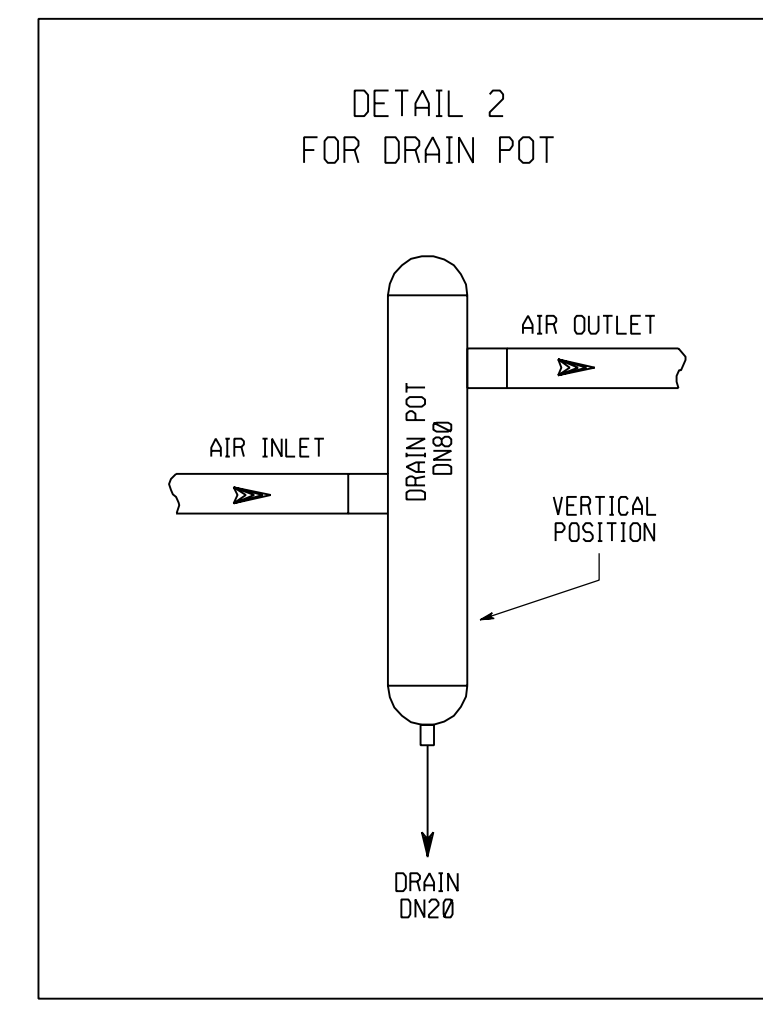
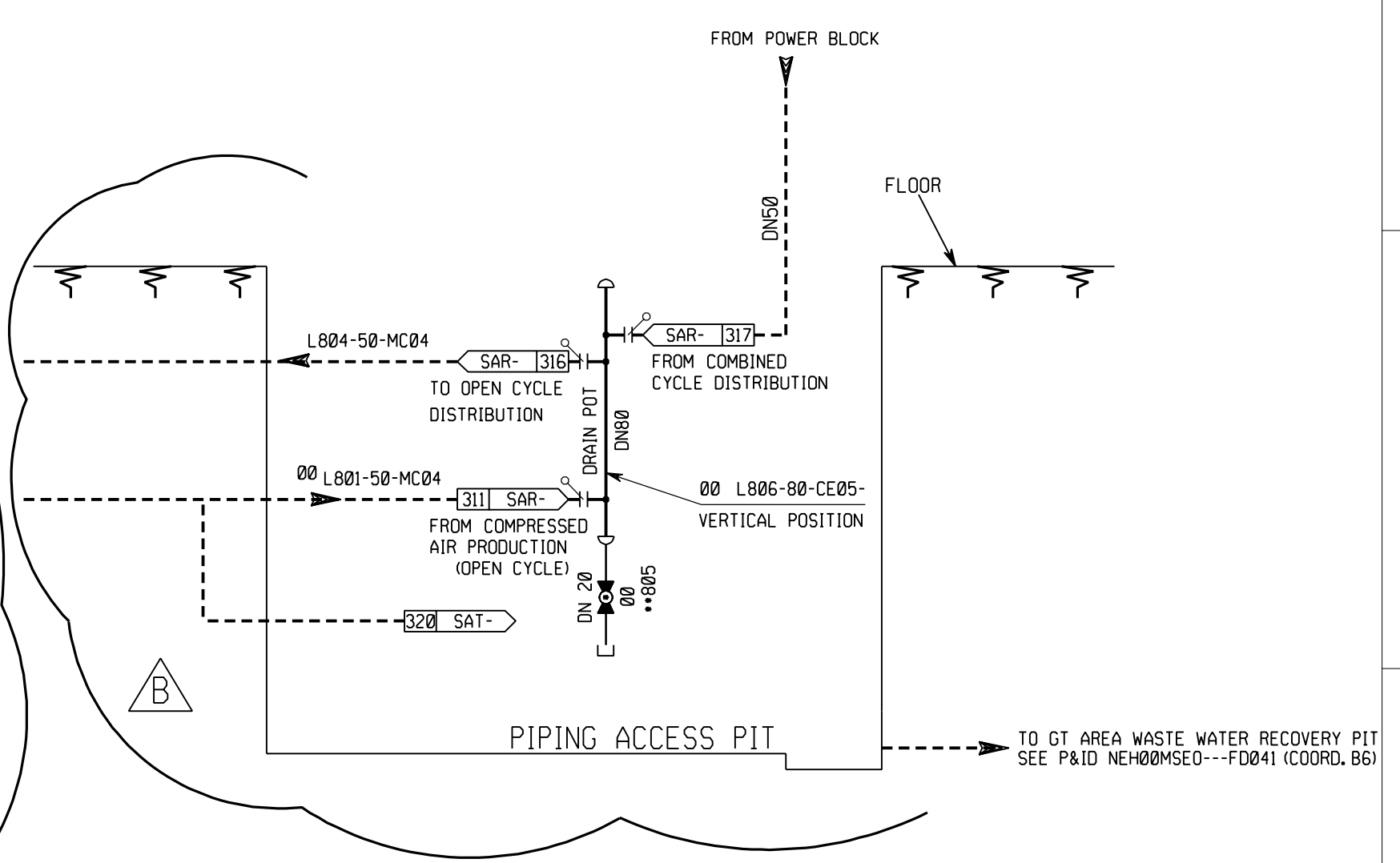
PIPING AND INSTRUMENTATION DIAGRAM
Instrumentation air distribution

Contract Document Number: **NEH 00 M SAR --- FD 062** Revision: **D**

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DETAIL 1



NOTES :

- 1/ ALL COMPONENTS NUMBERS ARE PRECEDED WITH 10 EXCEPT THE ELEMENTS PRECEDED WITH 1A & 00 .
- 2/ THE DISTRIBUTORS WILL BE LOCATED & DISPATCHED ACCORDING TO THE CONTROL VALVES POSITION .

REV	DATE	AUTH.	CHECK BY	APP. BY	MODIFICATIONS	STATUS
B	03/06/03	Bb	Fia/Fr	Ig	AS BUILT ONLY FOR OPEN CYCLE	ASB
A	29/01/03	Vte	Fia/Fr	Ig	CANCEL, REPLACE & MERGE THE PID'S SAR F061 & 062	CFC

SCALE:	SUPPLIER NAME:	Nr:
SIZE:	SPECIFICATION No:	

COLBUN

CONTRATO ANF2-C502

AMPLIACIÓN NEHUENCO FASE 2 CHILE

ALSTOM

Power Steam Power Plant

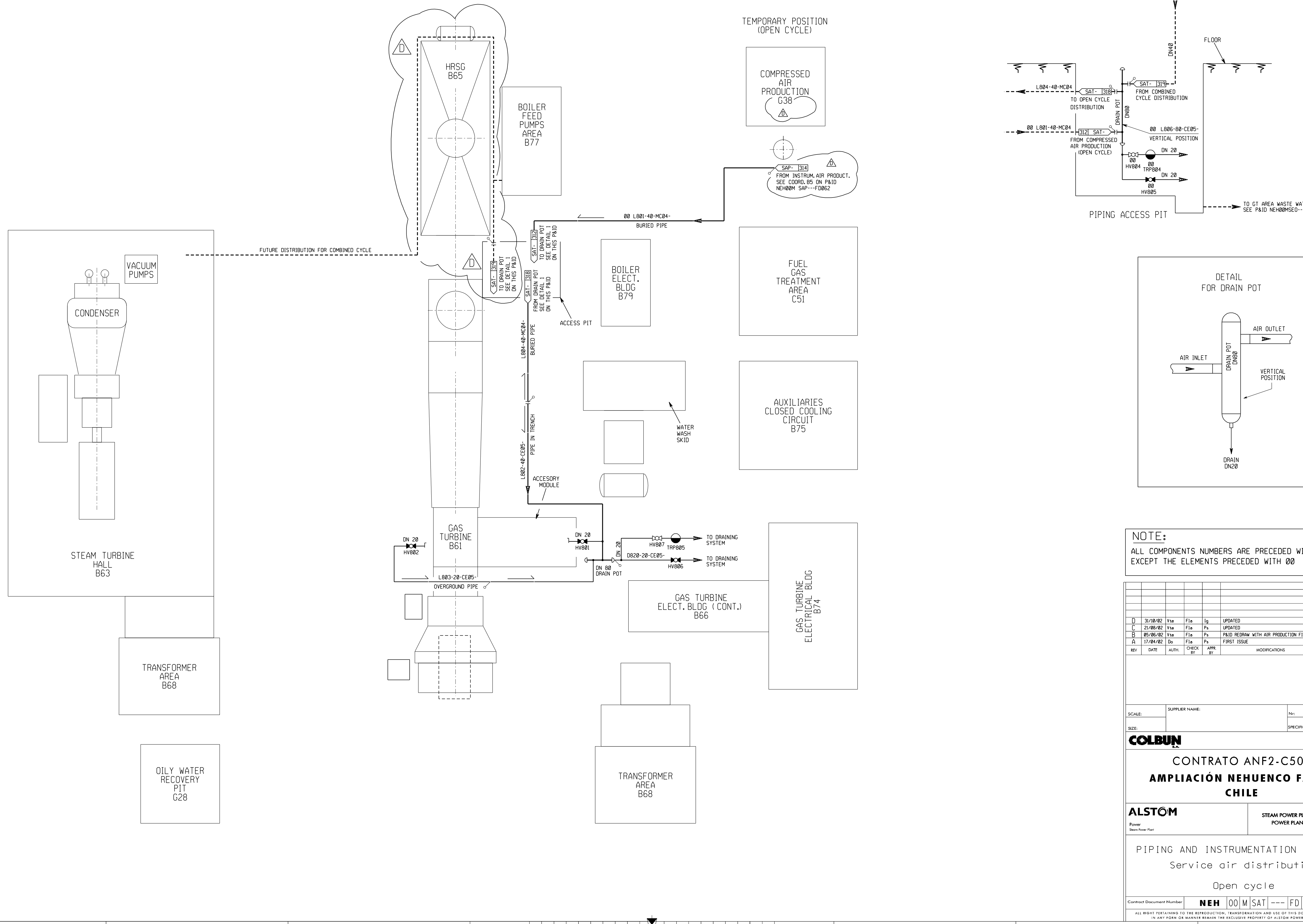
STEAM POWER PLANTS SEGMENT
POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM

Instrumentation air distribution

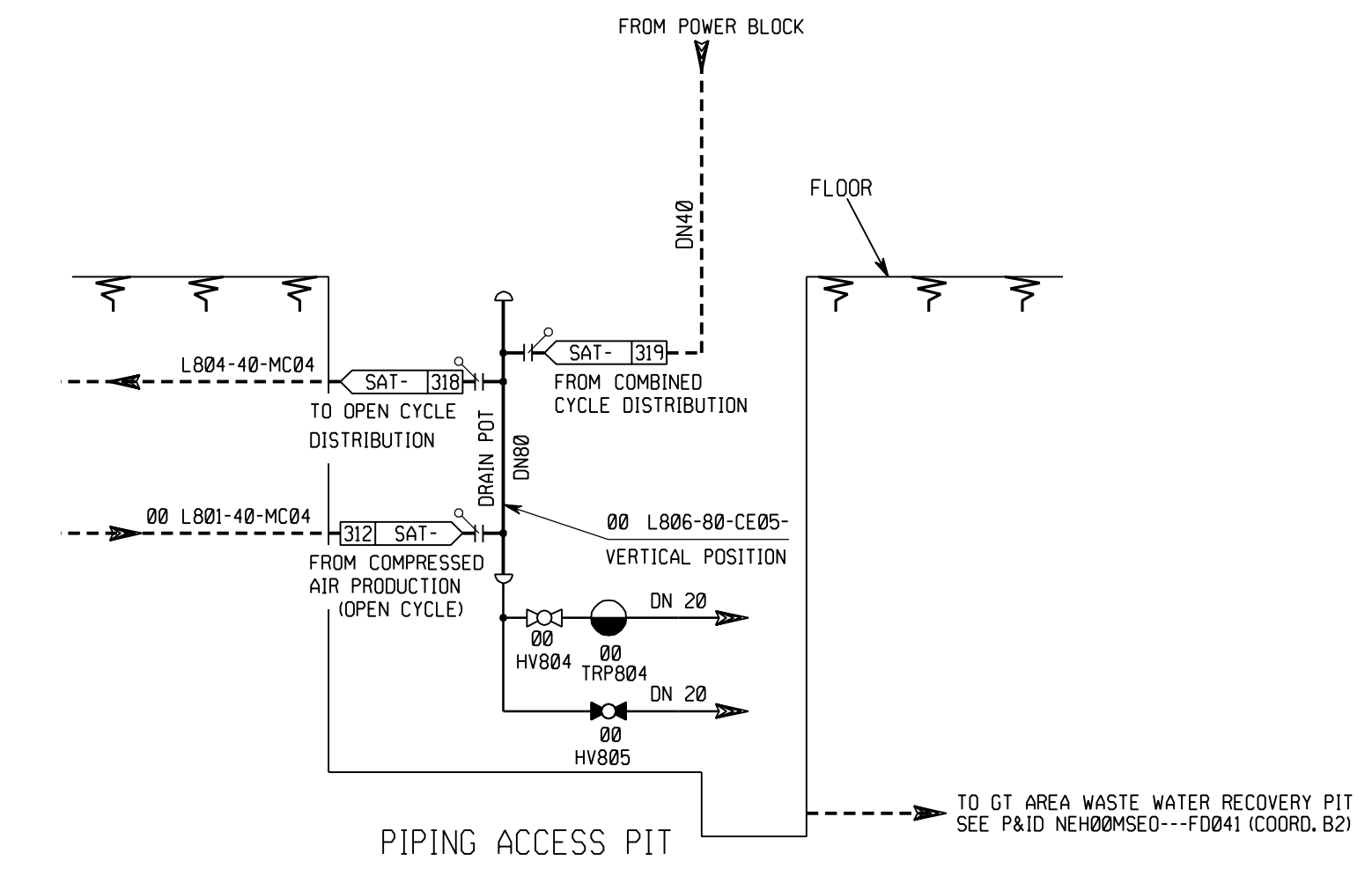
Contract Document Number	NEH 00 M SAR --- FD 065	Revision	B
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COLLECTROL	FEEDED ELEMENT			
DTR010	10 ACD TV007 NEH00MAC0---FD011	10 CEX LCV053 NEH00MCEX---FD021	10 MAW15 AA151 HTGD020389 Fol.1	
DTR011	10 CEX LCV052 NEH00MCEX---FD022	10 CEX LCV051 NEH00MCEX---FD022	10 CVI UV201 NEH00MCI---FD021	10 CVI UV101 NEH00MCI---FD021
DTR012	10 MAL71 AA001 HTGD020389 Fol.1	10 MAC00 AA001 HTGD020389 Fol.1	10 LBC10 AA001 HTGD020389 Fol.1	
DTR013	10 ACD TV004 NEH00MAC0---FD011	10 CEX PCV054 NEH00MCEX---FD022	10 CEX FCV050 NEH00MCEX---FD021	10 GPV UV020 NEH00MYP---FD011
DTR014	10 MAW10 AA011 HTGD020389 Fol.1	10 MAW15 AA012 HTGD020389 Fol.1	10 MAW12 AA151 HTGD020389 Fol.1	
DTR015	10 MAL10 AA001 HTGD020389 Fol.1	10 MAL20 AA001 HTGD020389 Fol.1	10 MAL30 AA001 HTGD020389 Fol.1	10 MAL40 AA001 HTGD020389 Fol.1
DTR016	10 GMP TCV070 NEH00MGP---FD011	10 GMP PCV060 NEH00MGP---FD011	10 GMP TCV070 NEH00MGP---FD011	10 GMP PCV060 NEH00MGP---FD011
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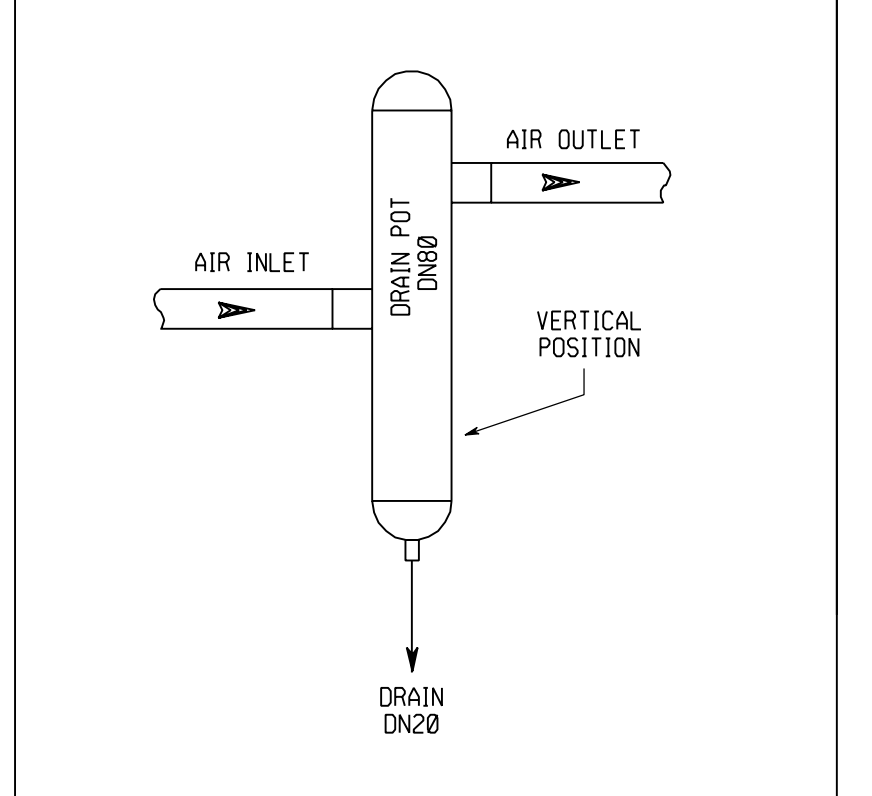


DETAIL 1

SEE COORDONATE E6 ON THIS P&ID



DETAIL FOR DRAIN POT



NOTE:
ALL COMPONENTS NUMBERS ARE PRECEDED WITH 1A EXCEPT THE ELEMENTS PRECEDED WITH 00

REV	DATE	AUTH.	CHECK BY	APPR. BY	MODIFICATIONS	STATUS
D	31/10/02	Vie	F1a	Ig	UPDATED	EFC
C	21/08/02	Vie	F1a	Ps	UPDATED	FUS
B	05/06/02	Vie	F1a	Ps	PAID RETROW WITH AIR PRODUCTION FINAL LOCATION	FUS
A	17/04/02	Do	F1a	Ps	FIRST ISSUE	PRE

SCALE: _____ SUPPLIER NAME: _____

SIZE: _____ SPECIFICATION No: _____

COLBUN

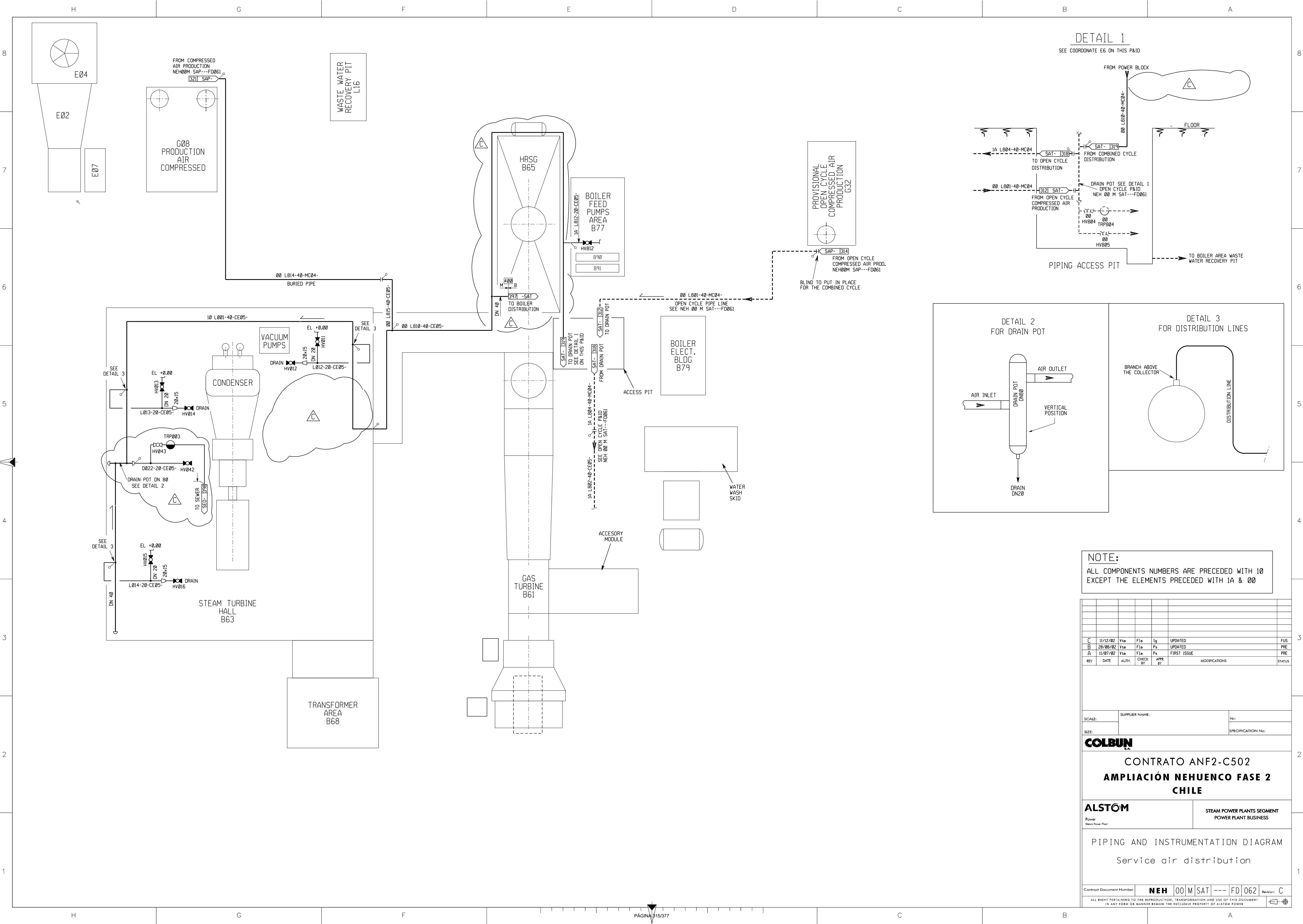
CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2
CHILE

ALSTOM Power Steam Power Plant STEAM POWER PLANTS SEGMENT POWER PLANT BUSINESS

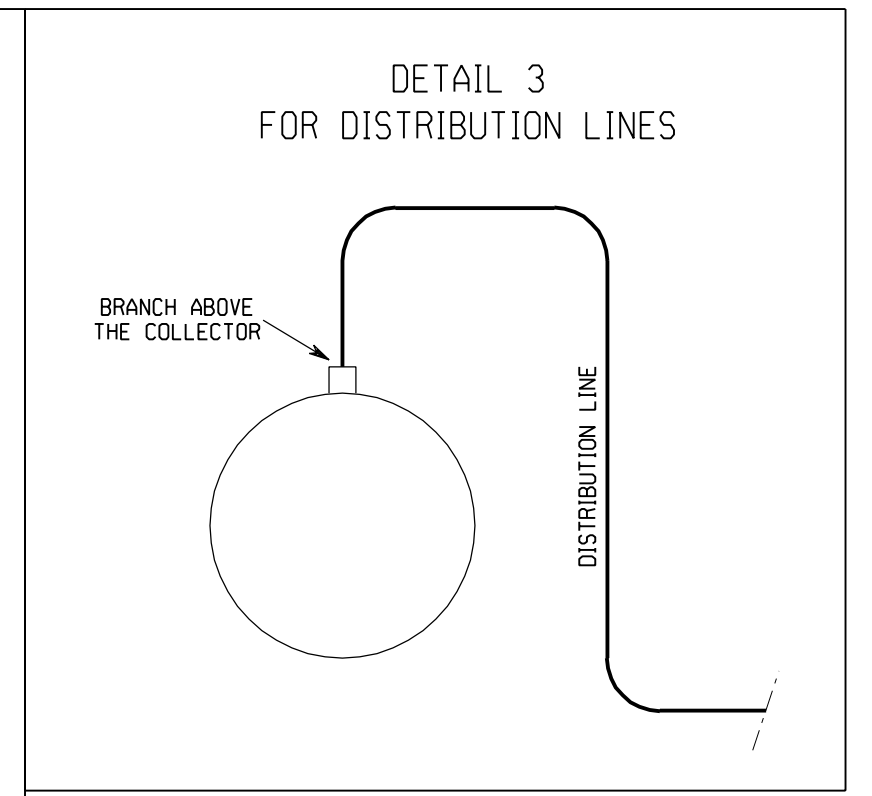
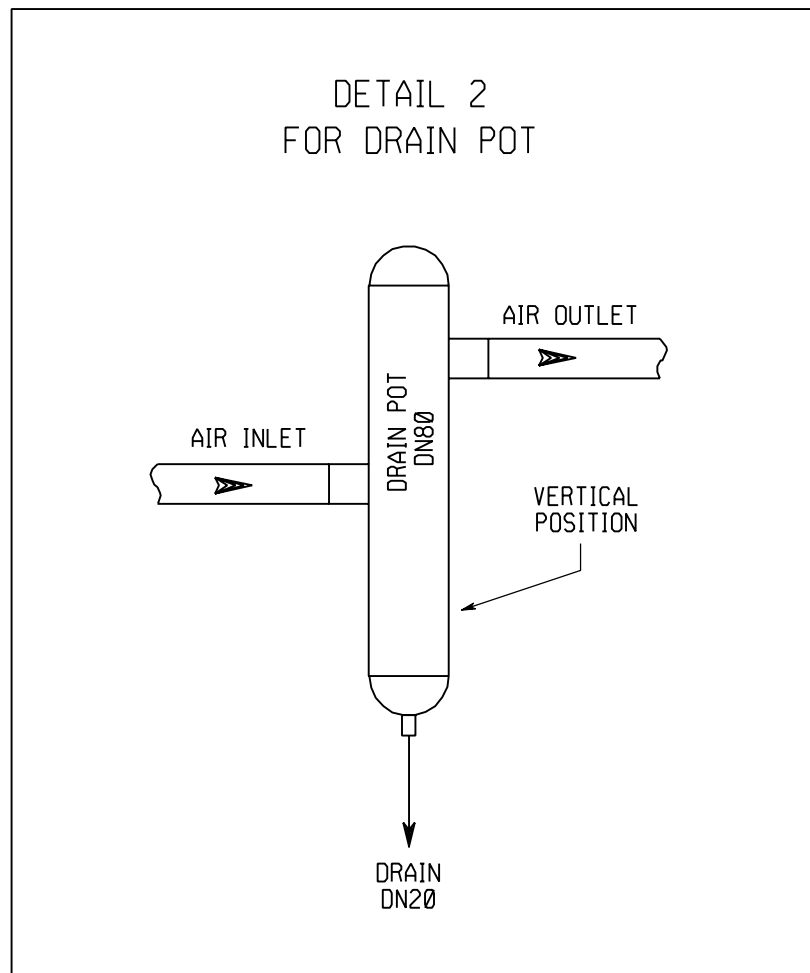
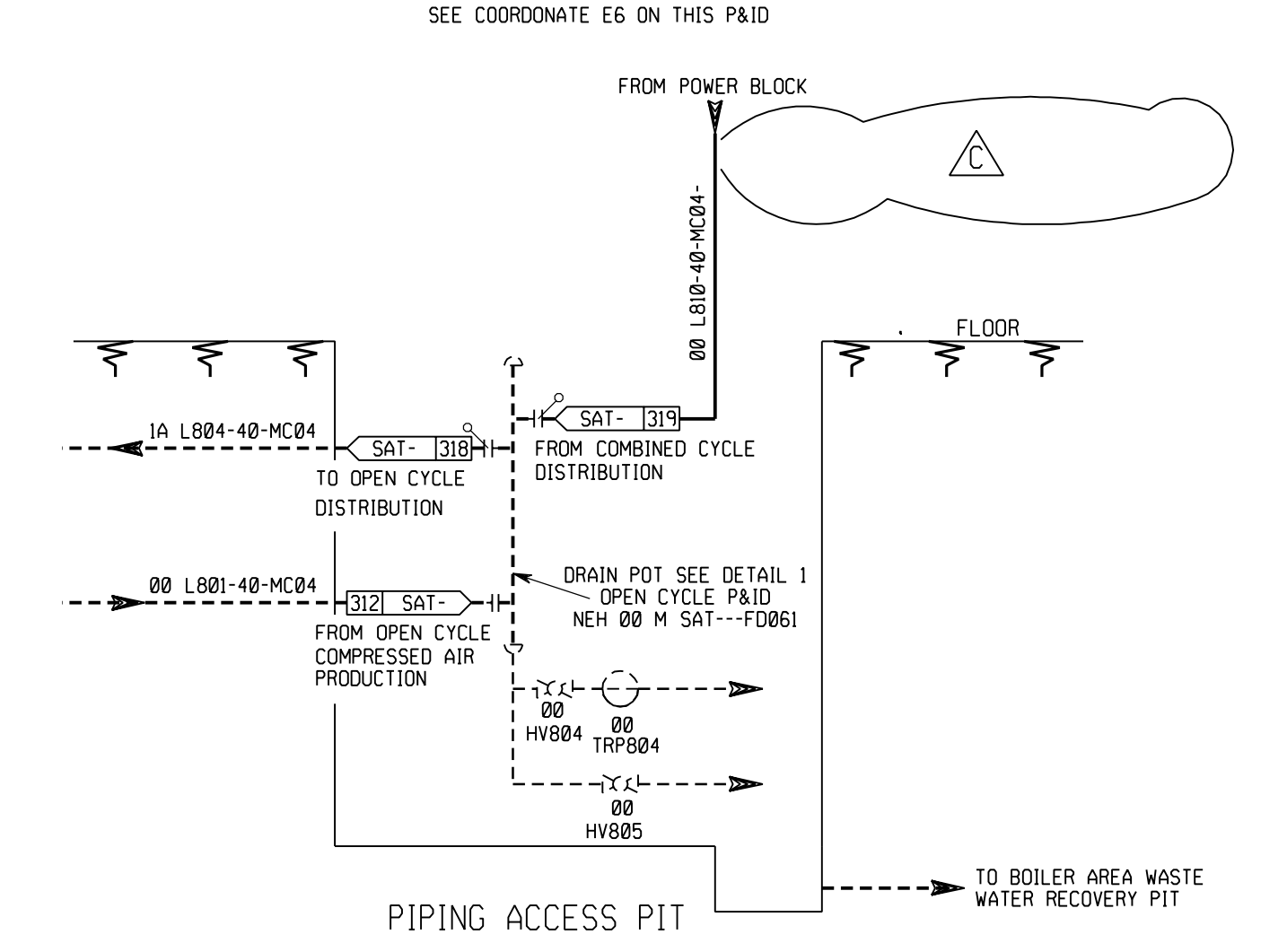
PIPING AND INSTRUMENTATION DIAGRAM
Service air distribution
Open cycle

Contract Document Number: **NEH 00 M SAT --- FD 061** Revision: **D**

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DETAIL 1



NOTE:
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REV	DATE	AUTH.	CHECK BY	APPR. BY	MODIFICATIONS	STATUS
C	11/12/02	Vta	F1a	Ig	UPDATED	FUS
B	20/06/02	Vta	F1a	Ps	UPDATED	PRE
A	11/07/02	Vta	F1a	Ps	FIRST ISSUE	PRE

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SIZE: _____ SPECIFICATION No: _____

COLBUN

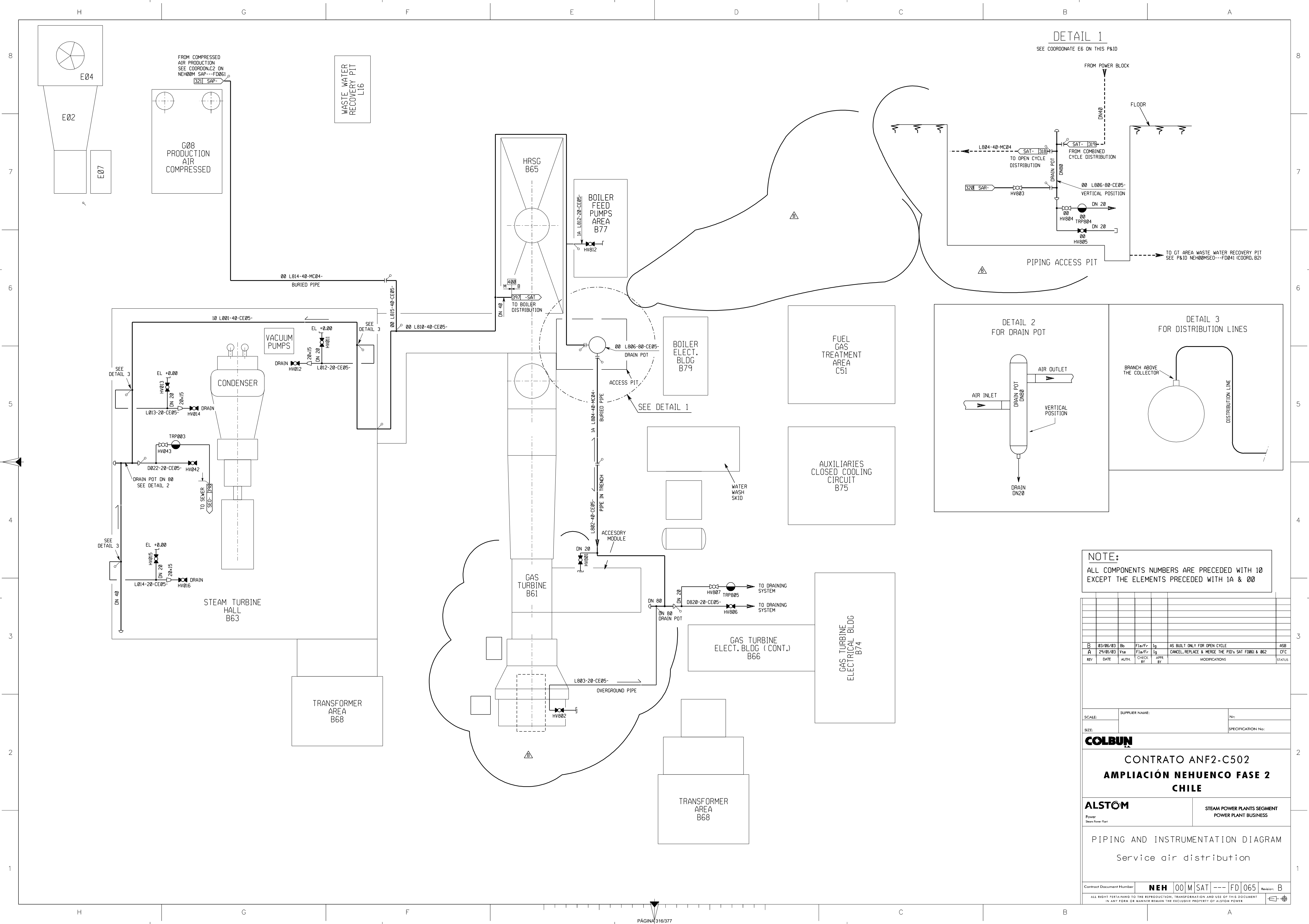
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AMPLIACIÓN NEHUENCO FASE 2
CHILE

ALSTOM STEAM POWER PLANTS SEGMENT
Power Service Plant POWER PLANT BUSINESS

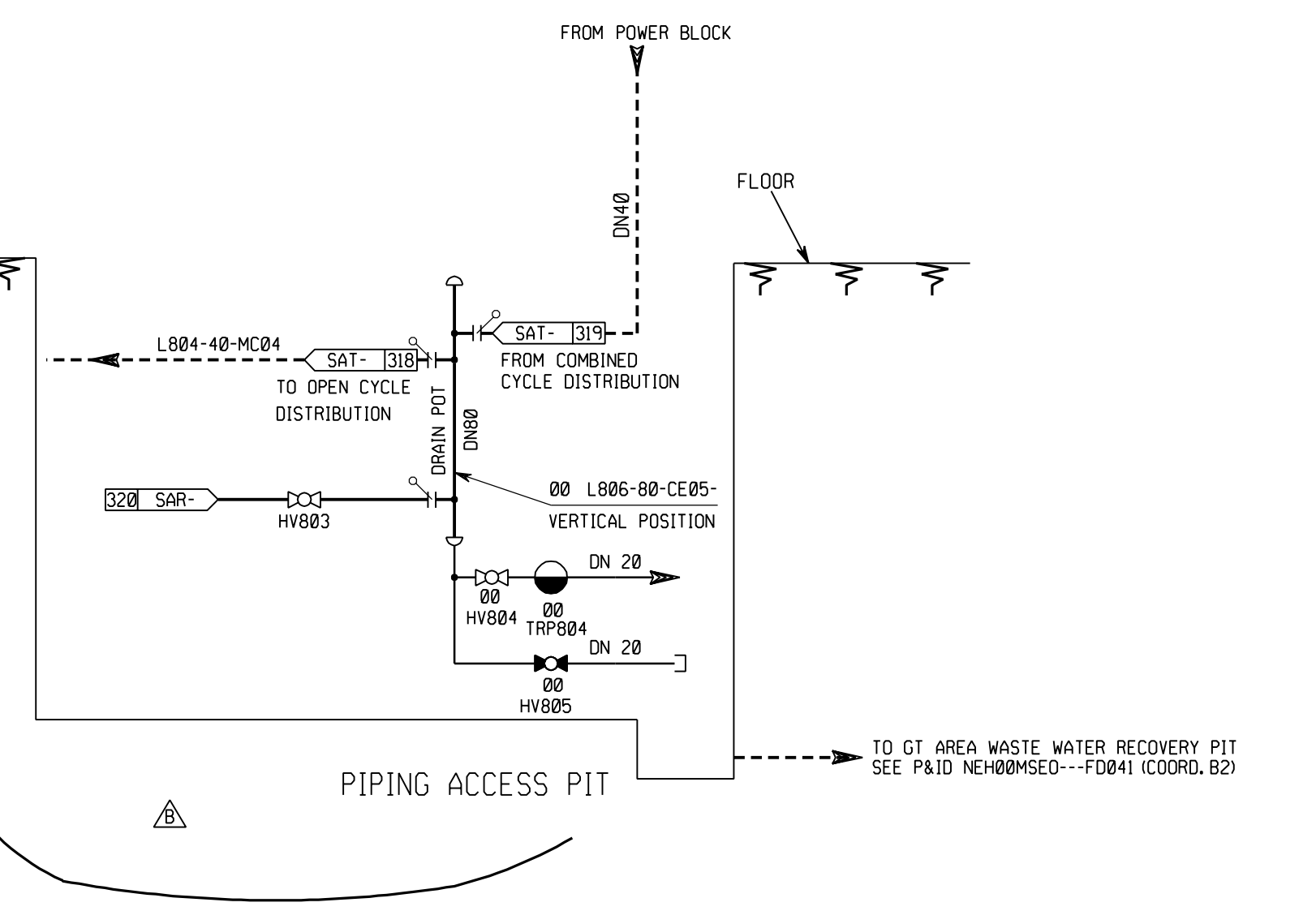
PIPING AND INSTRUMENTATION DIAGRAM
Service air distribution

Contract Document Number: **NEH 00 M SAT --- FD 062** Revision: **C**

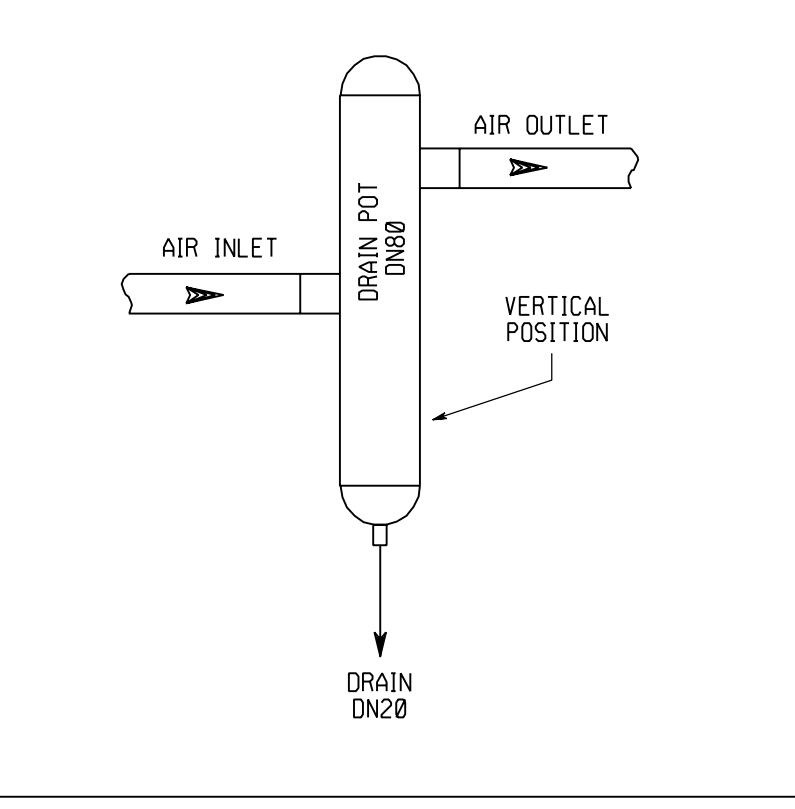
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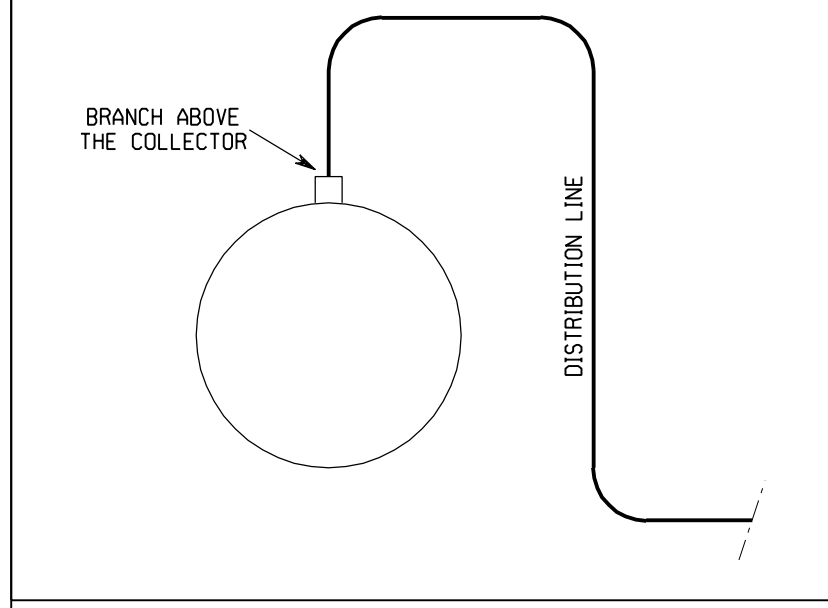
DETAIL 1
SEE COORDINATE E6 ON THIS P&ID



DETAIL 2
FOR DRAIN POT



DETAIL 3
FOR DISTRIBUTION LINES



NOTE:
ALL COMPONENTS NUMBERS ARE PRECEDED WITH 10 EXCEPT THE ELEMENTS PRECEDED WITH 1A & 00

REV	DATE	AUTH.	CHECK BY	APP. BY	MODIFICATIONS	STATUS
B	03/06/03	Bb	Fia/Fr	Ig	AS BUILT ONLY FOR OPEN CYCLE	ASB
A	29/01/03	Vte	Fia/Fr	Ig	CANCEL, REPLACE & MERGE THE FID'S SAT FD061 & 062	CFC

SCALE: _____ SUPPLIER NAME: _____ Nr: _____
 SIZE: _____ SPECIFICATION No: _____

COLBUN

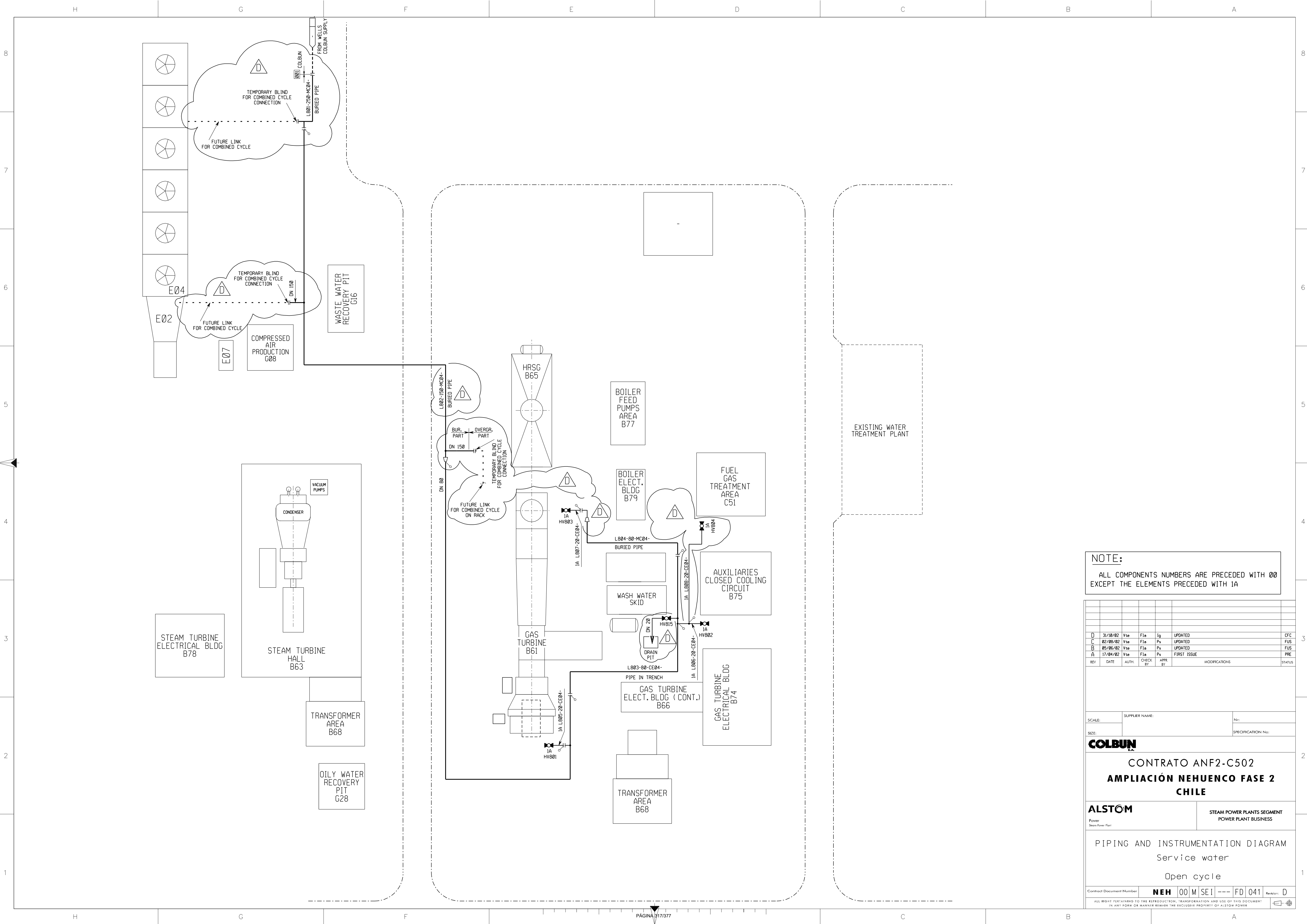
**CONTRATO ANF2-C502
 AMPLIACIÓN NEHUENCO FASE 2
 CHILE**

ALSTOM STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
 Service air distribution

Contract Document Number: **NEH 00 M SAT --- FD 065** Revision: **B**

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NOTE:
 ALL COMPONENTS NUMBERS ARE PRECEDED WITH 00
 EXCEPT THE ELEMENTS PRECEDED WITH 1A

REV	DATE	AUTH.	CHECK BY	APPR. BY	MODIFICATIONS	STATUS
D	31/10/02	Vse	Fla	Ig	UPDATED	CFC
C	02/06/02	Vse	Fla	Ps	UPDATED	FUS
B	05/06/02	Vse	Fla	Ps	UPDATED	FUS
A	17/04/02	Vse	Fla	Ps	FIRST ISSUE	PRE

SCALE: _____ SUPPLIER NAME: _____ Nr: _____
 SIZE: _____ SPECIFICATION No: _____

COLBUN

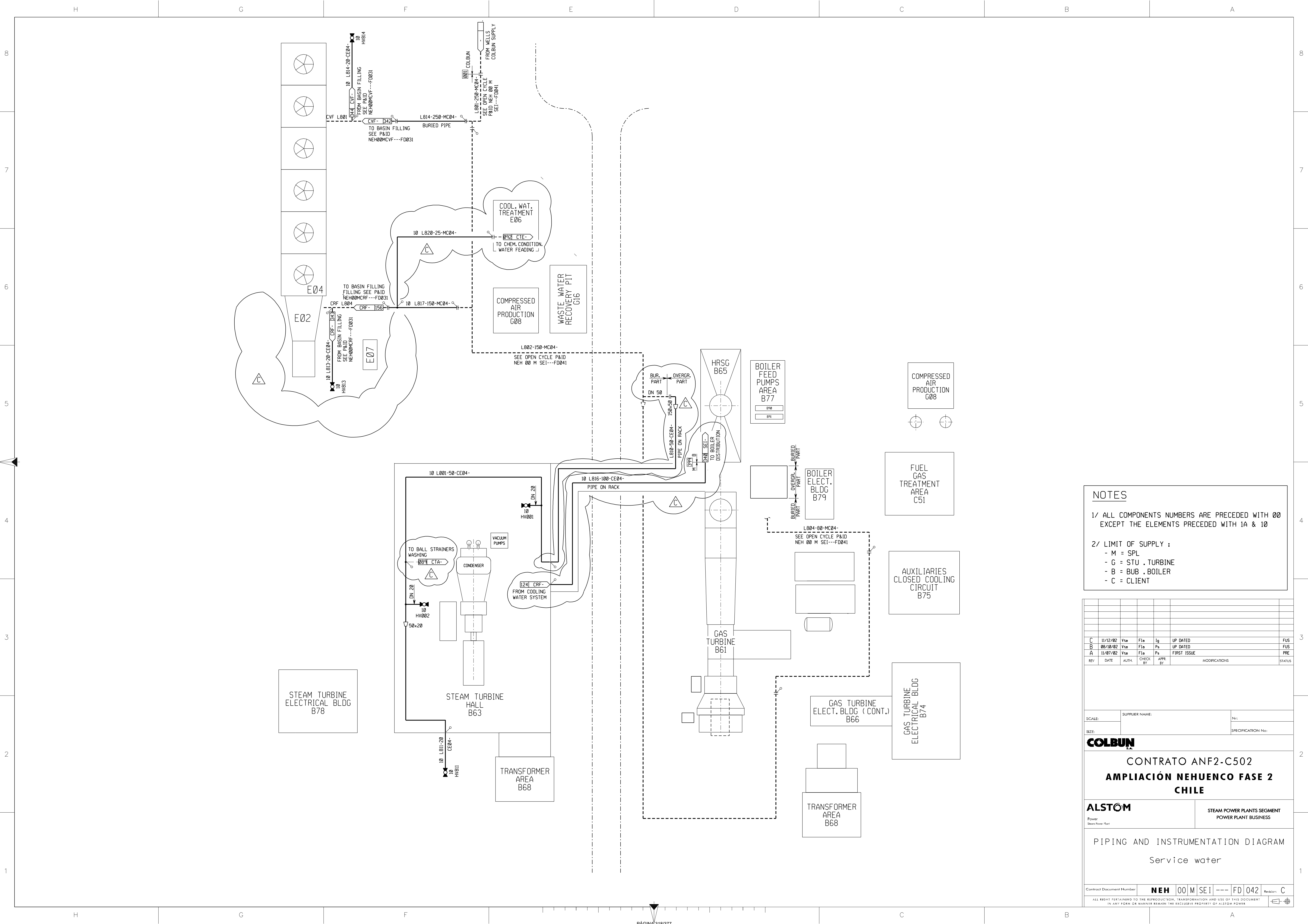
**CONTRATO ANF2-C502
 AMPLIACIÓN NEHUENCO FASE 2
 CHILE**

ALSTOM STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
 Service water
 Open cycle

Contract Document Number: **NEH 00 M SEI --- FD 041** Revision: **D**

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NOTES

1/ ALL COMPONENTS NUMBERS ARE PRECEDED WITH 00 EXCEPT THE ELEMENTS PRECEDED WITH 1A & 10

2/ LIMIT OF SUPPLY :

- M = SPL
- G = STU . TURBINE
- B = BUB , BOILER
- C = CLIENT

REV	DATE	AUTH.	CHECK BY	APPR. BY	MODIFICATIONS	STATUS
C	11/12/02	Vte	Flo	Ig	UP DATED	FUS
B	08/10/02	Vte	Flo	Ps	UP DATED	FUS
A	11/07/02	Vte	Flo	Ps	FIRST ISSUE	PRE

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SIZE: _____ SPECIFICATION No: _____

COLBUN

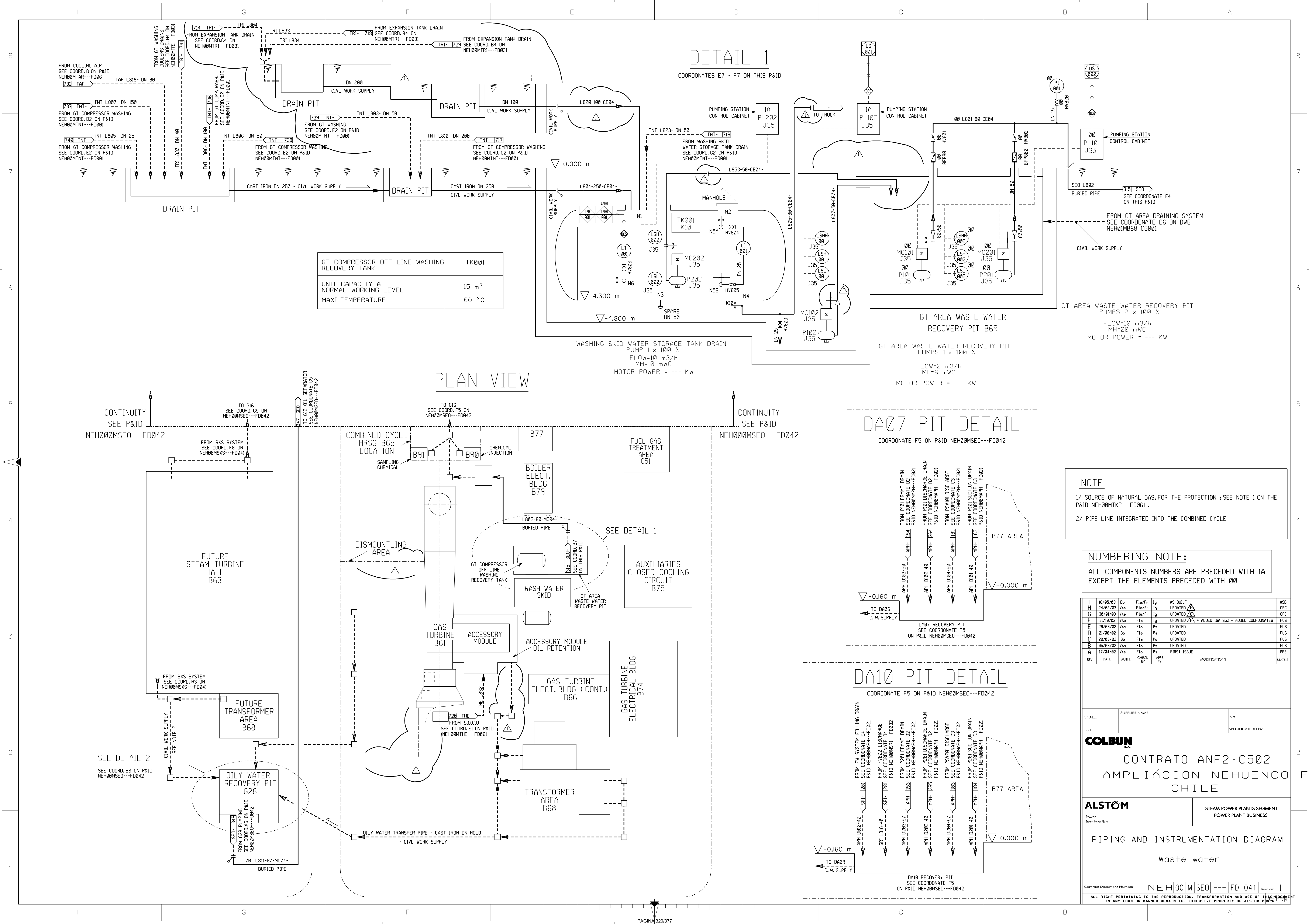
CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2
CHILE

ALSTOM STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
 Service water

Contract Document Number: **NEH 00 M SE1 --- FD 042** Revision: **C**

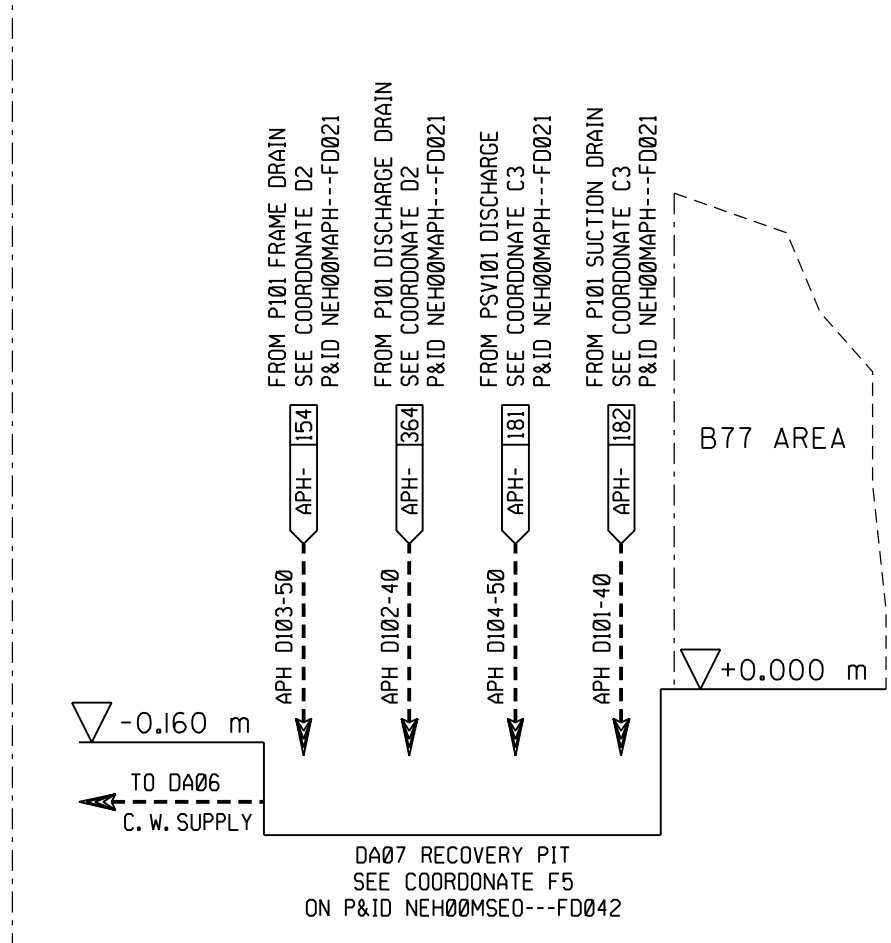
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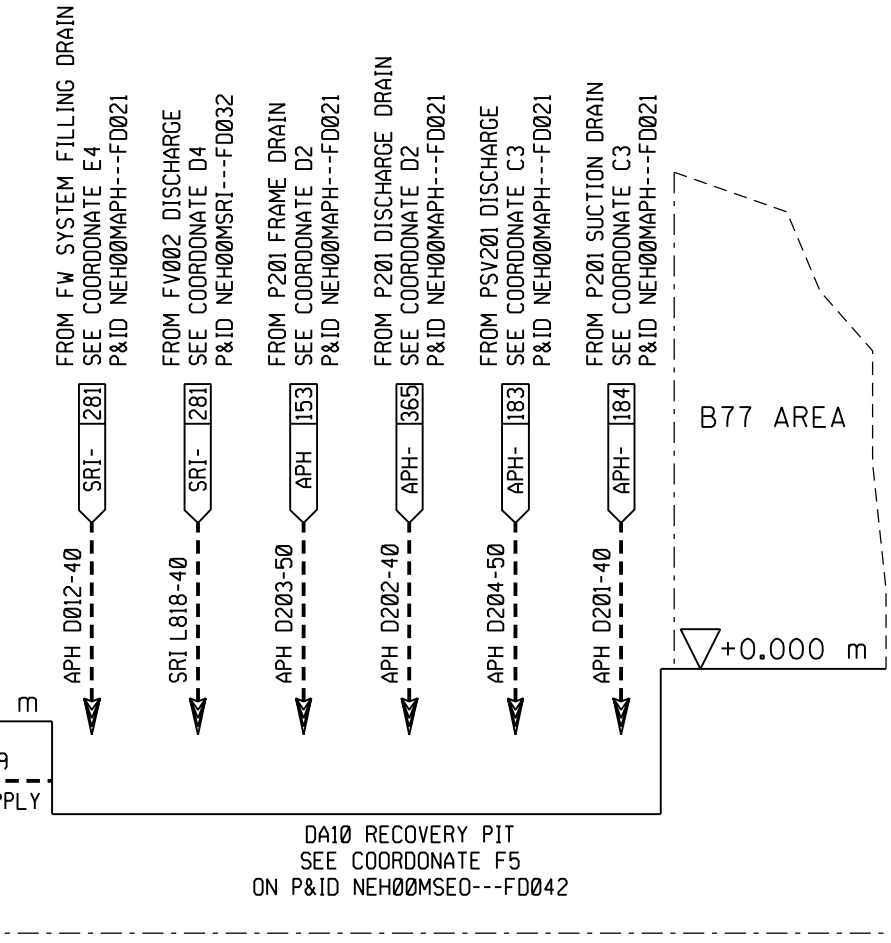
DETAIL 1
COORDINATES E7 - F7 ON THIS P&ID

PLAN VIEW

DA07 PIT DETAIL
COORDINATE F5 ON P&ID NEH00MSE0---FD042



DA10 PIT DETAIL
COORDINATE F5 ON P&ID NEH00MSE0---FD042



NOTE
1/ SOURCE OF NATURAL GAS, FOR THE PROTECTION ; SEE NOTE 1 ON THE P&ID NEH00MTKP---FD061.
2/ PIPE LINE INTEGRATED INTO THE COMBINED CYCLE

NUMBERING NOTE:
ALL COMPONENTS NUMBERS ARE PRECEDED WITH 1A EXCEPT THE ELEMENTS PRECEDED WITH 00

REV	DATE	AUTH.	CHECK BY	APP. BY	MODIFICATIONS	STATUS
I	16/05/03	Bb	Fia/Fr	Ig	AS BUILT	ASB
H	24/02/03	Vte	Fia/Fr	Ig	UPDATED	CFC
G	30/01/03	Vte	Fia/Fr	Ig	UPDATED	CFC
F	31/08/02	Vte	Fia	Ig	UPDATED	FUS
E	28/08/02	Vte	Fia	Ps	UPDATED	FUS
D	21/08/02	Bb	Fia	Ps	UPDATED	FUS
C	20/06/02	Bb	Fia	Ps	UPDATED	FUS
B	05/06/02	Vte	Fia	Ps	UPDATED	FUS
A	17/04/02	Vte	Fia	Ps	FIRST ISSUE	PRE

SCALE: _____ SUPPLIER NAME: _____ No: _____
 SIZE: _____ SPECIFICATION No: _____

COLBUN

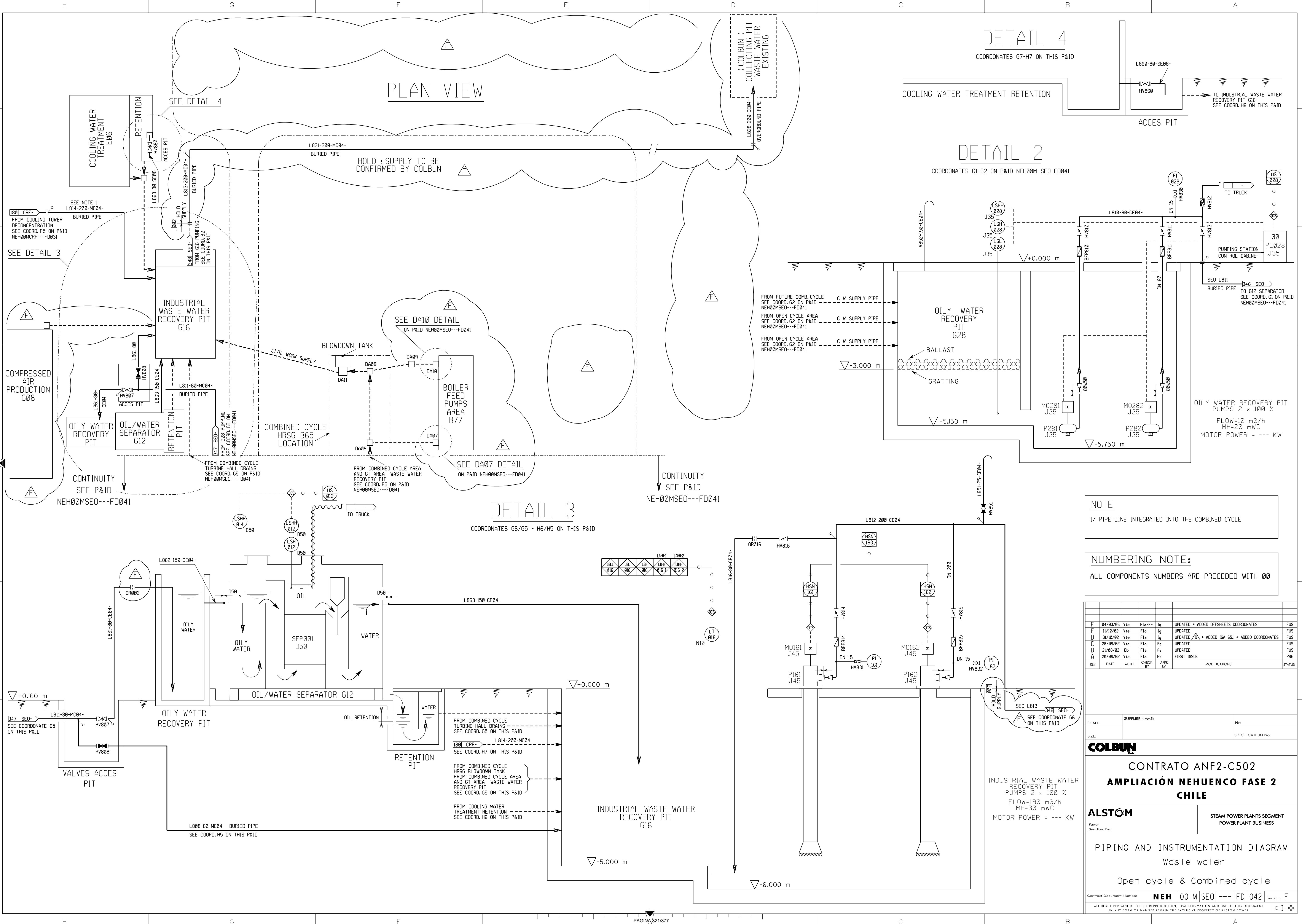
CONTRATO ANF2-C502
AMPLIACION NEHUENCO
CHILE

ALSTOM STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
 Waste water

Contract Document Number: **NEH00MSE0---FD041** Revision: **1**

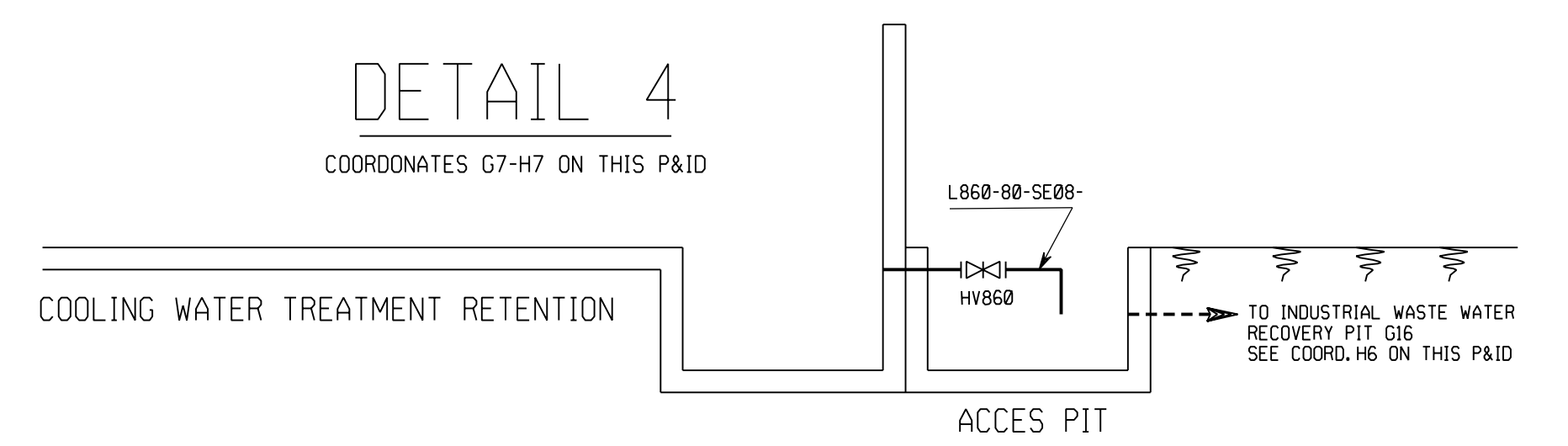
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PLAN VIEW

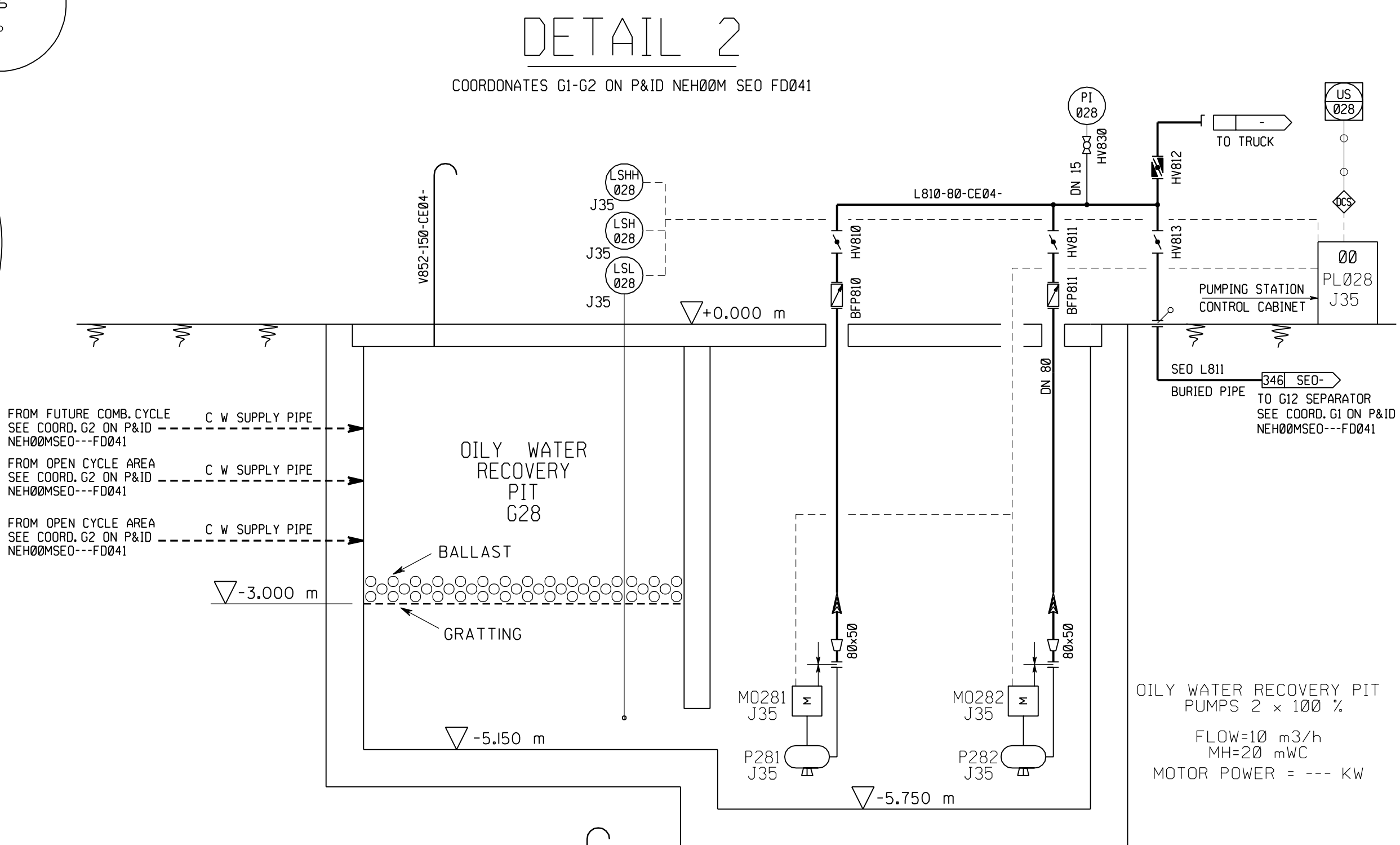
DETAIL 4

COORDINATES G7-H7 ON THIS P&ID



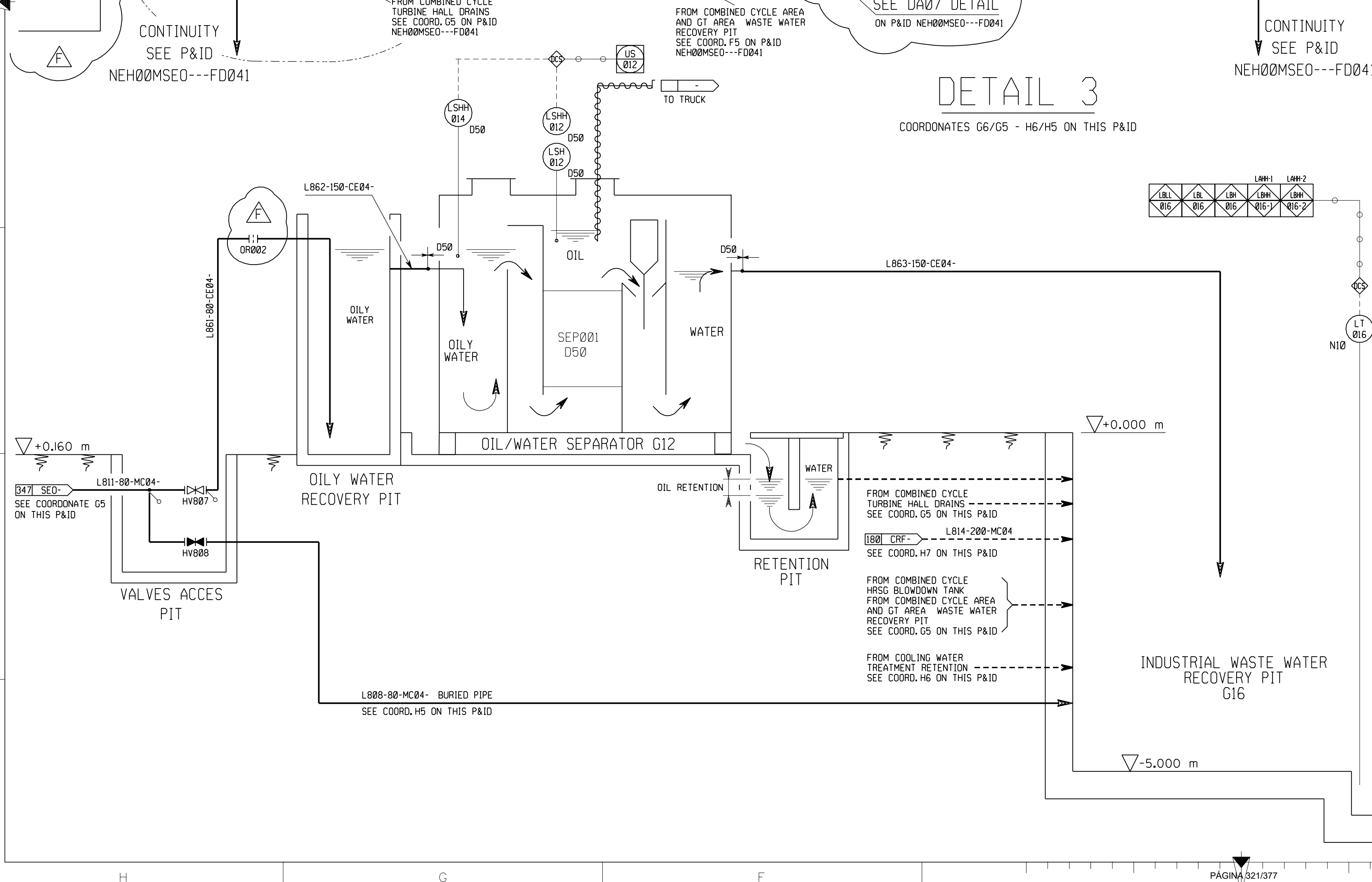
DETAIL 2

COORDINATES G1-G2 ON P&ID NEH00M SE0 FD041



DETAIL 3

COORDINATES G6/G5 - H6/H5 ON THIS P&ID



NOTE
1/ PIPE LINE INTEGRATED INTO THE COMBINED CYCLE

NUMBERING NOTE:
ALL COMPONENTS NUMBERS ARE PRECEDED WITH 00

REV	DATE	AUTH.	CHECK BY	APPR. BY	MODIFICATIONS	STATUS
F	04/03/03	Vto	Flo/Fr	Ig	UPDATED + ADDED OFFSHEETS COORDINATES	FUS
E	11/12/02	Vto	Flo	Ig	UPDATED	FUS
D	31/10/02	Vto	Flo	Ig	UPDATED + ADDED ISA 55.1 + ADDED COORDINATES	FUS
C	28/08/02	Vto	Flo	Ps	UPDATED	FUS
B	23/08/02	Ib	Flo	Ps	UPDATED	FUS
A	28/06/02	Vto	Flo	Ps	FIRST ISSUE	PRE

SCALE: _____ SUPPLIER NAME: _____

SIZE: _____ SPECIFICATION No: _____

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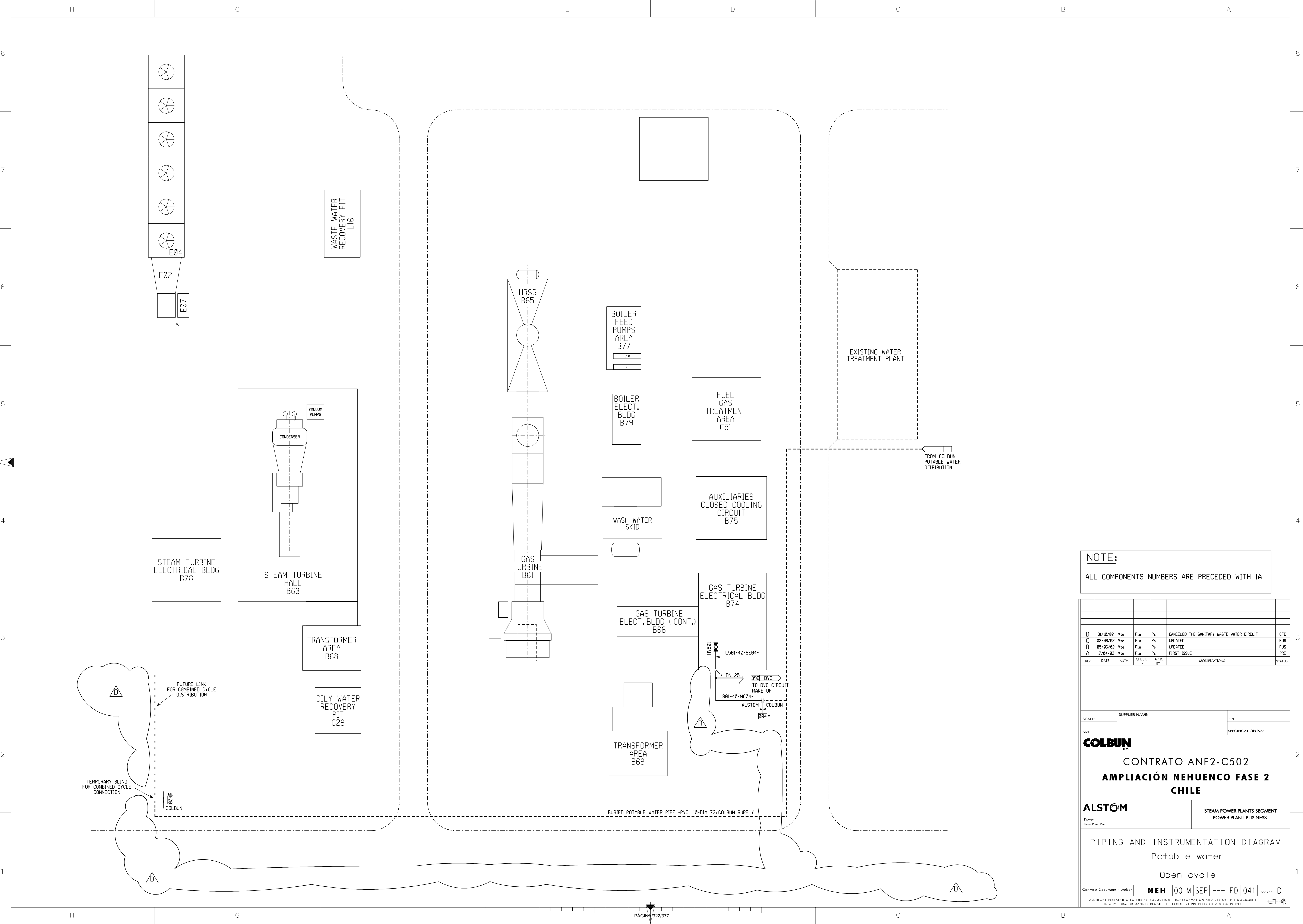
CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2 CHILE

ALSTOM STEAM POWER PLANTS SEGMENT
POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
Waste water
Open cycle & Combined cycle

Contract Document Number: **NEH 00 M SE0 --- FD 042** Revision: **F**

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NOTE:
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REV	DATE	AUTH.	CHECK BY	APPR BY	MODIFICATIONS	STATUS
D	31/10/02	Vte	Flo	Ps	CANCELED THE SANITARY WASTE WATER CIRCUIT	CFC
C	02/08/02	Vte	Flo	Ps	UPDATED	FUS
B	05/06/02	Vte	Flo	Ps	UPDATED	FUS
A	17/04/02	Vte	Flo	Ps	FIRST ISSUE	PRE

SCALE: _____ SUPPLIER NAME: _____

SIZE: _____ SPECIFICATION No: _____

COLBUN

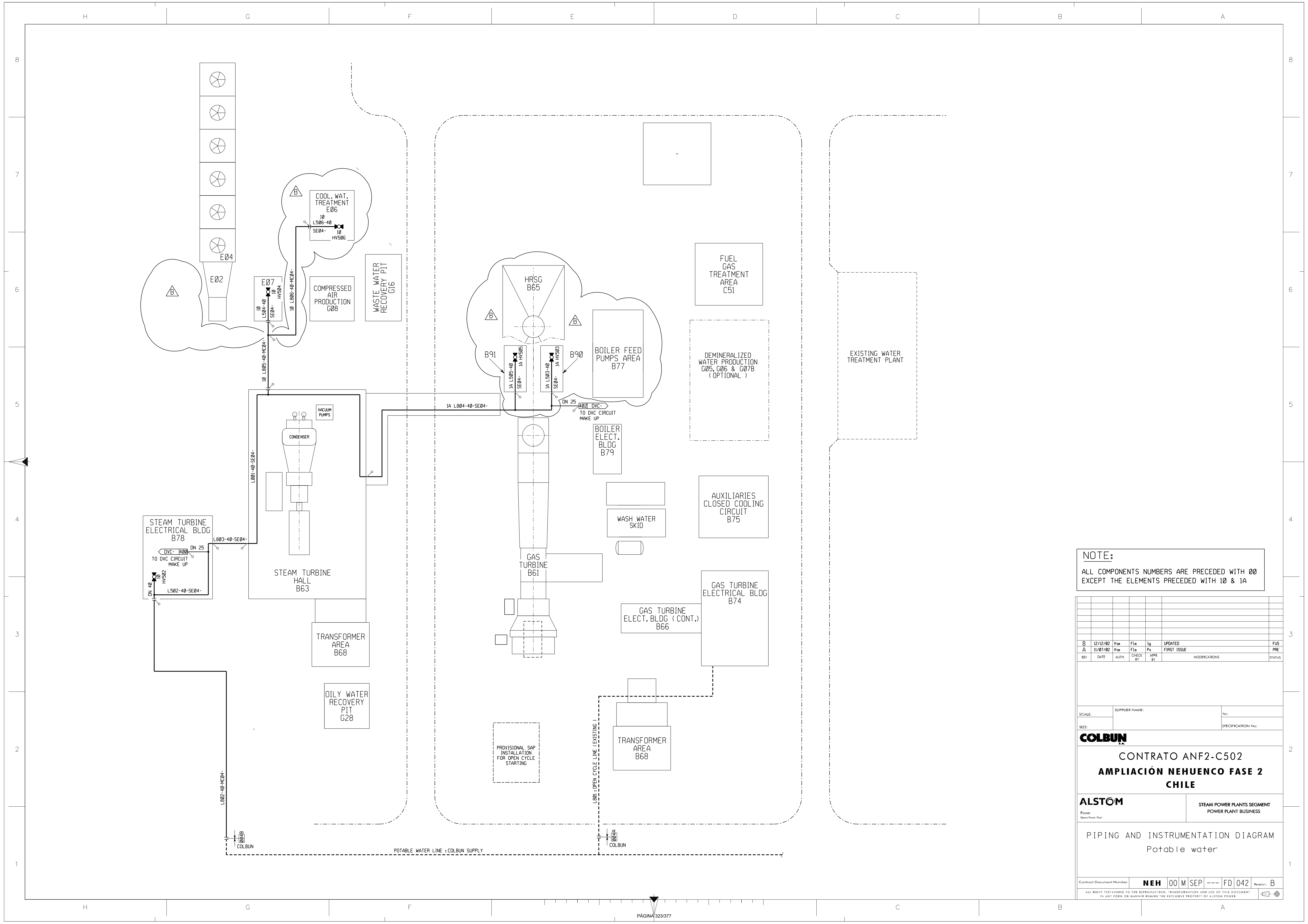
**CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2
CHILE**

ALSTOM Power Steam Power Plant | STEAM POWER PLANTS SEGMENT
POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
Potable water
Open cycle

Contract Document Number: **NEH 00 M SEP --- FD 041** Revision: **D**

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NOTE:
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 EXCEPT THE ELEMENTS PRECEDED WITH 10 & 1A

REV	DATE	AUTH.	CHECK BY	APP. BY	MODIFICATIONS	STATUS
B	12/12/02	Vte	Flo	Ig	UPDATED	FUS
A	11/07/02	Vte	Flo	Ps	FIRST ISSUE	PRE

SCALE: _____ SUPPLIER NAME: _____ Nr: _____
 SIZE: _____ SPECIFICATION No: _____

COLBUN

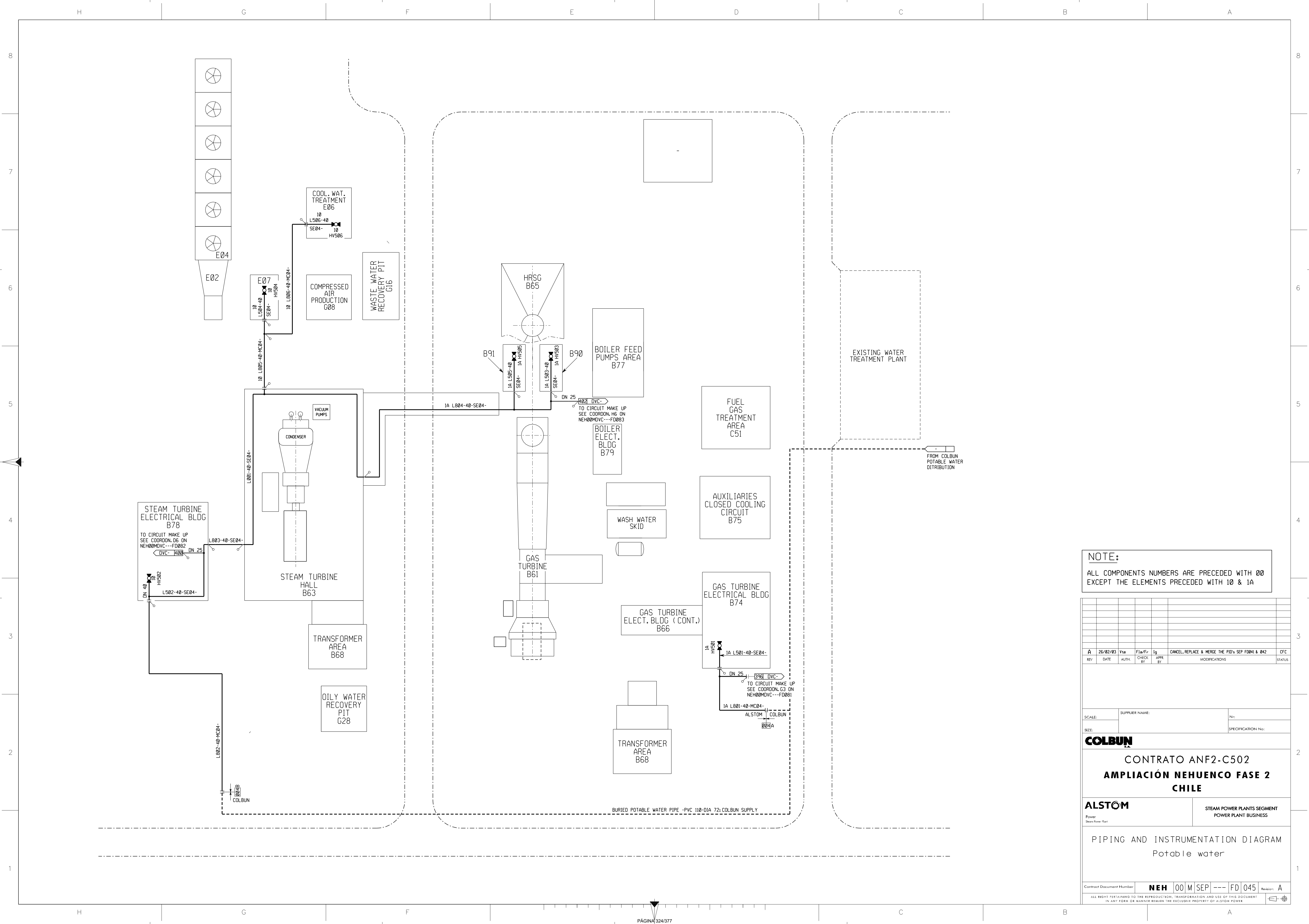
**CONTRATO ANF2-C502
 AMPLIACIÓN NEHUENCO FASE 2
 CHILE**

ALSTOM STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
 Potable water

Contract Document Number: **NEH 00 M SEP --- FD 042** Revision: **B**

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NOTE:
 ALL COMPONENTS NUMBERS ARE PRECEDED WITH 00
 EXCEPT THE ELEMENTS PRECEDED WITH 10 & 1A

REV	DATE	AUTH.	CHK BY	APP BY	MODIFICATIONS	STATUS
A	26/02/03	Vte	Fia/Fr	Ig	CANCEL, REPLACE & MERGE THE FID'S SEP FD041 & 042	CFC

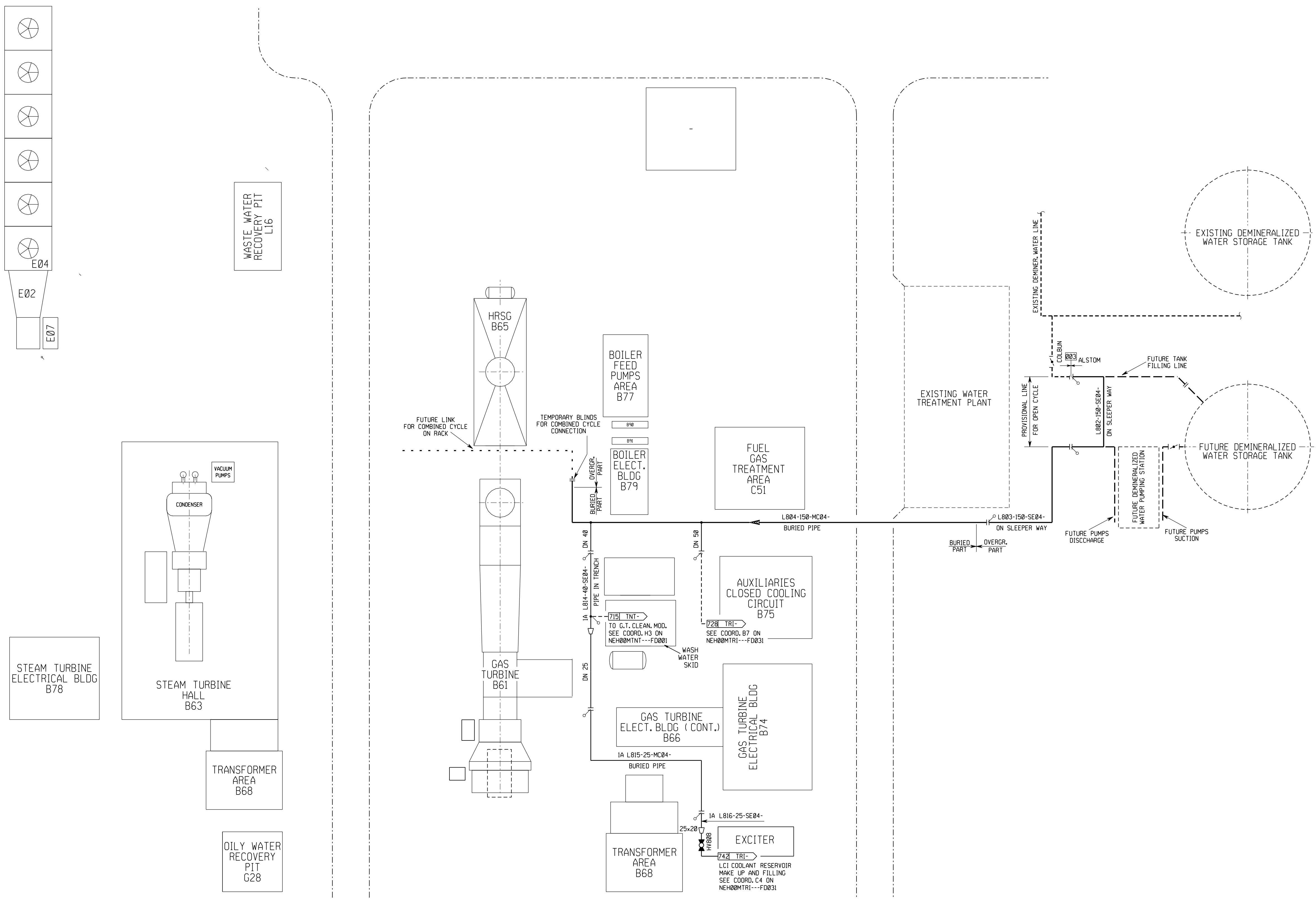
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 SIZE: _____ SPECIFICATION No: _____

COLBUN

**CONTRATO ANF2-C502
 AMPLIACIÓN NEHUENCO FASE 2
 CHILE**

ALSTOM STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
 Potable water



NOTE:
ALL COMPONENTS NUMBERS ARE PRECEDED WITH 00

REV	DATE	AUTH	CHECK BY	APPR BY	MODIFICATIONS	STATUS
D	31/10/02	Vte	Flo	Ig	ADDED THE OFFSHEETS COORDINATES	CFC
C	02/06/02	Vte	Flo	Pa	UPDATED	FUS
B	05/06/02	Vte	Flo	Pa	UPDATED	FUS
A	17/04/02	Vte	Flo	Pa	FIRST ISSUE	PRE

SCALE: _____ SUPPLIER NAME: _____ Nr: _____
 SIZE: _____ SPECIFICATION No: _____

COLBUN

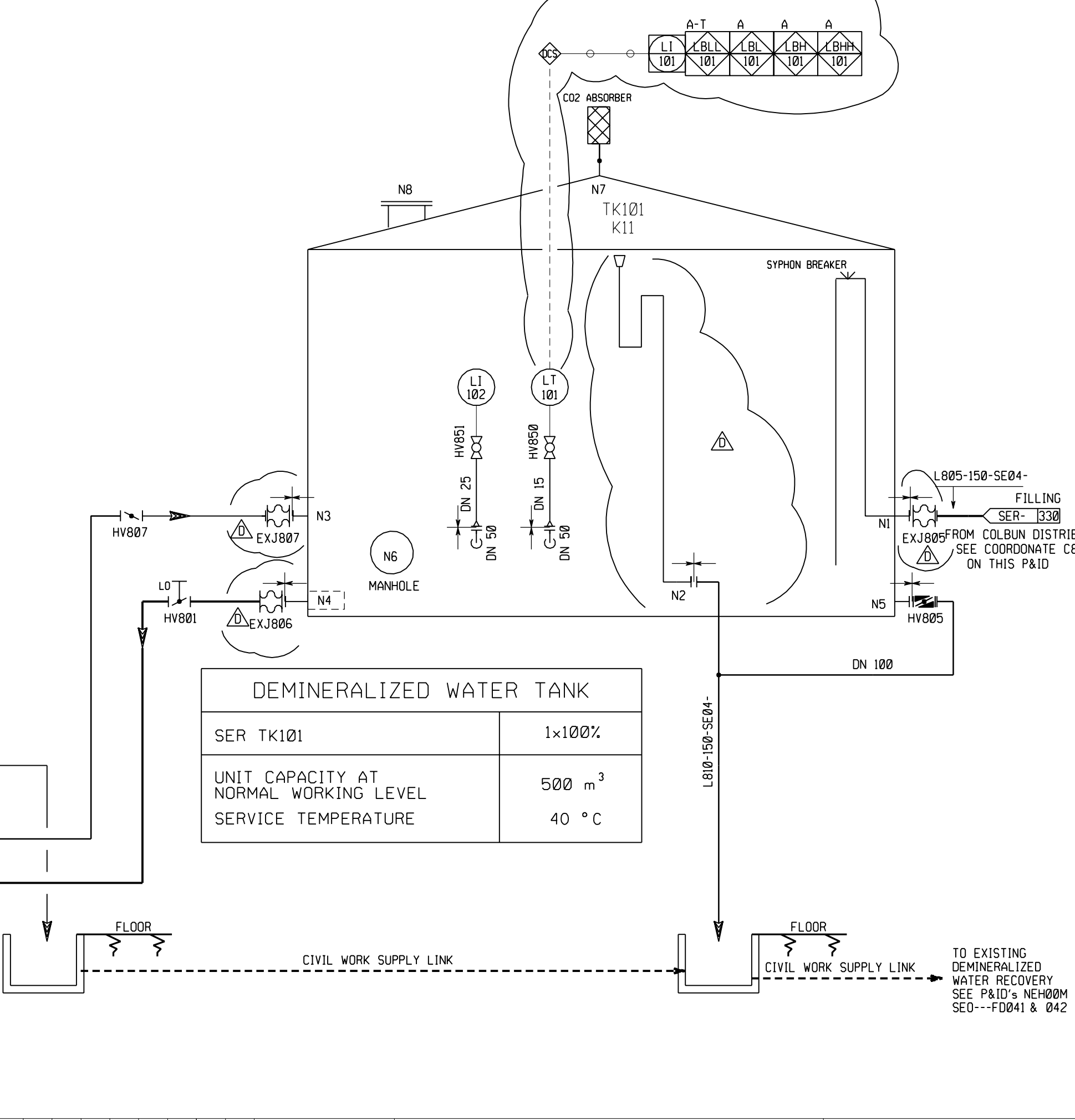
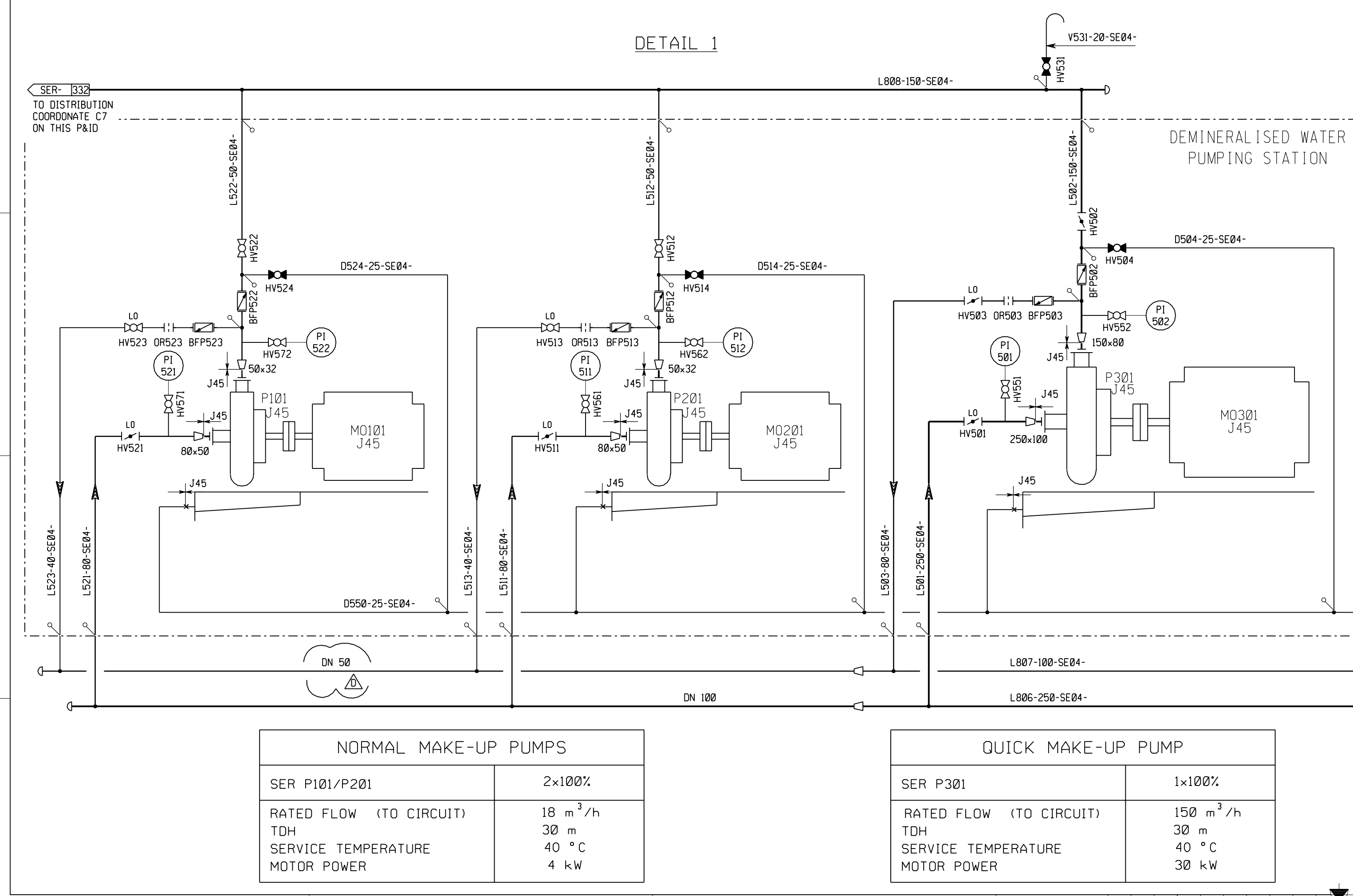
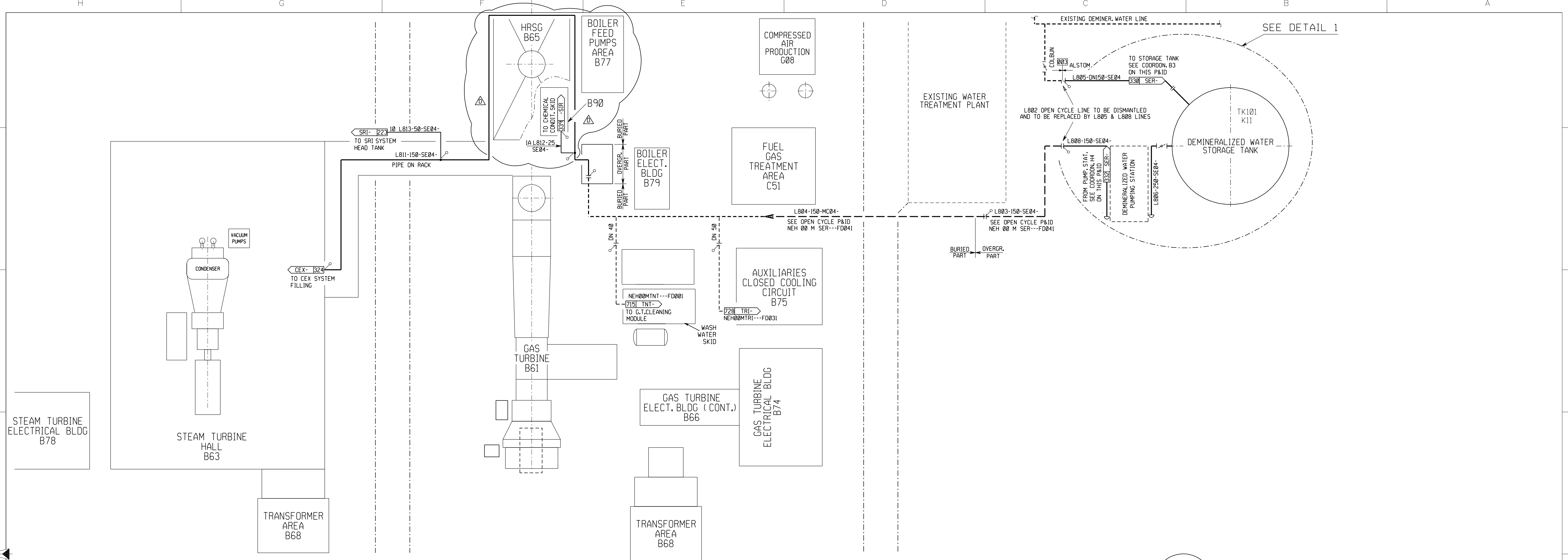
**CONTRATO ANF2-C502
 AMPLIACIÓN NEHUENCO FASE 2
 CHILE**

ALSTOM Power Steam Power Plant
 STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
 Demineralized water distribution
 Open cycle

Contract Document Number: **NEH 00 | M SER --- | FD 041** Revision: **D**

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NOTES

1/ ALL COMPONENTS NUMBERS ARE PRECEDED WITH 00 EXCEPT THE ELEMENTS PRECEDED WITH 10 & 1A

2/ LIMIT OF SUPPLY :

- M = SPL
- G = STU . TURBINE
- B = BUB , BOILER
- C = CLIENT

REV	DATE	AUTH.	CHECK BY	APPR. BY	MODIFICATIONS	STATUS
D	12/12/02	Vte	Flo	Ig	UPDATED	FUS
C	08/10/02	Vte	Flo	Ps	UPDATED	FUS
B	28/08/02	Vte	Flo	Ps	UPDATED	FUS
A	25/06/02	Vte	Flo	Fr	FIRST ISSUE	PRE

SCALE: _____ SUPPLIER NAME: _____ Nr: _____

SIZE: _____ SPECIFICATION No: _____

COLBUN

CONTRATO ANF2-C502

AMPLIACIÓN NEHUENCO FASE 2

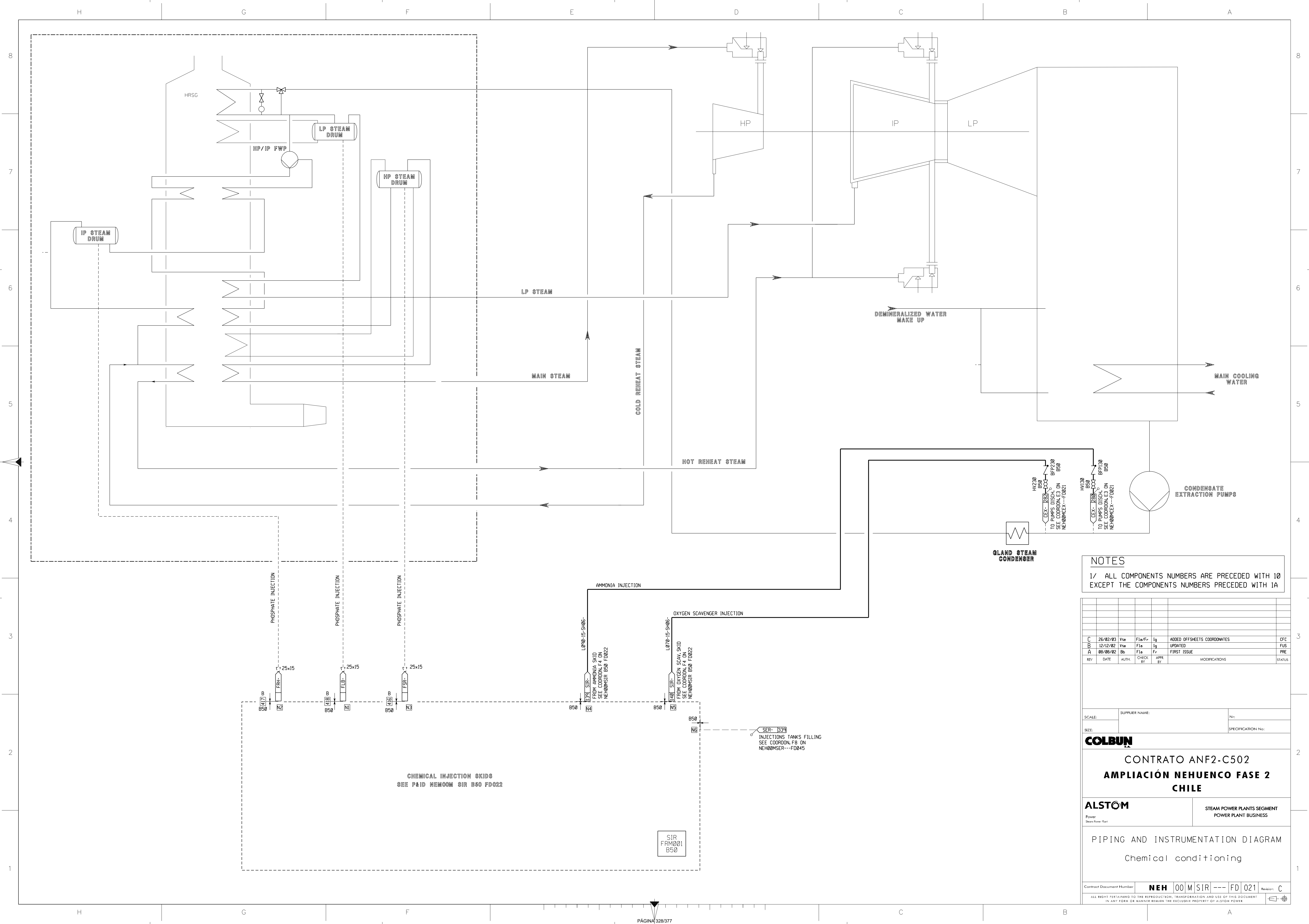
CHILE

ALSTOM STEAM POWER PLANTS SEGMENT
POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
Demineralized water distribution

Contract Document Number: **NEH 00 M SER --- FD 042** Revision: **D**

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NOTES
 1/ ALL COMPONENTS NUMBERS ARE PRECEDED WITH 10 EXCEPT THE COMPONENTS NUMBERS PRECEDED WITH 1A

REV	DATE	AUTH.	CHECK BY	APP. BY	MODIFICATIONS	STATUS
C	26/02/03	Vte	Fila/Fr	Ig	ADDED OFFSHEETS COORDINATES	CFC
B	12/12/02	Vte	Fila	Ig	UPDATED	FUS
A	08/08/02	Bb	Fila	Fr	FIRST ISSUE	PRE

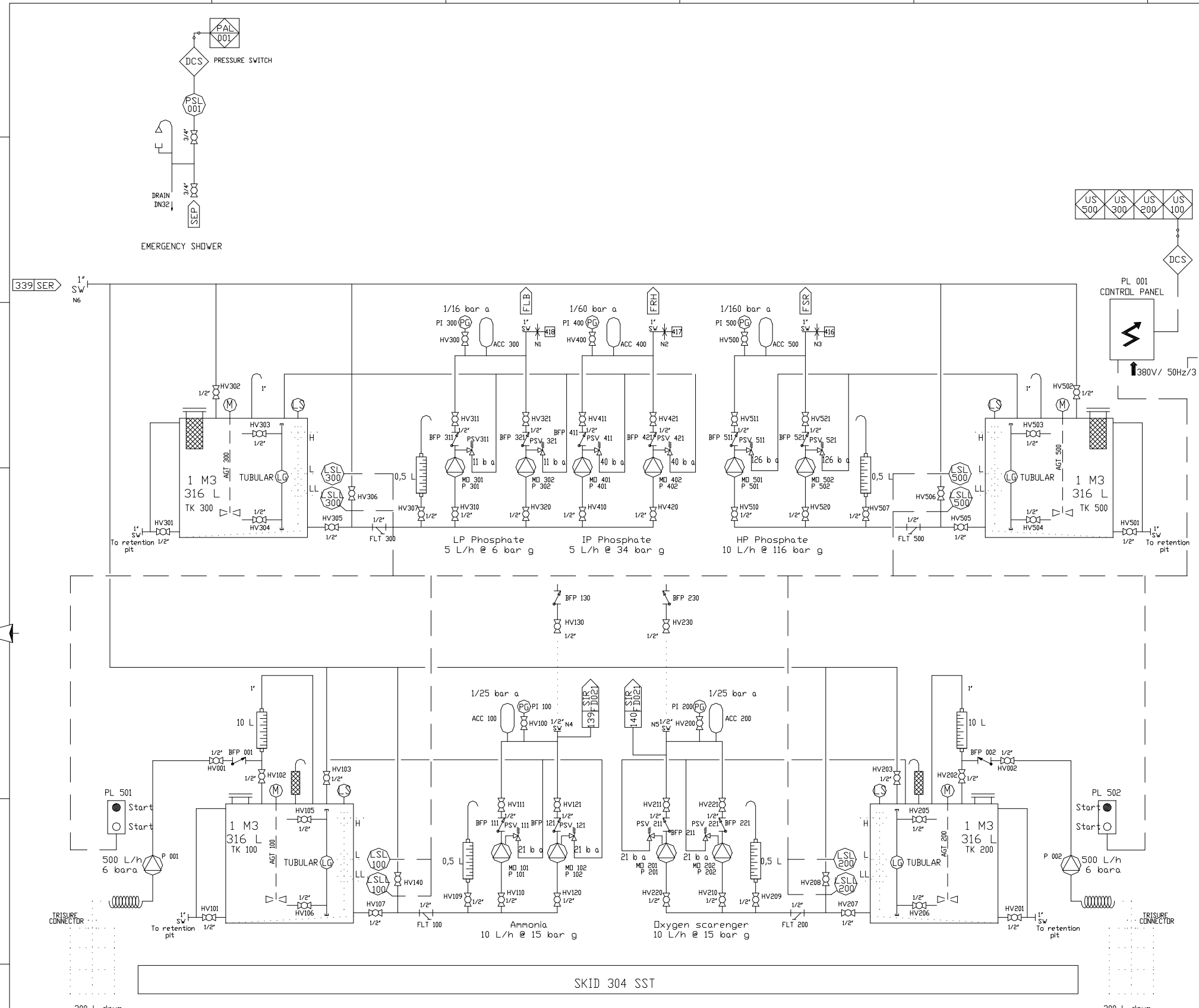
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 SIZE: _____ SPECIFICATION No: _____

COLBUN
 CONTRATO ANF2-C502
 AMPLIACIÓN NEHUENCO FASE 2
 CHILE

ALSTOM
 Power Steam Power Plant
 STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
 Chemical conditioning

Contract Document Number: **NEH 00 M SIR --- FD 021** Revision: **C**
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Tolérances générales	Dimensions linéaire					Angulaires	Tolérances géométriques			
	<30 ±0,5	30 à 315 ±1	315 à 1000 ±1,5	1000 à 3000 ±2	3000 à 6000 ±5		±1'	⊥ 1	≡ 1	/ / 0,2
02	05/05/03	D.R	T.P	IN ACCORDING WITH YOUR COMMENT FROM DATED : 11/02/03						
01	03/12/02	SETI	SETI	MISE A JOUR						
Revision	Date	Dessine	Verifie	Texte de la modification						
00	03/10/02			ORIGINAL						Observations:
				CHEMICAL INJECTION SKIDS PID - AMMONIA / OXYGEN SCAVENGER / PHOSPHATE				Propriete exclusive - Communication et reproduction interdites. A2 C02.25629.01.4 02		

C	05/05/03	D.R	T.P	J.M.R	IN ACCORDING WITH YOUR COMMENT		FUS
B	16/01/03	Y.G	--	--	UPDAED WITH TAG NUMBERS		FUS
A	03/10/02	P.J.M	DP	J.M.R	Preliminary		PRE
REV	DATE	AUTH.	CHECK BY	APPR. BY	MODIFICATIONS		STATUS

SCALE: /	SUPPLIER NAME:	Nr: C02-25629/01/4
SIZE: A2		SPECIFICATION No: B50

COLBUN
E.A.

CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2
CHILE

ALSTOM
Power
Steam Power Plant

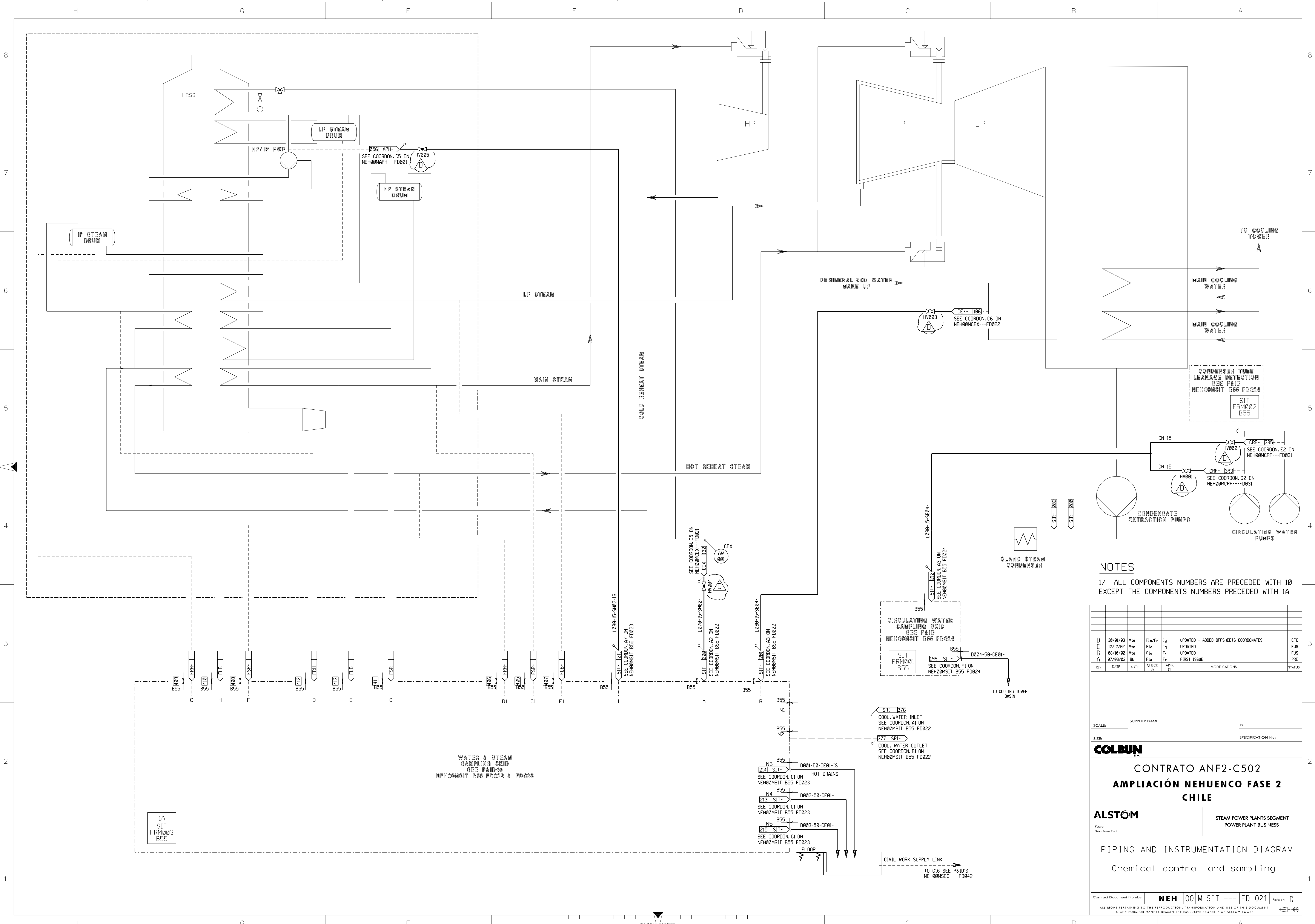
**STEAM POWER PLANTS SEGMENT
POWER PLANT BUSINESS**

CHEMICAL INJECTION SKIDS
P&I D
AMMONIA OXYGEN SCAVENGER PHOSPHATE

Contract Document Number	NEH	00	M	SIR	B50	FD	022	Revision: C
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- NOTES**
- 1) COMPONENTS NUMBERS ARE PRECEDED BY 1A SIR FOR PHOSPHATE
 - 2) COMPONENTS NUMBERS ARE PRECEDED BY 10 SIR FOR AMMONIA AND OXYGEN SCAVENGER
 - 3) FOR INTERFACES REFER TO NEH00M SIR---FD021



NOTES
 1/ ALL COMPONENTS NUMBERS ARE PRECEDED WITH 10
 EXCEPT THE COMPONENTS PRECEDED WITH 1A

REV	DATE	AUTH.	CHECK BY	APPR. BY	MODIFICATIONS	STATUS
D	30/01/03	Vto	Fja/Fr	Ig	UPDATED + ADDED OFFSHEETS COORDINATES	CFC
C	12/12/02	Vto	Fja	Ig	UPDATED	FUS
B	08/10/02	Vto	Fja	Fr	UPDATED	FUS
A	07/08/02	Bb	Fr	Fr	FIRST ISSUE	PRE

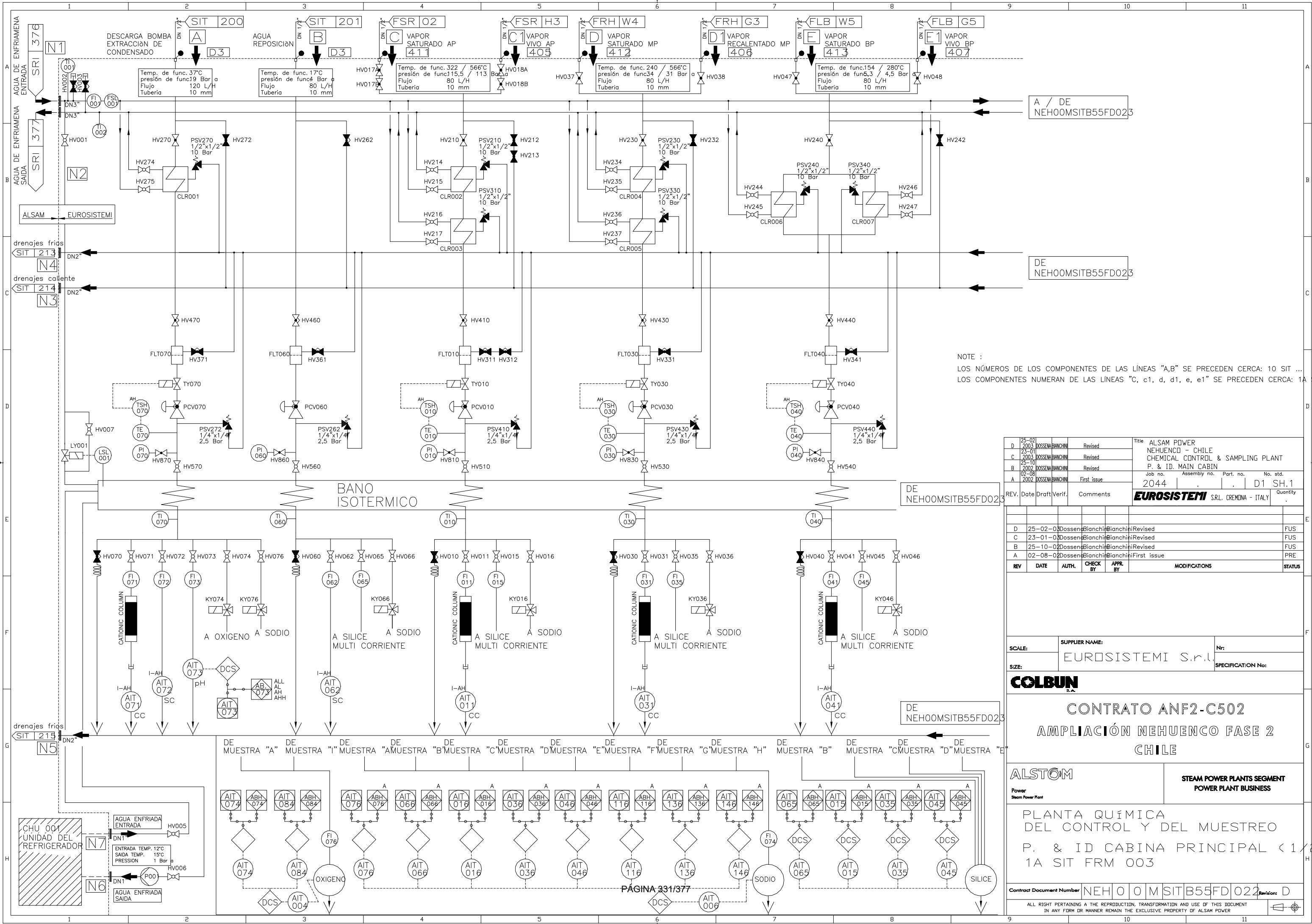
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 SIZE: _____ SPECIFICATION No: _____

CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2
CHILE

ALSTOM STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
 Chemical control and sampling

Contract Document Number **NEH 00 M SIT --- FD 021** Revision: **D**
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NOTE :
 LOS NÚMEROS DE LOS COMPONENTES DE LAS LÍNEAS "A,B" SE PRECEDEN CERCA: 10 SIT ...
 LOS COMPONENTES NUMERAN DE LAS LÍNEAS "C, c1, d, d1, e, e1" SE PRECEDEN CERCA: 1A

25-02	2003	DOSSENA BIANCHINI	Revised	Title ALSAM POWER NEHUENCO - CHILE CHEMICAL CONTROL & SAMPLING PLANT P. & ID. MAIN CABIN Job no. 2044 Assembly no. Part. no. No. std. D1 SH.1 REV. Date Draft Verif. Comments	Quantity EUROSISTEMI S.R.L. CREMONA - ITALY
25-01	2003	DOSSENA BIANCHINI	Revised		
25-10	2002	DOSSENA BIANCHINI	Revised		
02-08	2002	DOSSENA BIANCHINI	First issue		
02-08	2002	DOSSENA BIANCHINI	First issue		

D	25-02-02	Dossena	Bianchini	Bianchini	Revised	FUS
C	23-01-02	Dossena	Bianchini	Bianchini	Revised	FUS
B	25-10-02	Dossena	Bianchini	Bianchini	Revised	FUS
A	02-08-02	Dossena	Bianchini	Bianchini	First issue	PRE

SCALE:	SUPPLIER NAME:	Nr:
SIZE:	EUROSISTEMI S.r.l.	SPECIFICATION No:

COLBUN
S.A.

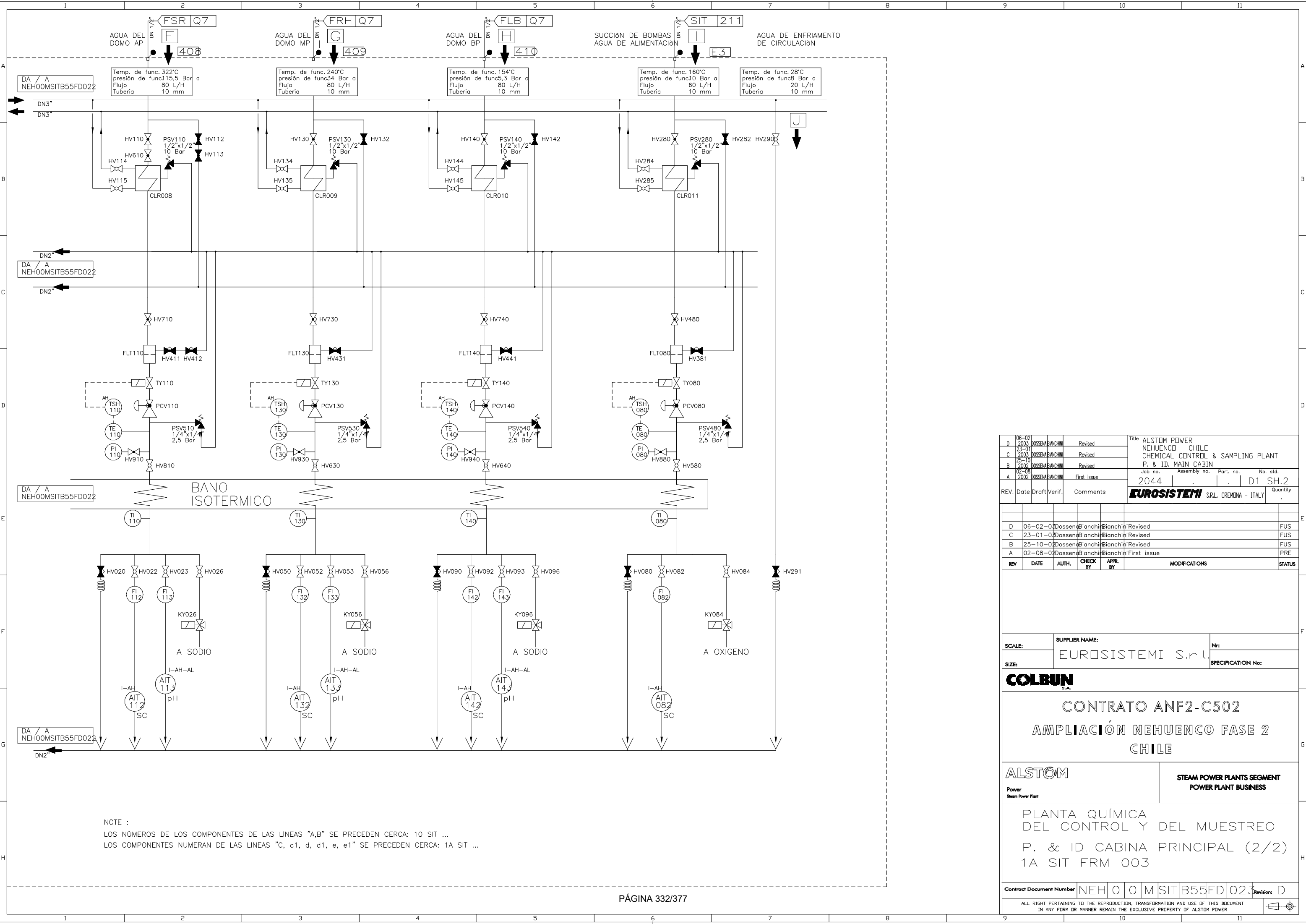
CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2
CHILE

ALSTOM
 Power
 Steam Power Plant
STEAM POWER PLANTS SEGMENT
POWER PLANT BUSINESS

PLANTA QUÍMICA
 DEL CONTROL Y DEL MUESTREO
 P. & ID CABINA PRINCIPAL < 1 /
 1A SIT FRM 003

Contract Document Number **NEH 0 0 M SIT B55 FD 022** Revision: **D**

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NOTE :
 LOS NÚMEROS DE LOS COMPONENTES DE LAS LÍNEAS "A,B" SE PRECEDEN CERCA: 10 SIT ...
 LOS COMPONENTES NUMERAN DE LAS LÍNEAS "C, c1, d, d1, e, e1" SE PRECEDEN CERCA: 1A SIT ...

06-02-2003	ROSSENA BIANCHINI	Revised	Title ALSTOM POWER NEHUENCO - CHILE CHEMICAL CONTROL & SAMPLING PLANT P. & ID. MAIN CABIN Job no. Assembly no. Part. no. No. std. 2044 . . . D1 SH.2 EUROSISTEMI S.R.L. CREMONA - ITALY Quantity .	
23-01-2003	ROSSENA BIANCHINI	Revised		
25-10-2002	ROSSENA BIANCHINI	Revised		
02-08-2002	ROSSENA BIANCHINI	First issue		
REV.	Date	Draft		Verif.

D	06-02-03	Dossena	Bianchini	Bianchini	Revised	FUS
C	23-01-03	Dossena	Bianchini	Bianchini	Revised	FUS
B	25-10-02	Dossena	Bianchini	Bianchini	Revised	FUS
A	02-08-02	Dossena	Bianchini	Bianchini	First issue	PRE
REV	DATE	AUTH.	CHECK BY	APPR. BY	MODIFICATIONS	STATUS

SCALE: SUPPLIER NAME: EUROSYSTEMI S.r.l. Nr: SPECIFICATION No:

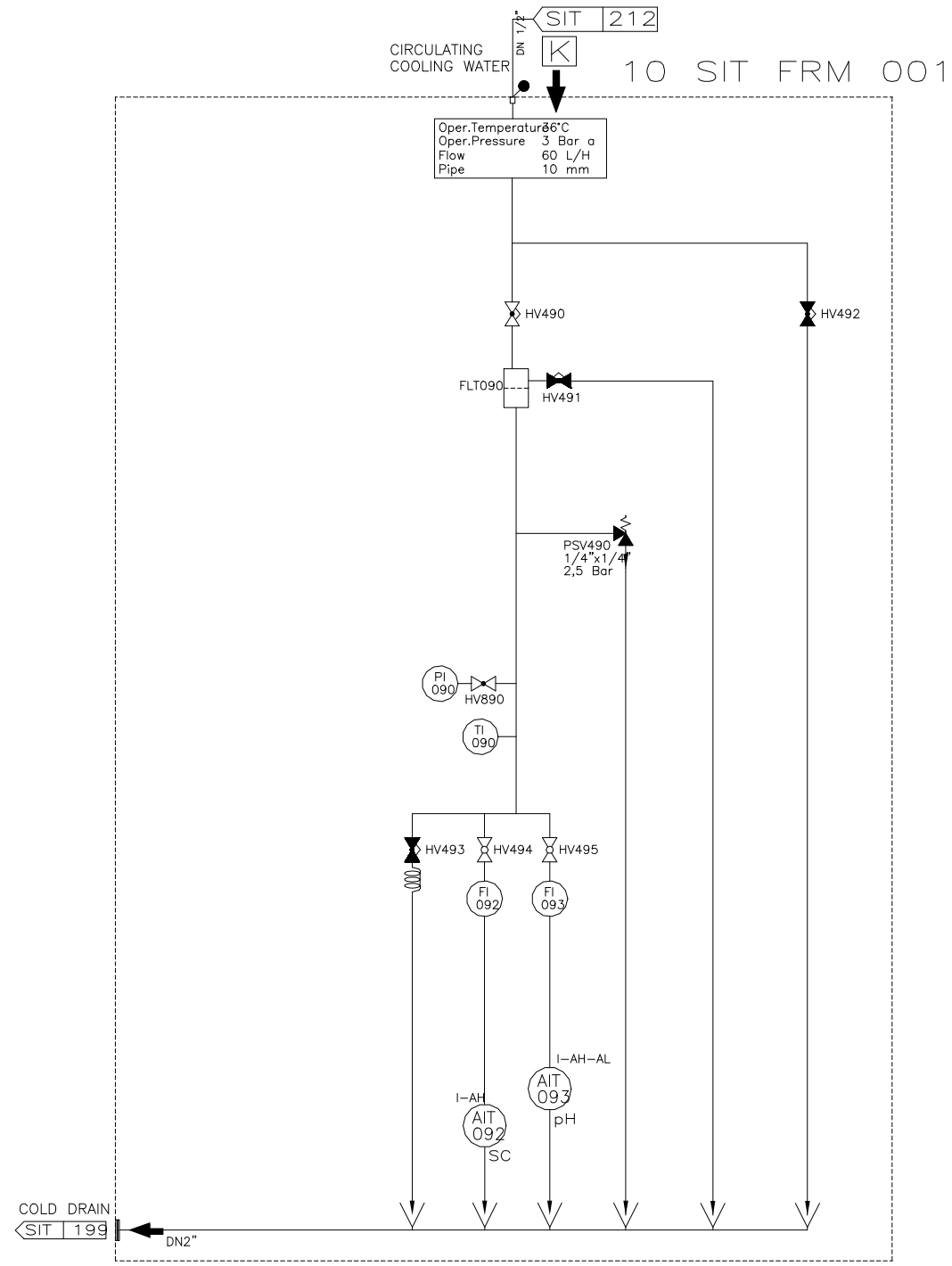
COLBUN
 S.A.
CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2
CHILE

ALSTOM
 Power
 Steam Power Plant
STEAM POWER PLANTS SEGMENT
POWER PLANT BUSINESS

PLANTA QUÍMICA
 DEL CONTROL Y DEL MUESTREO
 P. & ID CABINA PRINCIPAL (2/2)
 1A SIT FRM 003

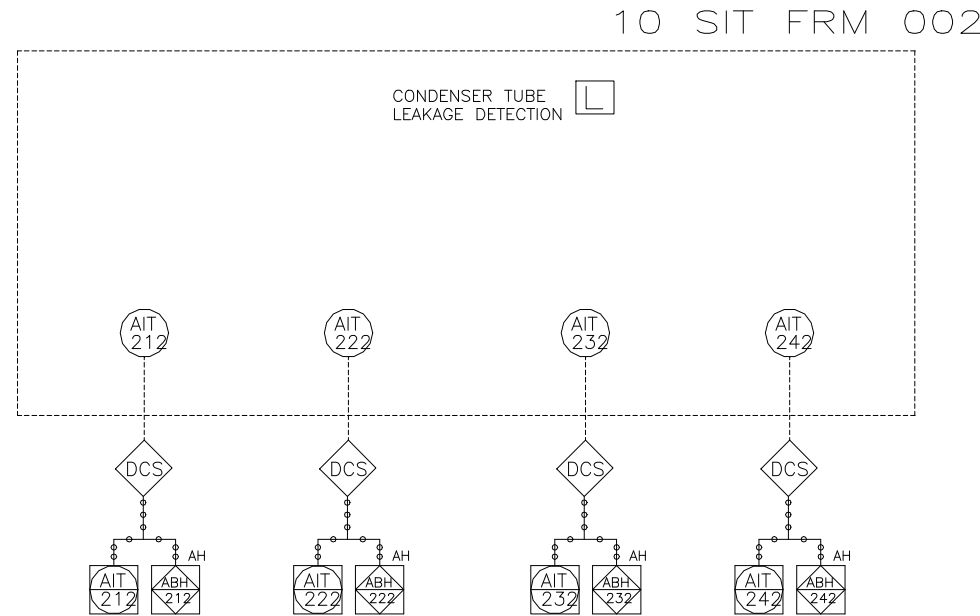
Contract Document Number: NEH 0 0 M SIT B55FD 023 Revision: D

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COLD DRAIN
SIT 199
DN2"

SEE PID NEH00SIT...FD021



NOTE :
ALL COMPONENTS NUMBERS ARE PRECEDED BY 10 SIT ..

				Title ALSTOM POWER NEHUENCO - CHILE CHEMICAL CONTROL & SAMPLING PLANT P. & ID. LOCAL RACKS			
C	22-01-03	Dossena	Bianchini	Bianchini	Revised		
B	25-10-02	Dossena	Bianchini	Bianchini	Revised		
A	02-08-02	Dossena	Bianchini	Bianchini	First issue		
REV.	DATE	DRAFT	VERIF.	COMMENTS	Job no. Assembly no. Part. no. No. std. 2044 . . . D1 SH.3		
					Quantity EUROSISTEMI S.R.L. CREMONA - ITALY		

C	22-01-03	Dossena	Bianchini	Bianchini	Revised	FUS
B	25-10-02	Dossena	Bianchini	Bianchini	Revised	FUS
A	02-08-02	Dossena	Bianchini	Bianchini	First issue	PRE

REV	DATE	AUTH.	CHECK BY	APPR. BY	MODIFICATIONS	STATUS

SCALE: SUPPLIER NAME: EUROSYSTEMI S.r.l. Nr: SPECIFICATION No:

COLBUN

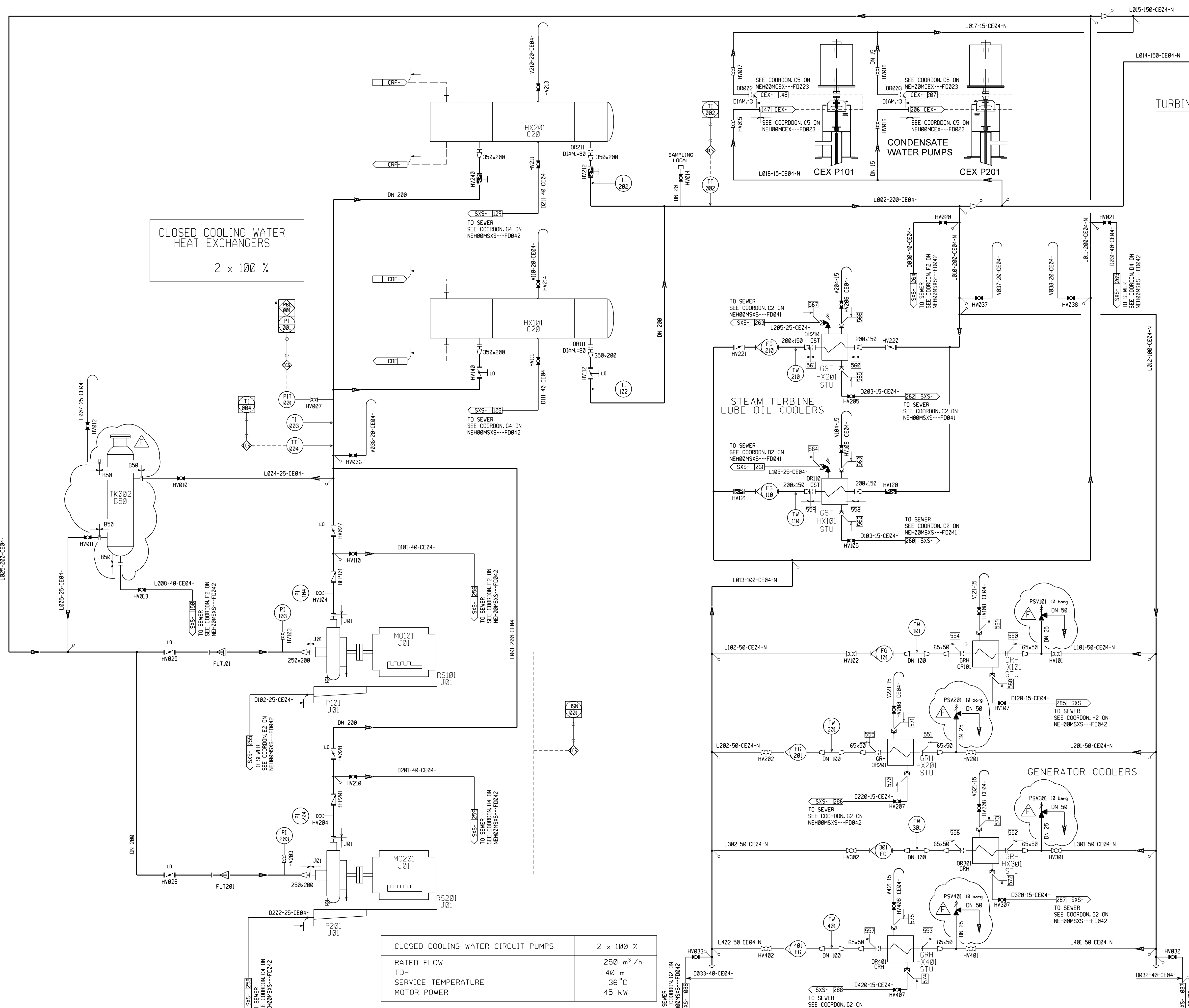
CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2
CHILE

ALSTOM STEAM POWER PLANTS SEGMENT
POWER PLANT BUSINESS

WATER & STEAM SAMPLING SYSTEM
P. & ID LOCAL RACKS

Contract Document Number NEH 0 0 M SIT B55FD 024 Revision: C

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CLOSED COOLING WATER HEAT EXCHANGERS
2 x 100 %

CLOSED COOLING WATER CIRCUIT PUMPS		2 x 100 %
RATED FLOW		250 m ³ /h
TDH		40 m
SERVICE TEMPERATURE		36 °C
MOTOR POWER		45 kW

NOTES

1/ ALL COMPONENTS NUMBERS ARE PRECEDED WITH 10

2/ LIMIT OF SUPPLY :

- M = SPL
- G = STU . TURBINE
- B = BUB . BOILER
- C = CLIENT

REV	DATE	AUTH	CHECK BY	APPR BY	MODIFICATIONS	STATUS
F	10/03/03	Vto	Flo/Fr	Ig	UPDATED	CFC
E	29/01/03	Vto	Flo/Fr	Ig	UPDATED + ADDED OFFSHEETS COORDINATES	CFC
D	12/12/02	Vto	Flo	Ig	UPDATED + ADDED ISA S5.1	FUS
C	05/10/02	Vto	Flo	Ig	UPDATED	FUS
B	28/05/02	Vto	Flo	Ps	UPDATED	PRE
A	02/05/02	Bb	Flo	Fr	FIRST ISSUE	PRE

SCALE: _____ SUPPLIER NAME: _____ Nr: _____

SIZE: _____ SPECIFICATION No: _____

COLBUN

CONTRATO ANF2-C502

AMPLIACIÓN NEHUENCO FASE 2

CHILE

ALSTOM STEAM POWER PLANTS SEGMENT
POWER PLANT BUSINESS

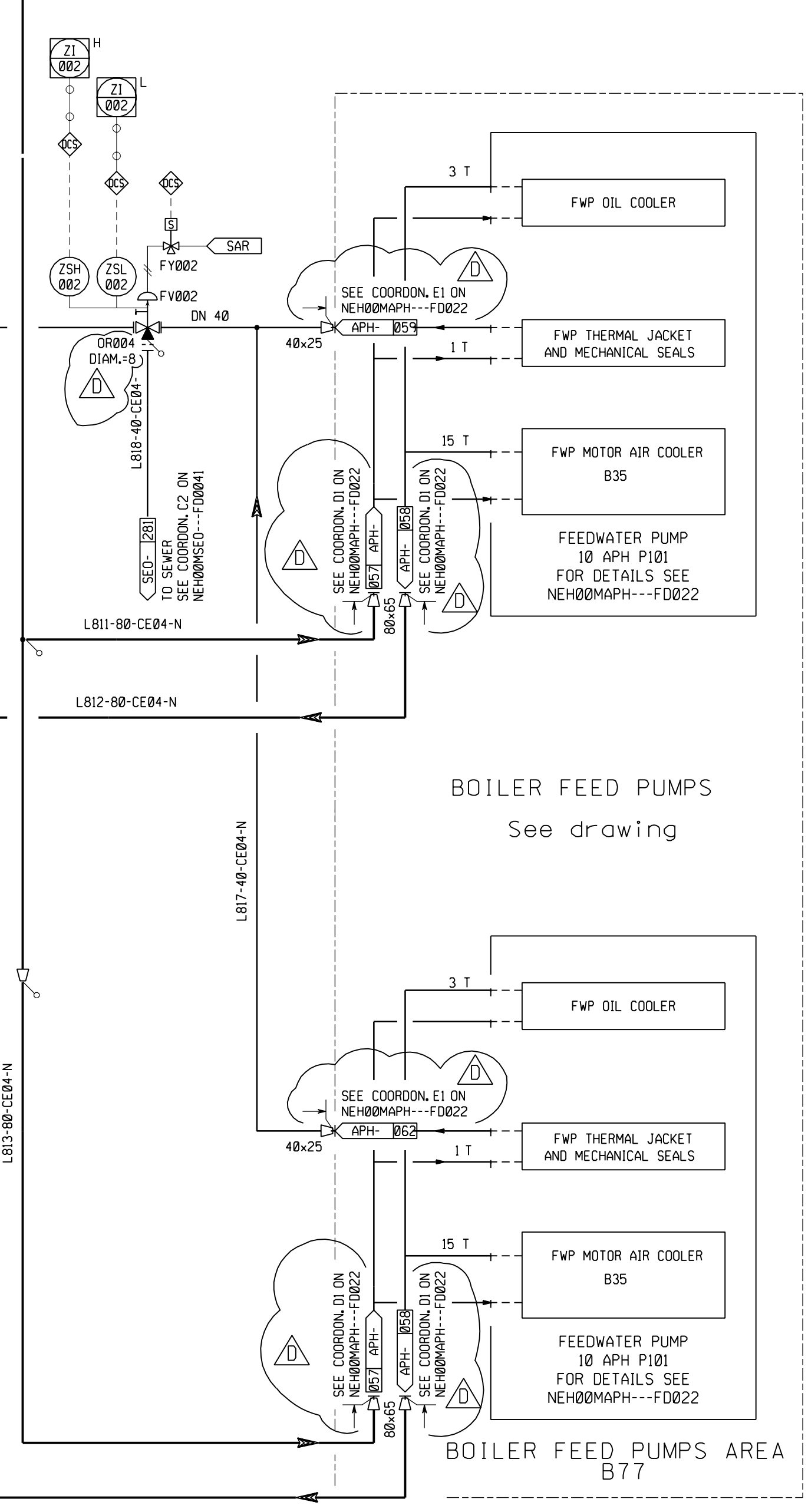
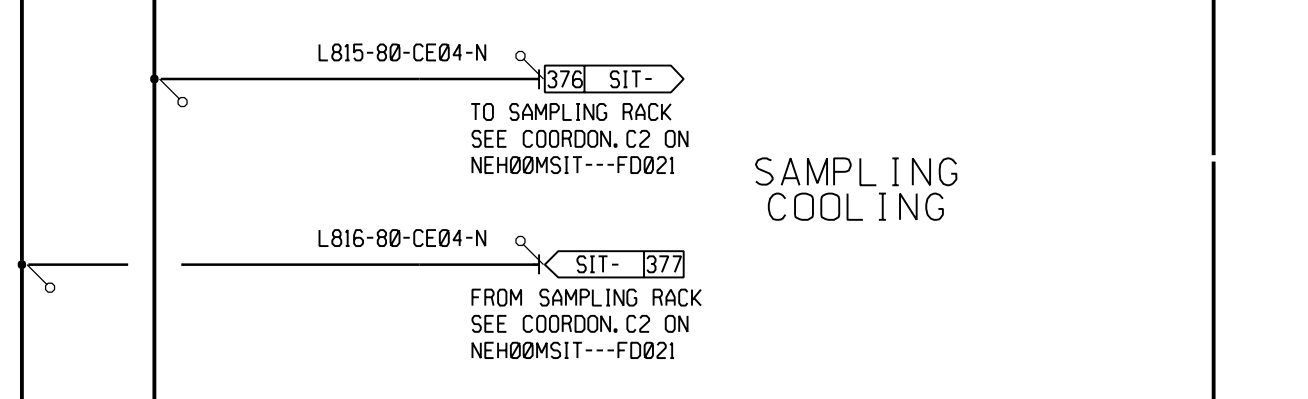
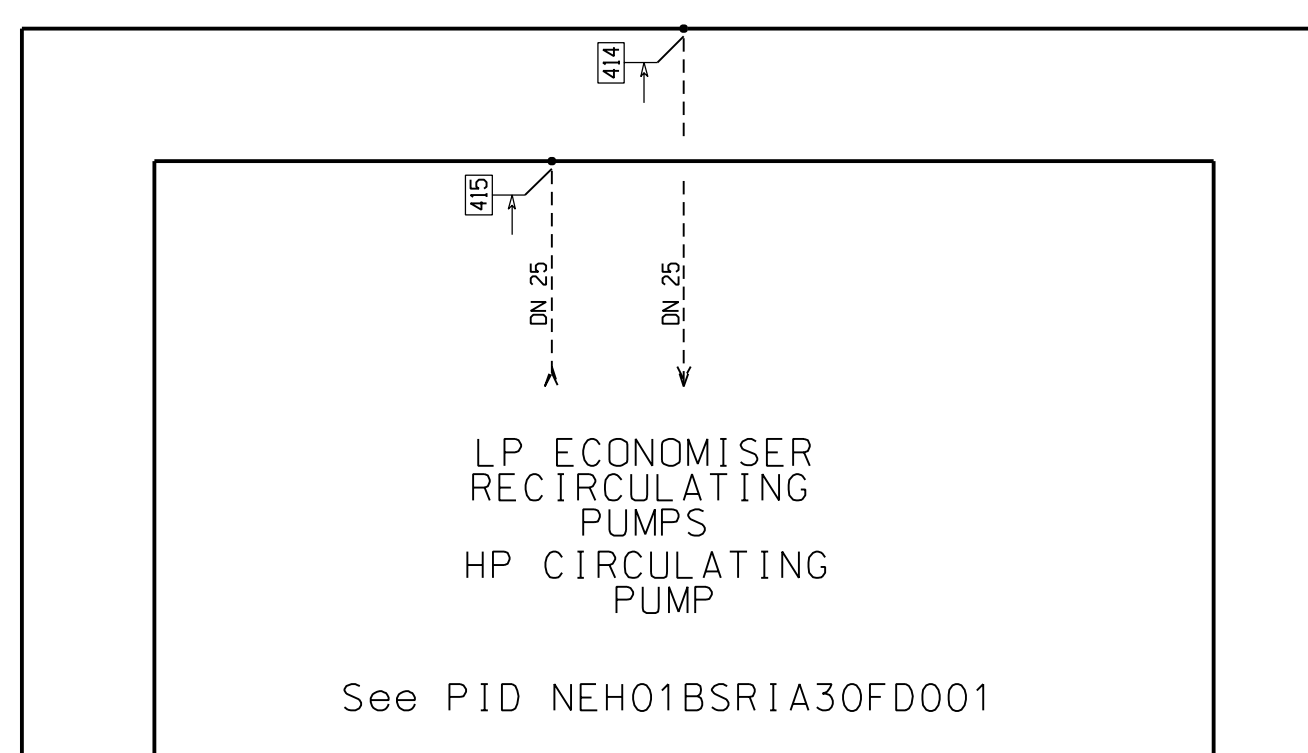
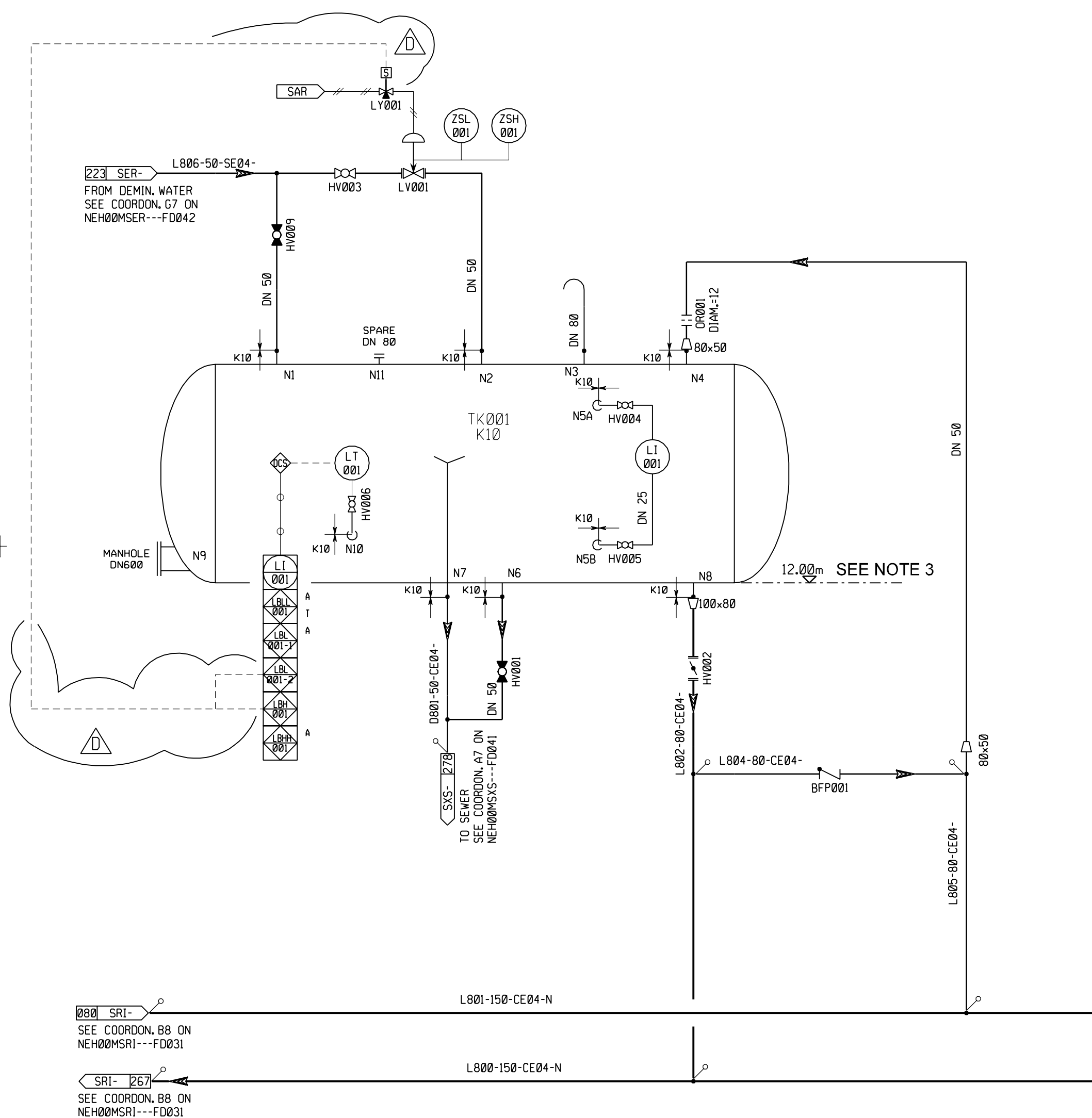
PIPING AND INSTRUMENTATION DIAGRAM

Closed cooling water circuit

Contract Document Number: **NEH 00 M SRI --- FD 031** Revision: **F**

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CLOSED COOLING CIRCUIT WATER EMERGENCY HEAD TANK	
UNIT CAPACITY AT NORMAL WORKING LEVEL	15 m ³
SERVICE TEMPERATURE	AMBIENT



NOTES

1/ ALL COMPONENTS NUMBERS ARE PRECEDED WITH 10 EXCEPT THE COMPONENTS NUMBERS PRECEDED WITH 1A

2/ LIMIT OF SUPPLY :

- M = SPL
- G = STU . TURBINE
- B = BUB . BOILER
- C = CLIENT

3/ MAXIMUM HIGH LEVEL FOR SRI EXCHANGERS AND SRI PIPING INSTALLATION

REV	DATE	AUTH	CHECK BY	APPR BY	MODIFICATIONS	STATUS
D	29/01/03	Vta	Fia/Fr	Ig	UPDATED + ADDED OFFSHEETS COORDINATES	CFC
C	12/12/02	Vta	Fia	Ig	UPDATED + ADDED ISA 95-1	FUS
B	08/10/02	Bb	Fia	Pa	UPDATED	FUS
A	07/08/02	Bb	Fia	Ig	FIRST ISSUE	PRE

SCALE: _____ SUPPLIER NAME: _____ Nr: _____

SIZE: _____ SPECIFICATION No: _____

COLBUN

CONTRATO ANF2-C502

AMPLIACIÓN NEHUENCO FASE 2

CHILE

ALSTOM Power Steam Power Plant

STEAM POWER PLANTS SEGMENT
POWER PLANT BUSINESS

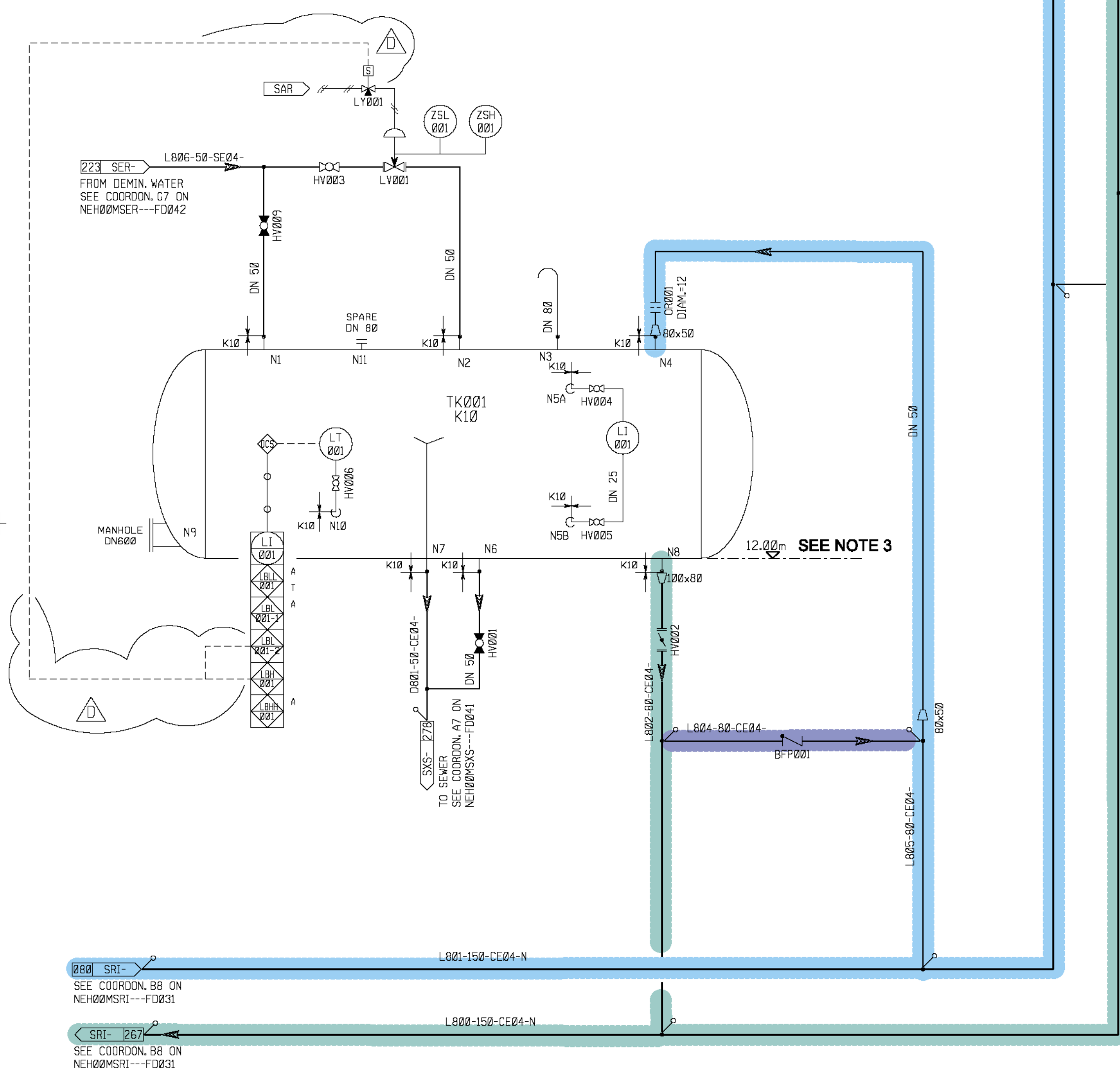
PIPING AND INSTRUMENTATION DIAGRAM

Closed circuit cooling water

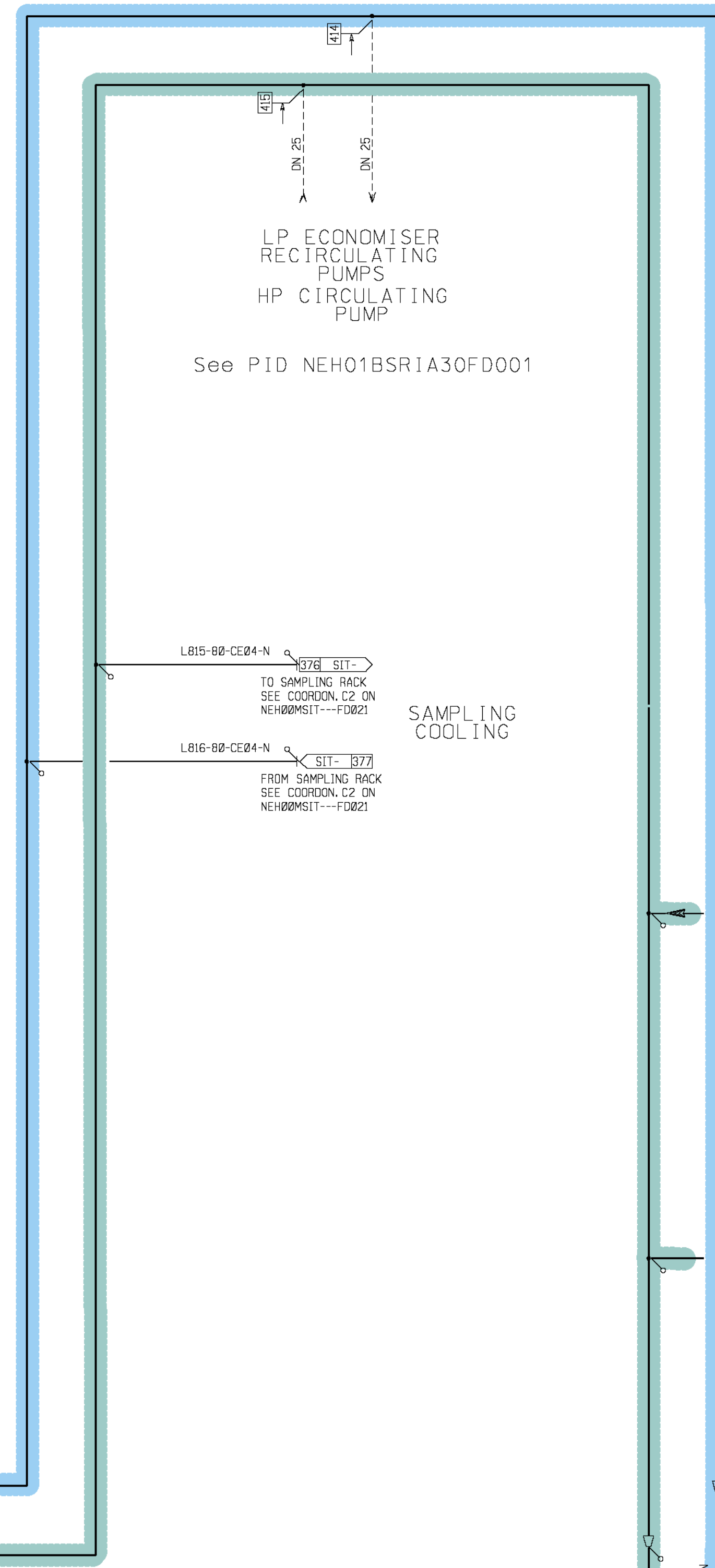
Contract Document Number **NEH 00 M SRI --- FD 032** Revision: **D**

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CLOSED COOLING CIRCUIT WATER EMERGENCY HEAD TANK	
UNIT CAPACITY AT NORMAL WORKING LEVEL	15 m ³
SERVICE TEMPERATURE	AMBIENT



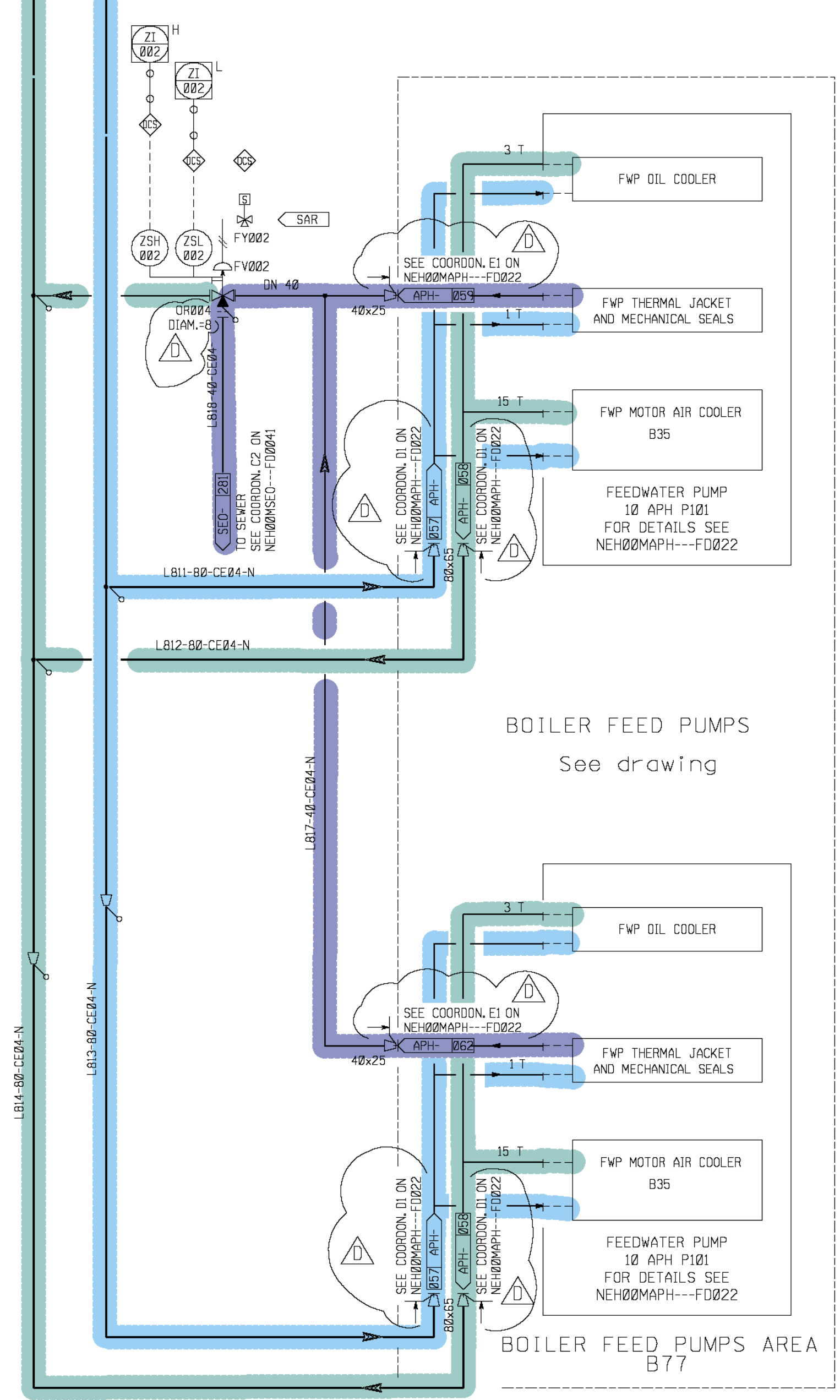
SEE NOTE 3



LP ECONOMISER
RECIRCULATING
PUMPS
HP CIRCULATING
PUMP

See PID NEH01BSRIA30FD001

SAMPLING
COOLING



BOILER FEED PUMPS
See drawing

BOILER FEED PUMPS AREA
B77

- NOTES**
- ALL COMPONENTS NUMBERS ARE PRECEDED WITH 10 EXCEPT THE COMPONENTS NUMBERS PRECEDED WITH 1A
 - LIMIT OF SUPPLY :
 - M = SPL
 - G = STU . TURBINE
 - B = BUB . BOILER
 - C = CLIENT
 - MAXIMUM HIGH LEVEL FOR SRI EXCHANGERS AND SRI PIPING INSTALLATION

REV	DATE	AUTH.	CHECK BY	APPL BY	MODIFICATIONS	STATUS
D	29/01/23	Vta	Fia/Pr	Iq	UPDATED + ADDED OFFSHEETS COORDINATES	CFC
C	12/12/22	Vta	Fia	Iq	UPDATED + ADDED ISA SS-1	FUS
B	08/10/22	Bb	Fia	Pa	UPDATED	FUS
A	07/09/22	Bb	Fia	Iq	FIRST ISSUE	PRE

SCALE: _____ SUPPLIER NAME: _____ N°: _____
 SIZE: _____ SPECIFICATION No: _____

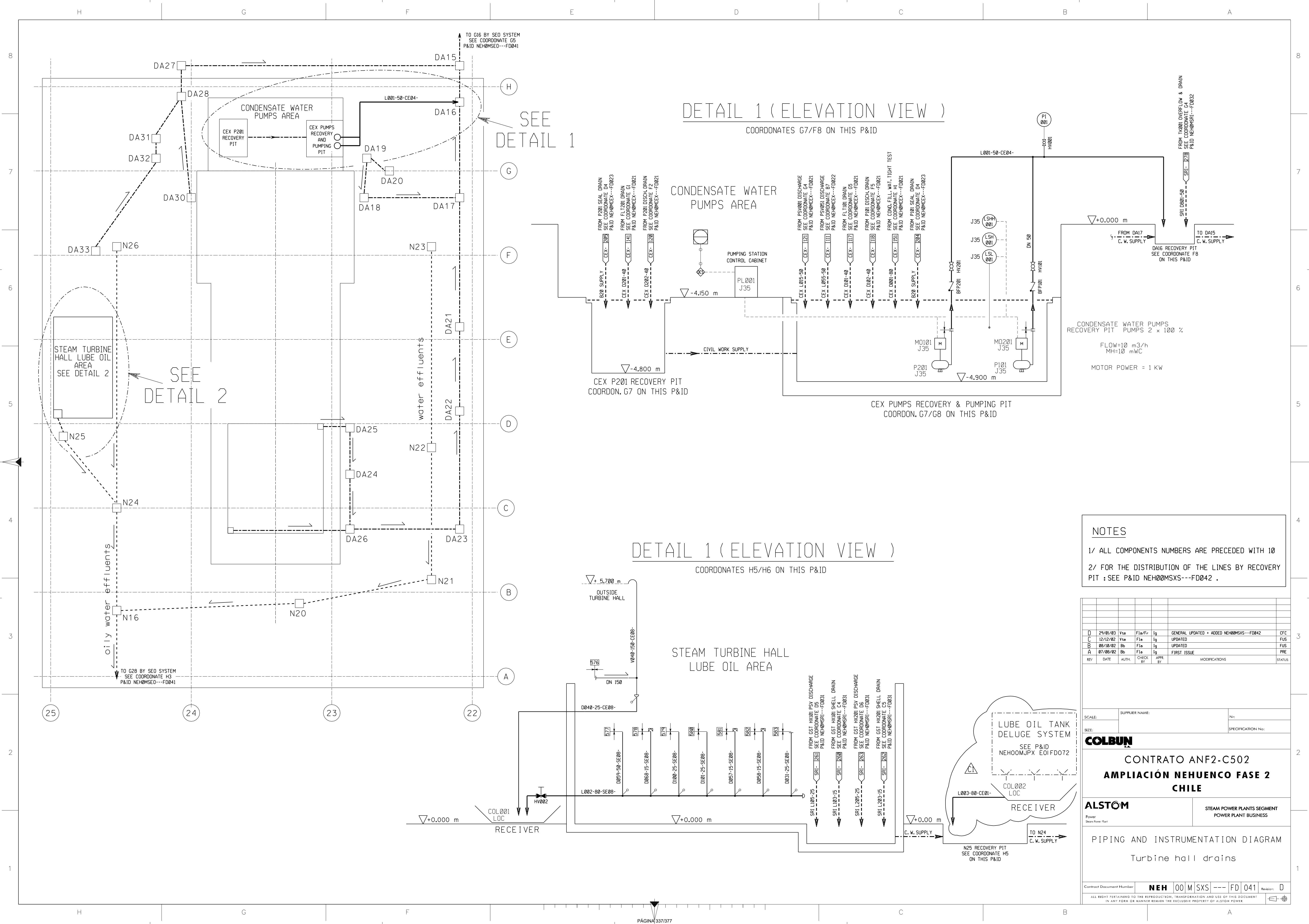
COLBUN

**CONTRATO ANF2-C502
 AMPLIACIÓN NEHUENCO FASE 2
 CHILE**

ALSTOM Power Steam Power Plant **STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS**

PIPING AND INSTRUMENTATION DIAGRAM
 Closed circuit cooling water

Contract Document Number **NEH 00 M SRI --- FD 032** Revision **D**
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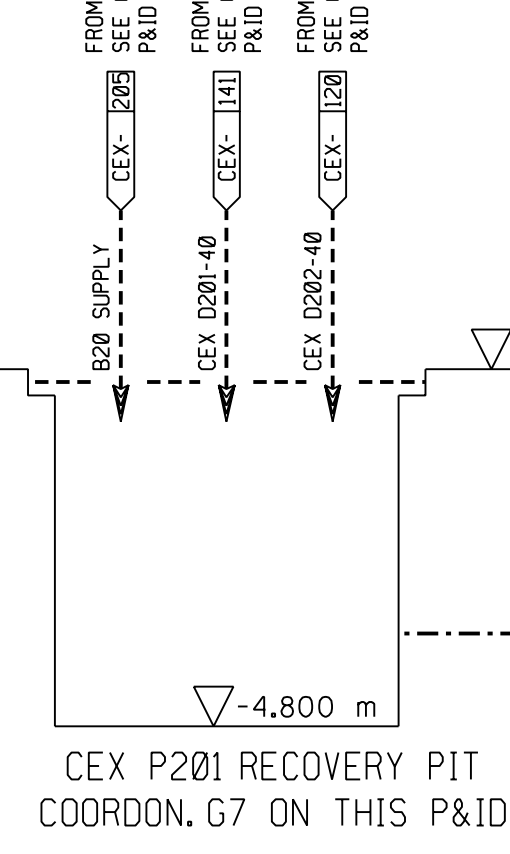


DETAIL 1 (ELEVATION VIEW)

COORDONATES G7/F8 ON THIS P&ID

SEE
DETAIL 1

CONDENSATE WATER
PUMPS AREA

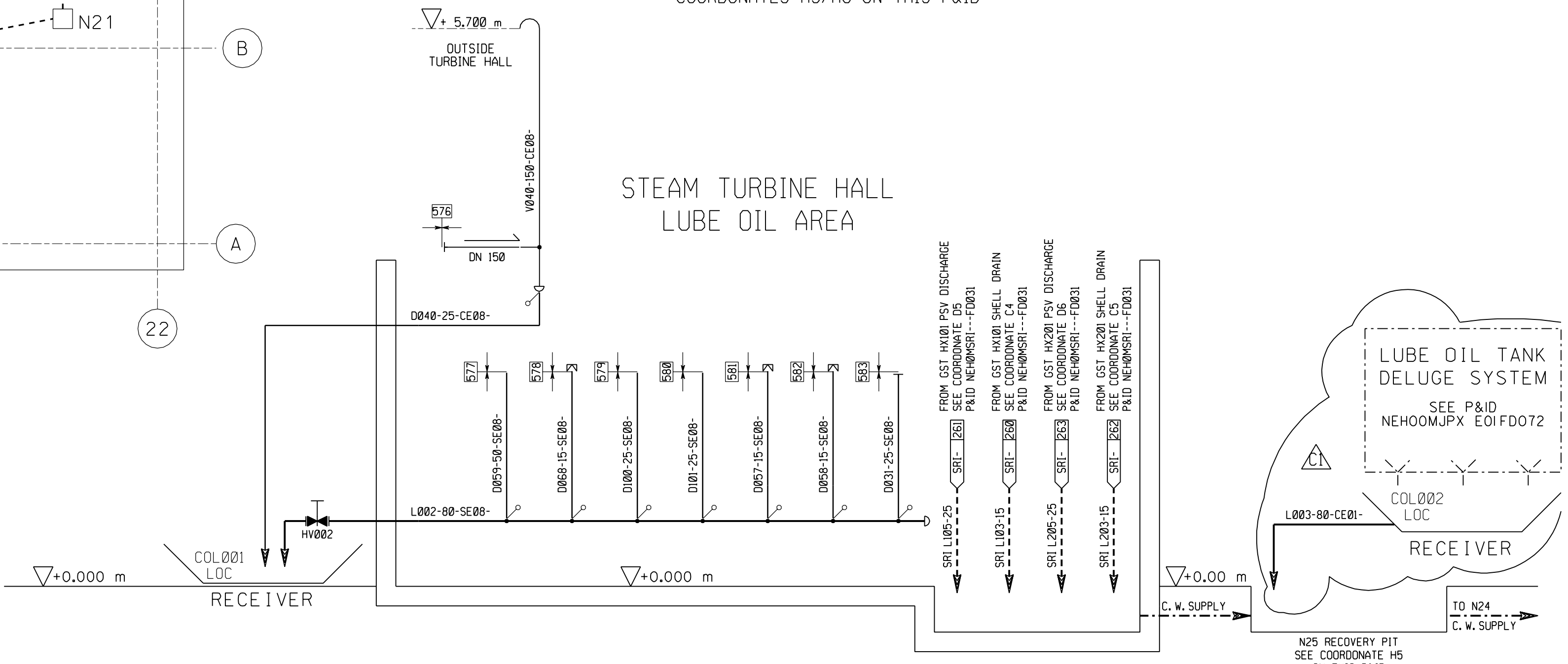


CEX PUMPS RECOVERY & PUMPING PIT
COORDON. G7/G8 ON THIS P&ID

DETAIL 1 (ELEVATION VIEW)

COORDONATES H5/H6 ON THIS P&ID

STEAM TURBINE HALL
LUBE OIL AREA



NOTES
1/ ALL COMPONENTS NUMBERS ARE PRECEDED WITH 10
2/ FOR THE DISTRIBUTION OF THE LINES BY RECOVERY PIT : SEE P&ID NEH00MSXS---FD042 .

REV	DATE	AUTH.	CHECK BY	APP. BY	MODIFICATIONS	STATUS
D	29/01/03	Vte	Fia/Fr	Ig	GENERAL UPDATED + ADED NEH00MSXS---FD042	CFC
C	12/12/02	Vte	Fia	Ig	UPDATED	FUS
B	08/10/02	Bb	Fia	Ig	UPDATED	FUS
A	07/08/02	Bb	Fia	Ig	FIRST ISSUE	PRE

SCALE: _____ SUPPLIER NAME: _____ No: _____
 SIZE: _____ SPECIFICATION No: _____

COLBUN

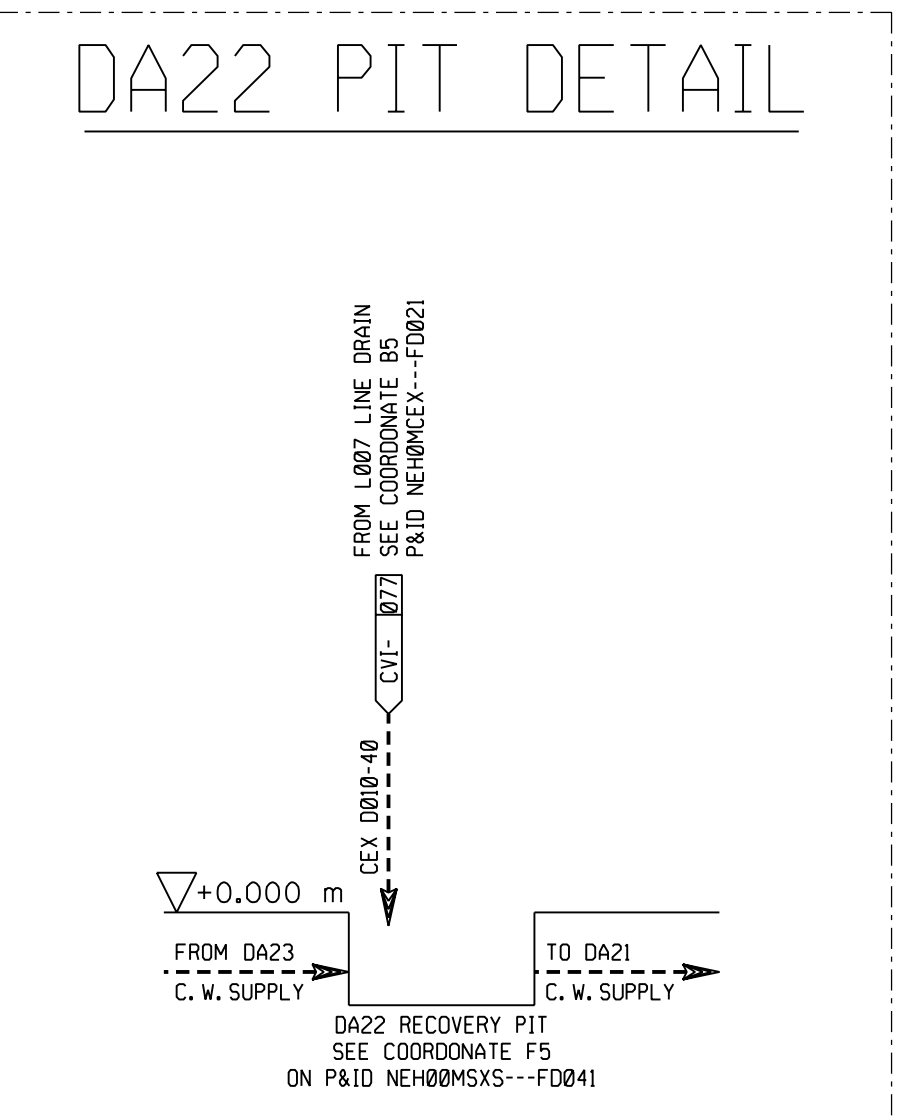
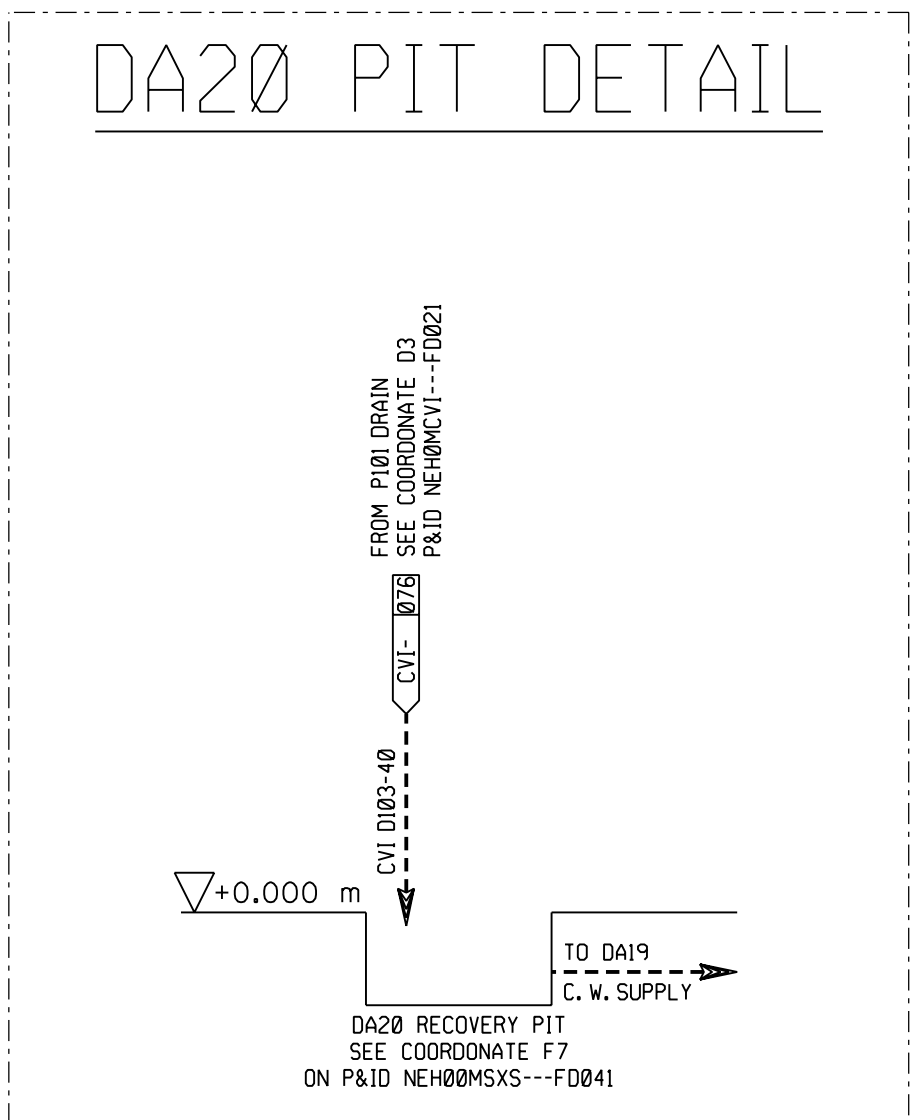
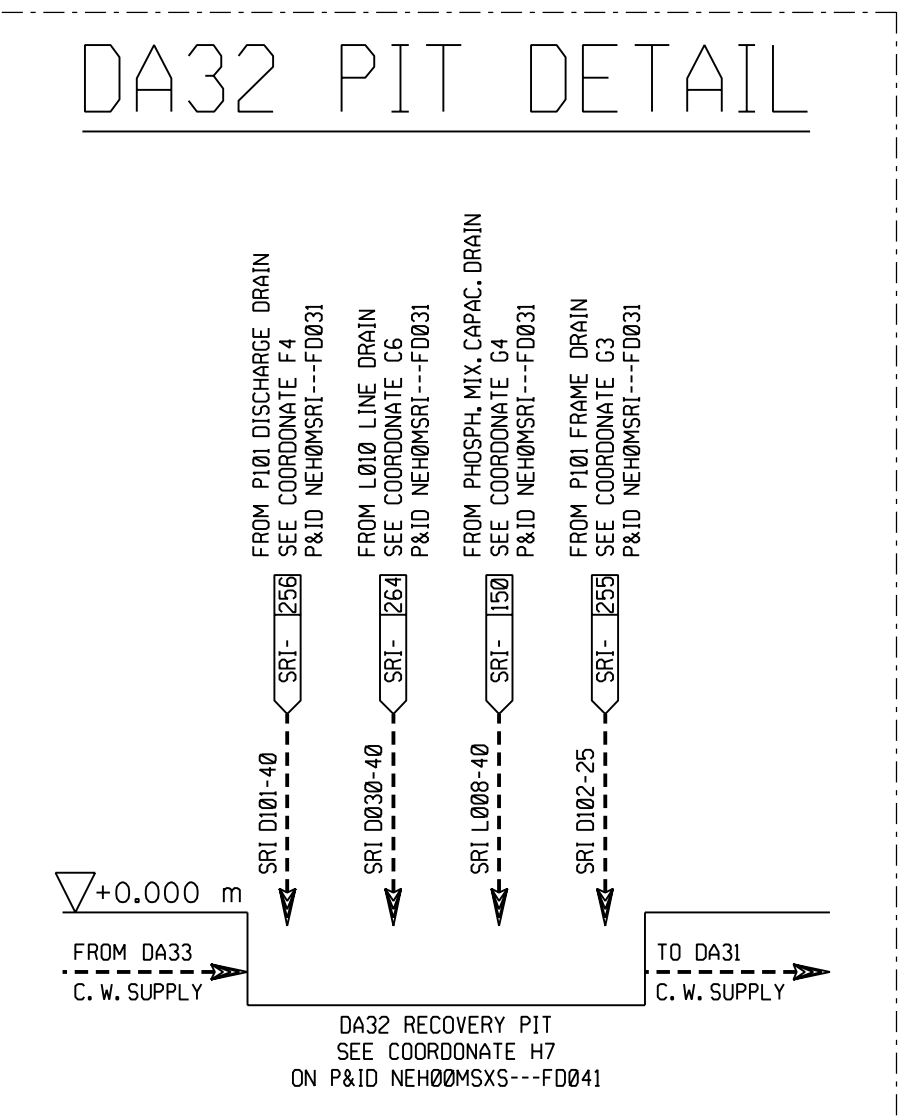
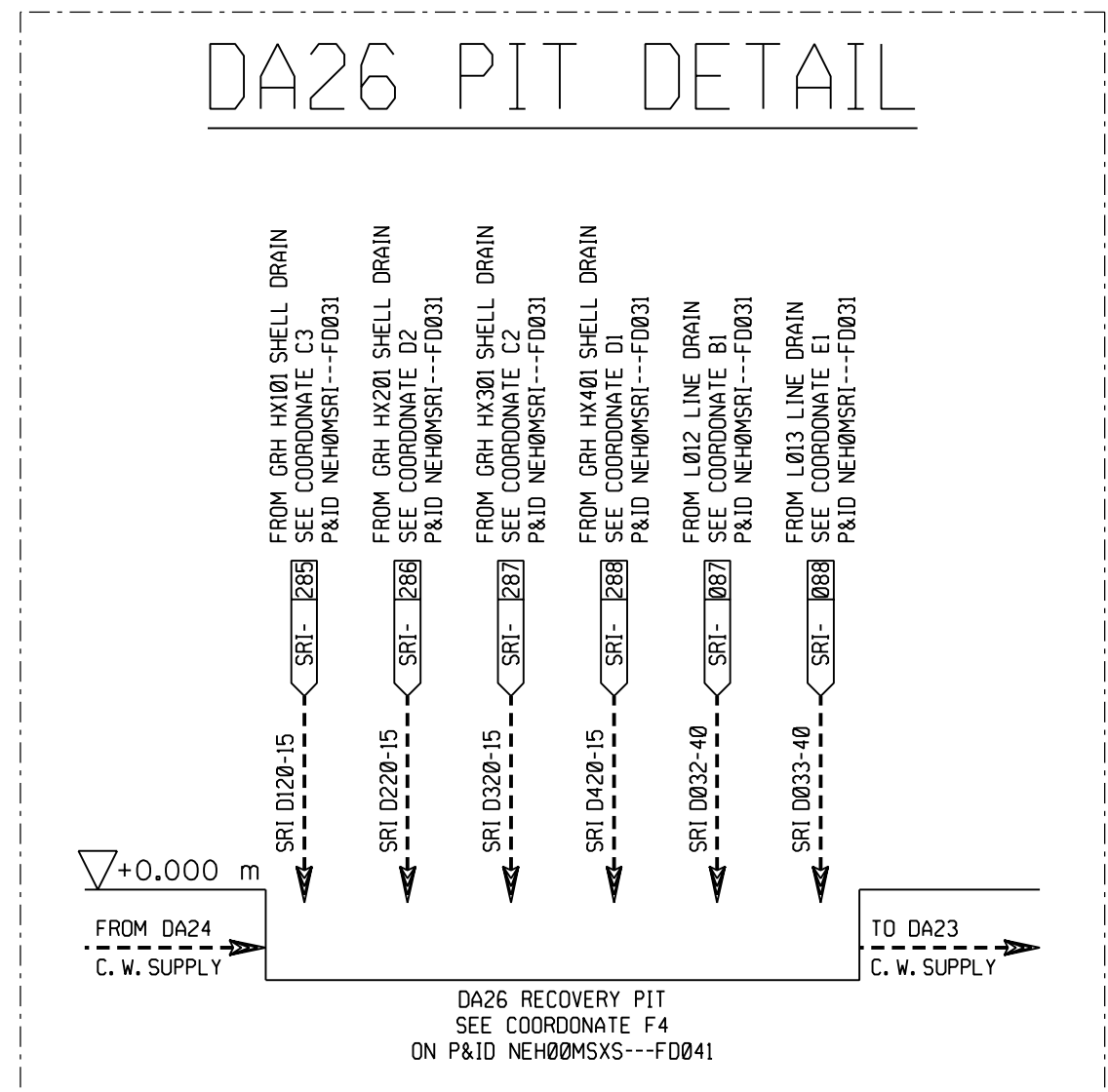
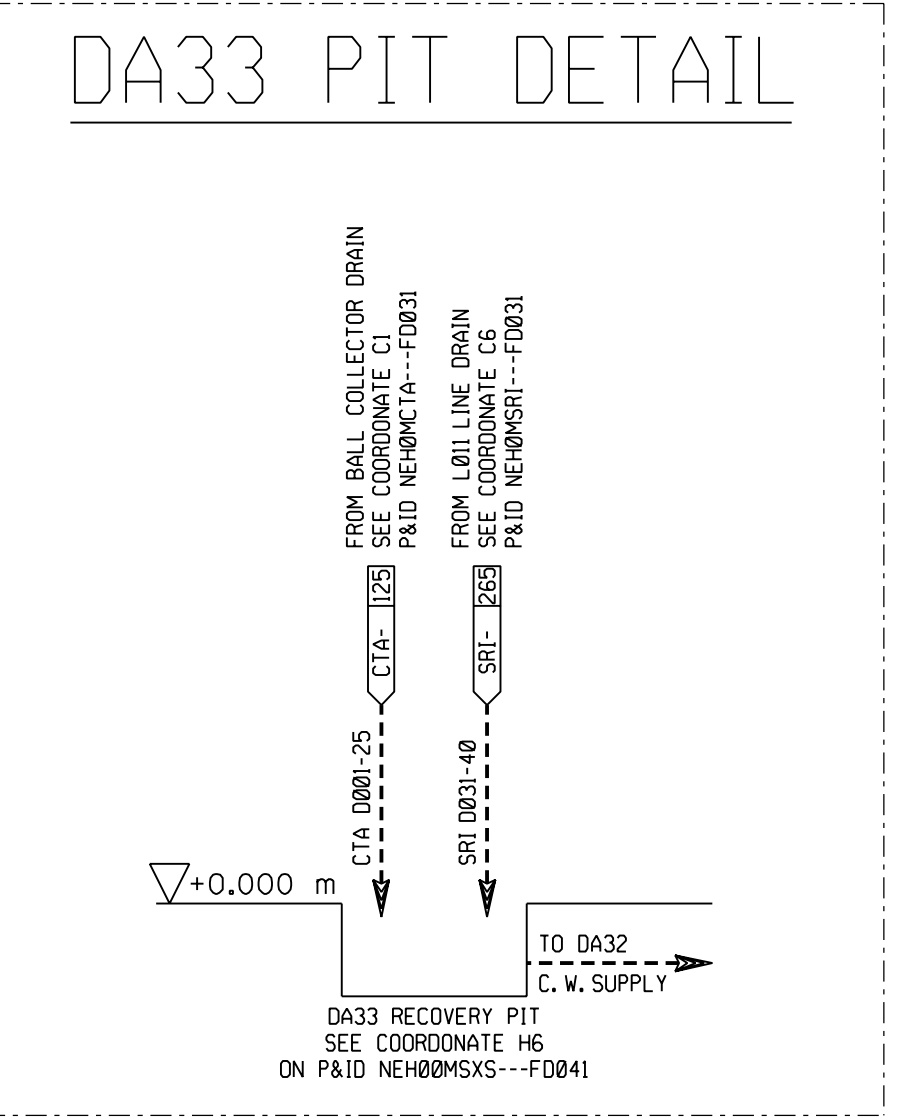
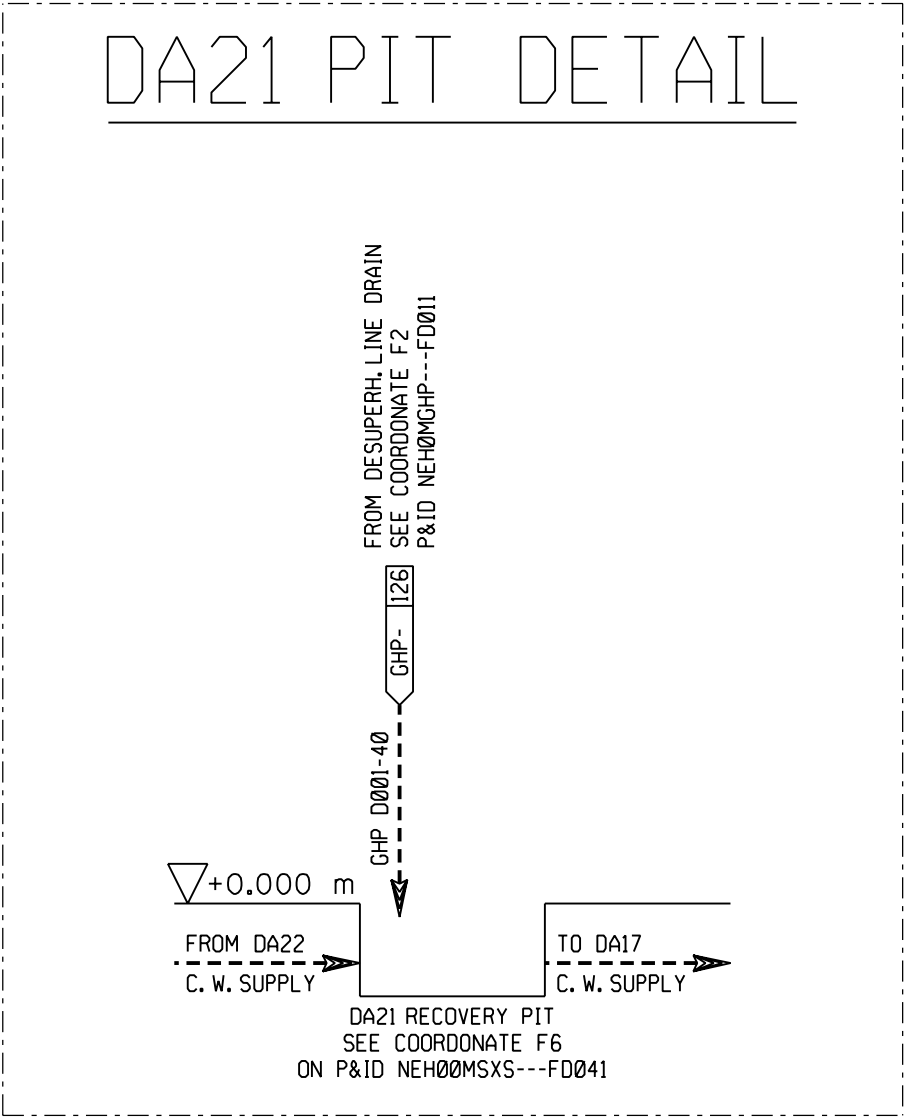
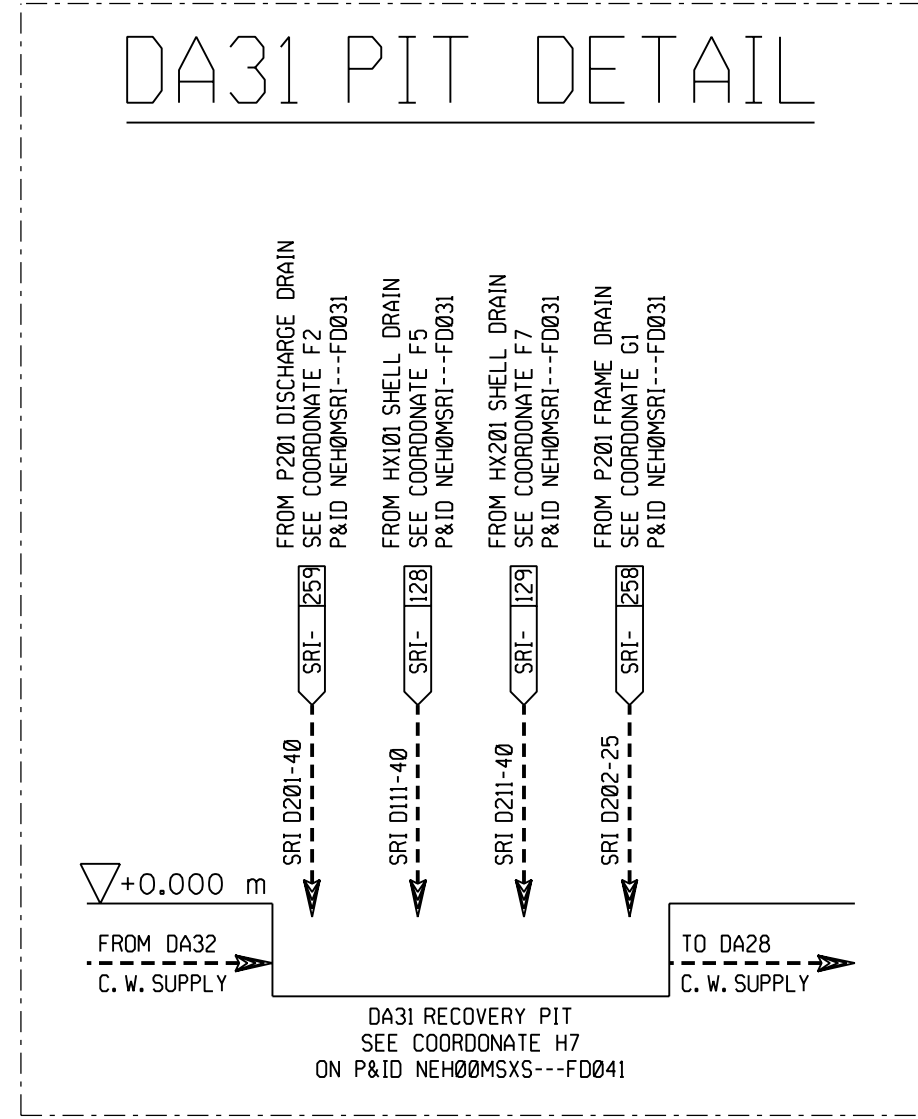
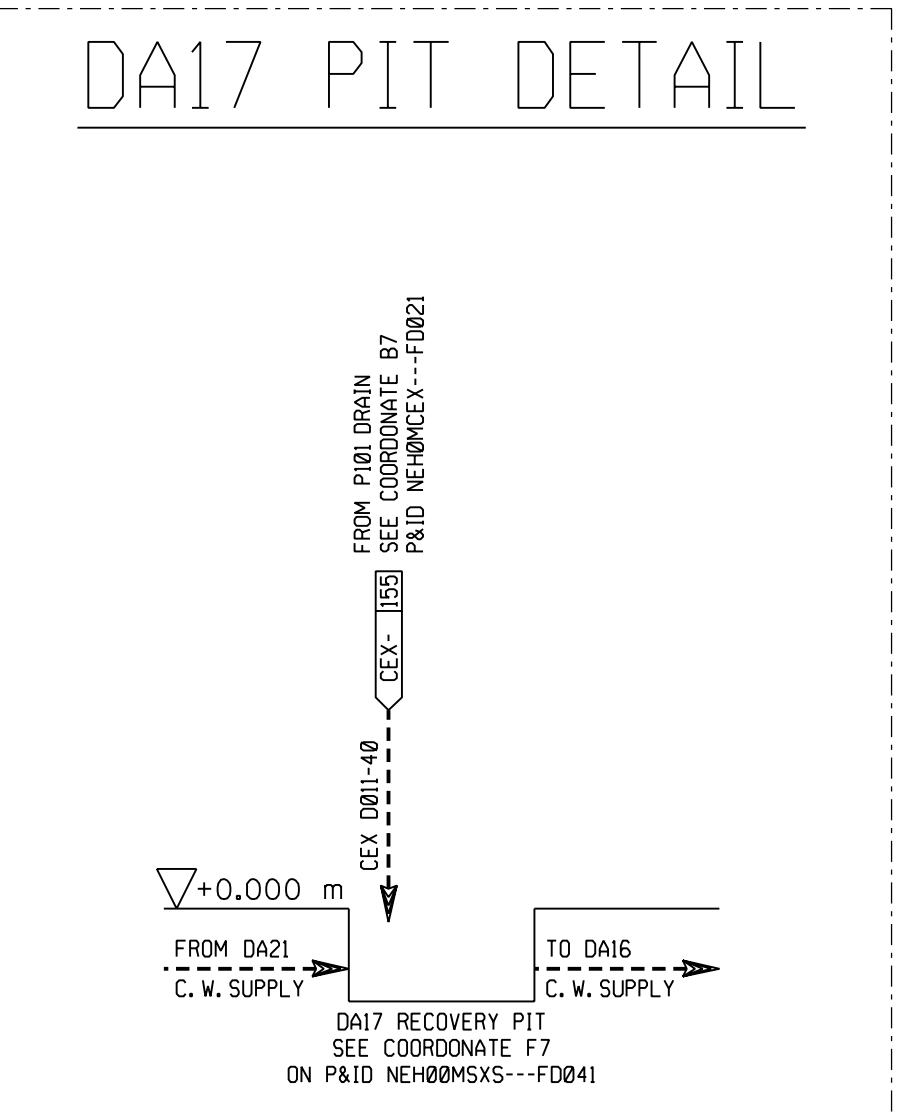
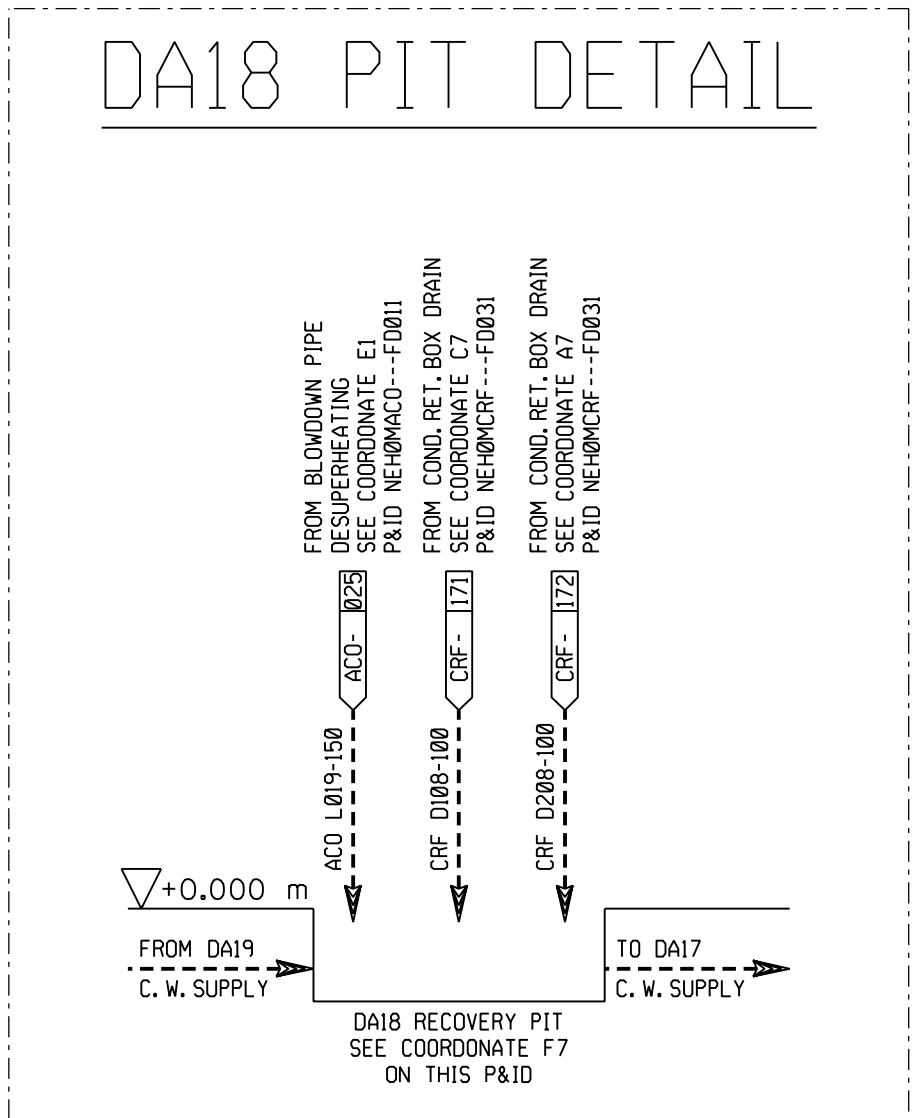
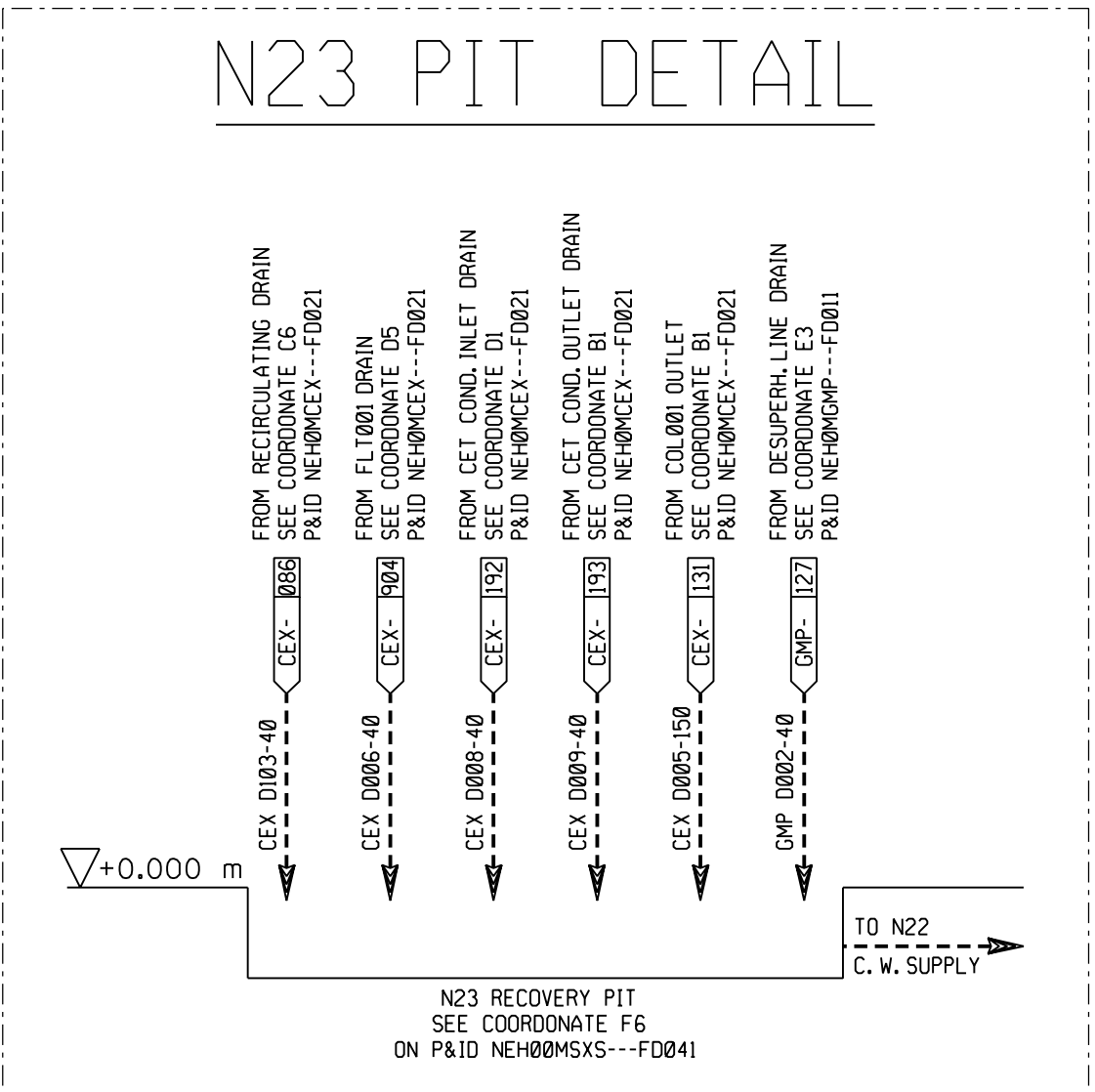
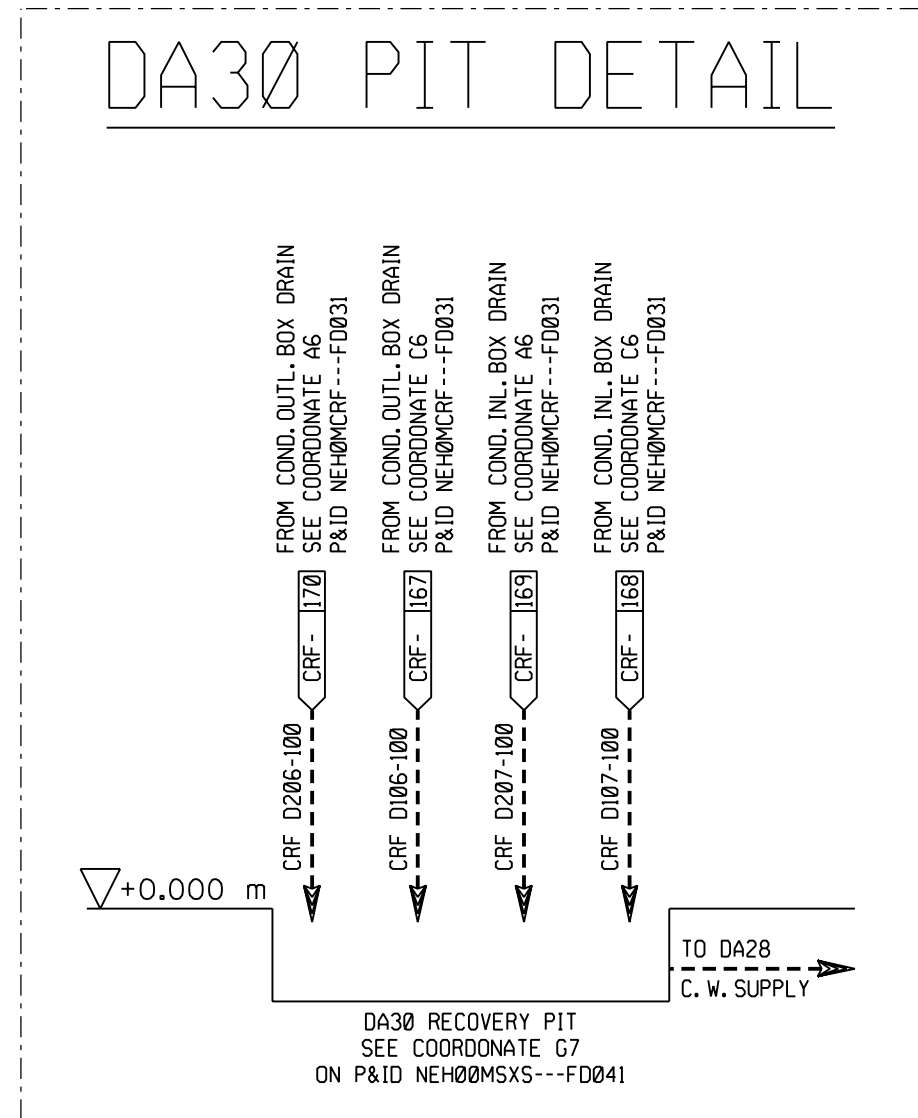
**CONTRATO ANF2-C502
 AMPLIACIÓN NEHUENCO FASE 2
 CHILE**

ALSTOM STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
 Turbine hall drains

Contract Document Number: **NEH 00 M SXS --- FD 041** Revision: **D**

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NOTES

1/ ALL COMPONENTS NUMBERS ARE PRECEDED WITH 10
2/ FOR THE RECOVERY PIT IMPLANTATION : SEE P&ID NEH00MSXS---FD041 .

REV	DATE	AUTH.	CHECK BY	APPR. BY	MODIFICATIONS	STATUS
A	29/01/03	Vta	Flo/Fr	Ig	FIRST ISSUE	CFC

SCALE:	SUPPLIER NAME:	Nr:
SIZE:	SPECIFICATION No:	

COLBUN

CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2
CHILE

ALSTOM

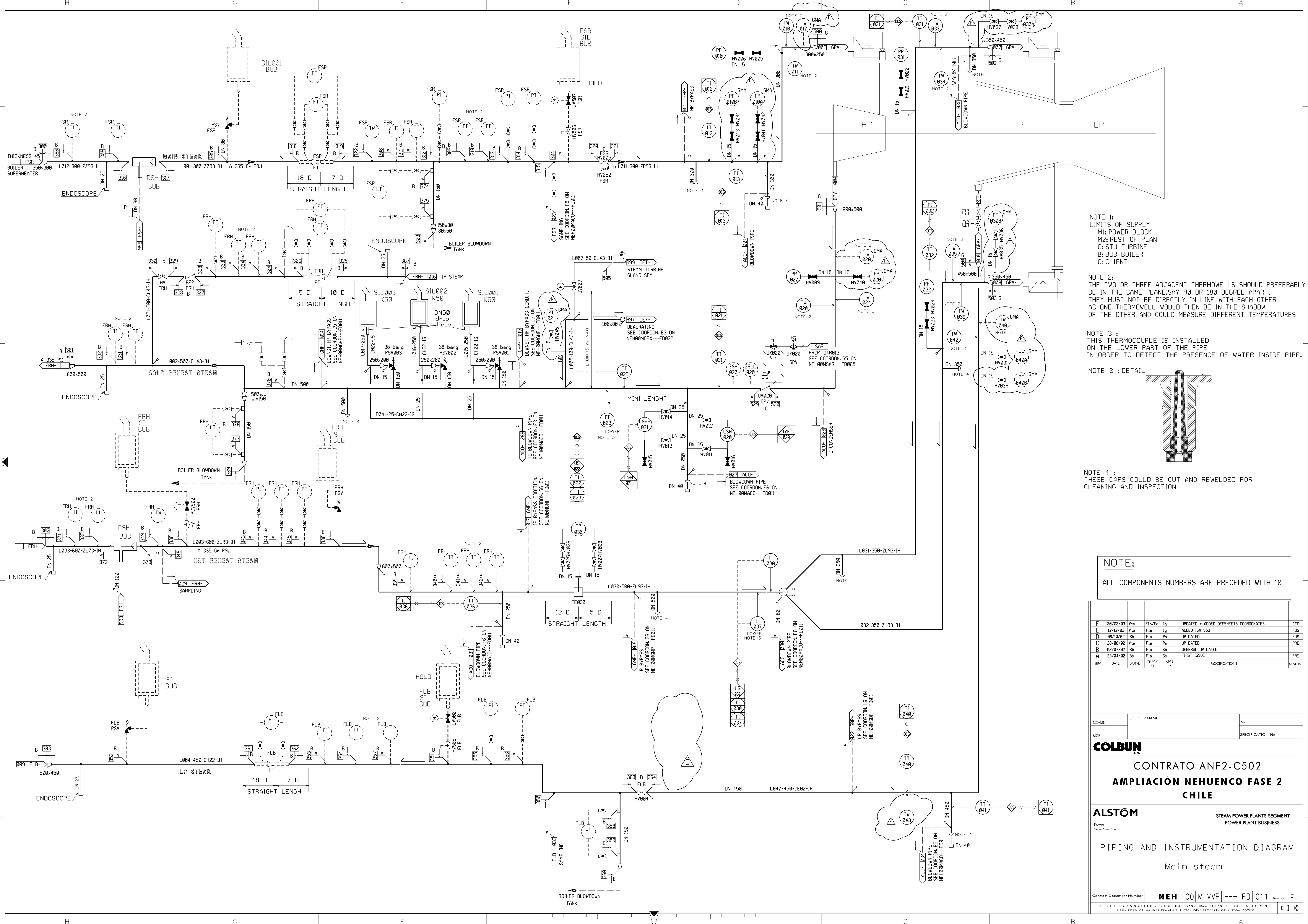
Power
Steam Power Plant

STEAM POWER PLANTS SEGMENT
POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
Turbine hall drains

Contract Document Number: **NEH 00 M SXS --- FD 042** Revision: **A**

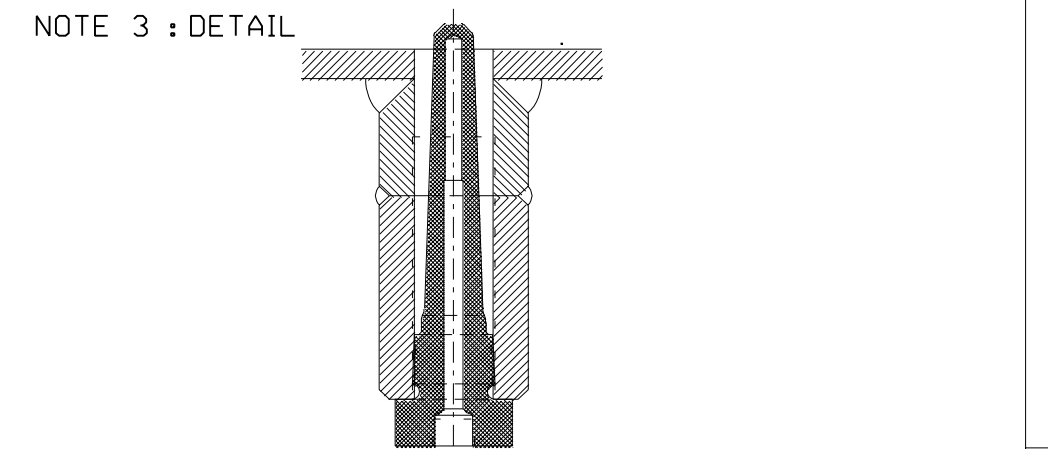
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NOTE 1:
 LIMITS OF SUPPLY
 M1: POWER BLOCK
 M2: REST OF PLANT
 G: STU TURBINE
 B: BUB BOILER
 C: CLIENT

NOTE 2:
 THE TWO OR THREE ADJACENT THERMOWELLS SHOULD PREFERABLY BE IN THE SAME PLANE, SAY 90 OR 180 DEGREE APART. THEY MUST NOT BE DIRECTLY IN LINE WITH EACH OTHER AS ONE THERMOWELL WOULD THEN BE IN THE SHADOW OF THE OTHER AND COULD MEASURE DIFFERENT TEMPERATURES

NOTE 3:
 THIS THERMOCOUPLE IS INSTALLED ON THE LOWER PART OF THE PIPE IN ORDER TO DETECT THE PRESENCE OF WATER INSIDE PIPE.



NOTE 4:
 THESE CAPS COULD BE CUT AND REWELDED FOR CLEANING AND INSPECTION

NOTE:
 ALL COMPONENTS NUMBERS ARE PRECEDED WITH 10

REV	DATE	AUTH.	CHECK BY	APP. BY	MODIFICATIONS	STATUS
F	28/02/03	Vte	Flo/Fv	Iq	UPDATED + ADDED OFFSHEETS COORDINATES	CFC
E	12/12/02	Vte	Flo	Iq	ADDED ISA 55J	FUS
D	08/10/02	Bb	Flo	Ps	UP DATED	FUS
C	28/08/02	Vte	Flo	Ps	UP DATED	PRE
B	02/07/02	Bb	Flo	Sb	GENERAL UP DATED	PRE
A	23/04/02	Bb	Flo	Sb	FIRST ISSUE	PRE

SCALE: _____ SUPPLIER NAME: _____ No: _____

SIZE: _____ SPECIFICATION No: _____

COLBUN

CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2
CHILE

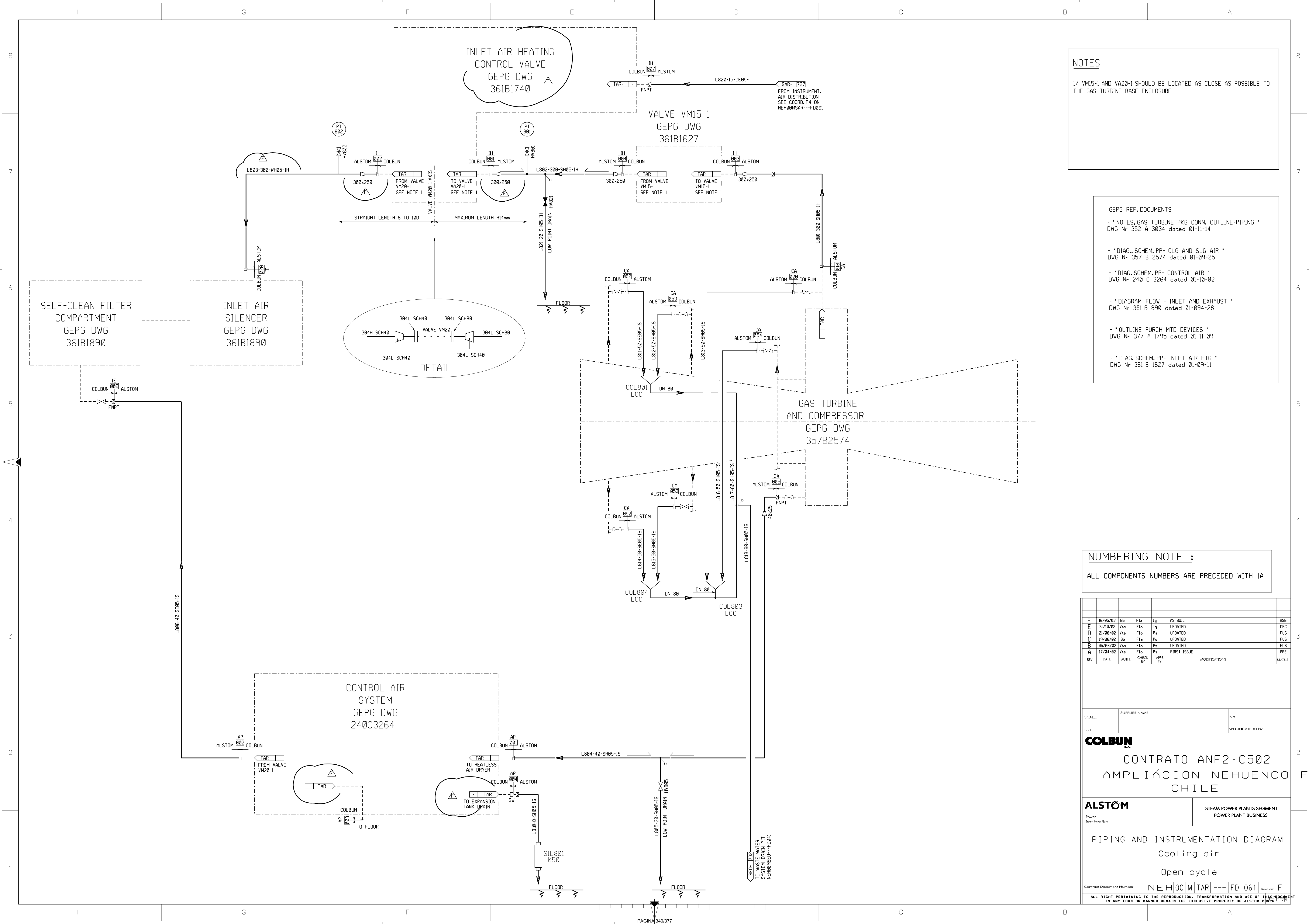
ALSTOM STEAM POWER PLANTS SEGMENT
POWER PLANT BUSINESS

Power
Steam Power Plant

PIPING AND INSTRUMENTATION DIAGRAM
 Main steam

Contract Document Number: **NEH 00 M VVP --- FD 011** Revision: **F**

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NOTES

1/ VM15-1 AND VA20-1 SHOULD BE LOCATED AS CLOSE AS POSSIBLE TO THE GAS TURBINE BASE ENCLOSURE

- GEPG REF. DOCUMENTS**
- "NOTES, GAS TURBINE PKG CONN. OUTLINE-PIPING" DWG Nr 362 A 3034 dated 01-11-14
 - "DIAG. SCHEM. PP- CLG AND SLG AIR" DWG Nr 357 B 2574 dated 01-09-25
 - "DIAG. SCHEM. PP- CONTROL AIR" DWG Nr 240 C 3264 dated 01-10-02
 - "DIAGRAM FLOW - INLET AND EXHAUST" DWG Nr 361 B 890 dated 01-09-28
 - "OUTLINE PURCH MTD DEVICES" DWG Nr 377 A 1795 dated 01-11-09
 - "DIAG. SCHEM. PP- INLET AIR HTG" DWG Nr 361 B 1627 dated 01-09-11

NUMBERING NOTE :

ALL COMPONENTS NUMBERS ARE PRECEDED WITH IA

REV	DATE	AUTH.	CHECK BY	APP. BY	MODIFICATIONS	STATUS
F	16/05/03	Bb	Fia	Iq	AS BUILT	ASB
E	31/10/02	Vte	Fia	Iq	UPDATED	CFC
D	21/08/02	Vte	Fia	Ps	UPDATED	FUS
C	19/06/02	Bb	Fia	Ps	UPDATED	FUS
B	05/06/02	Vte	Fia	Ps	UPDATED	FUS
A	17/04/02	Vte	Fia	Ps	FIRST ISSUE	PRE

SCALE: _____ SUPPLIER NAME: _____ Nr: _____

SIZE: _____ SPECIFICATION No: _____

COLBUN

CONTRATO ANF2-C502
AMPLIACION NEHUENCO
CHILE

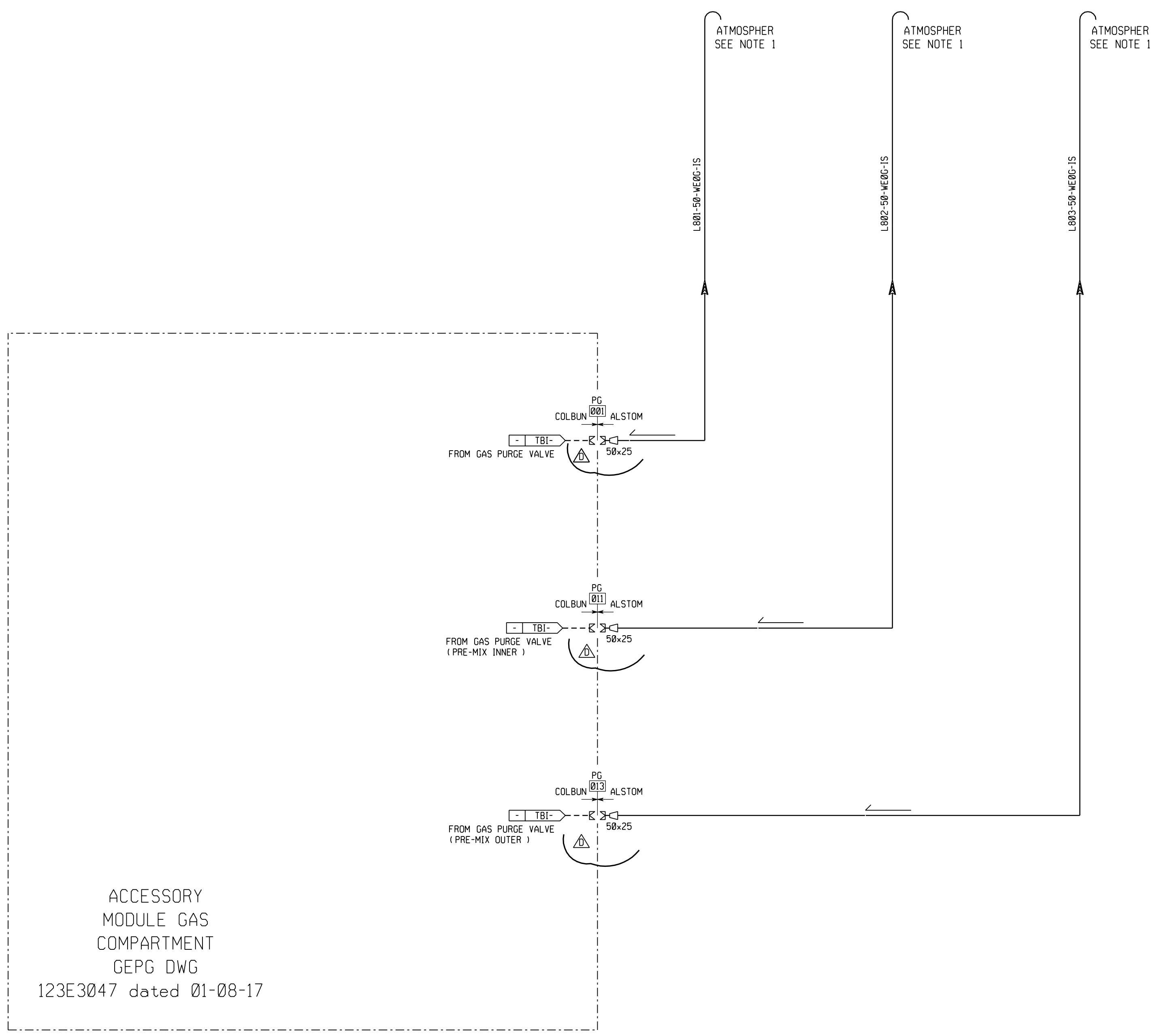
ALSTOM STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
 Cooling air
 Open cycle

Contract Document Number: **NEH00M TAR --- FD 061** Revision: **F**

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NOTES
 1/ THESE VENTS ARE POTENTIAL CLASS 1 DIV 1 SOURCES OF NATURAL GAS . INSTALLER SHALL ROUTE THESE VENTS SEPARATE FROM ALL OTHER VENTS TO AN AREA FREE FROM SOURCES OF IGNITION .



NUMBERING NOTE :
 ALL COMPONENTS NUMBERS ARE PRECEDED WITH IA

REV	DATE	AUTH.	CHECK BY	APPR. BY	MODIFICATIONS	STATUS
D	16/05/03	Bb	Flo	Ig	AS BUILT	ASB
C	31/10/02	Vte	Flo	Ig	DWG STATUS UPDATED	CFC
B	05/06/02	Vte	Flo	Ps	UPDATED	FUS
A	17/04/02	Vte	Flo	Ps	FIRST ISSUE	PRE

SCALE: _____ SUPPLIER NAME: _____ Nr: _____
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COLBUN

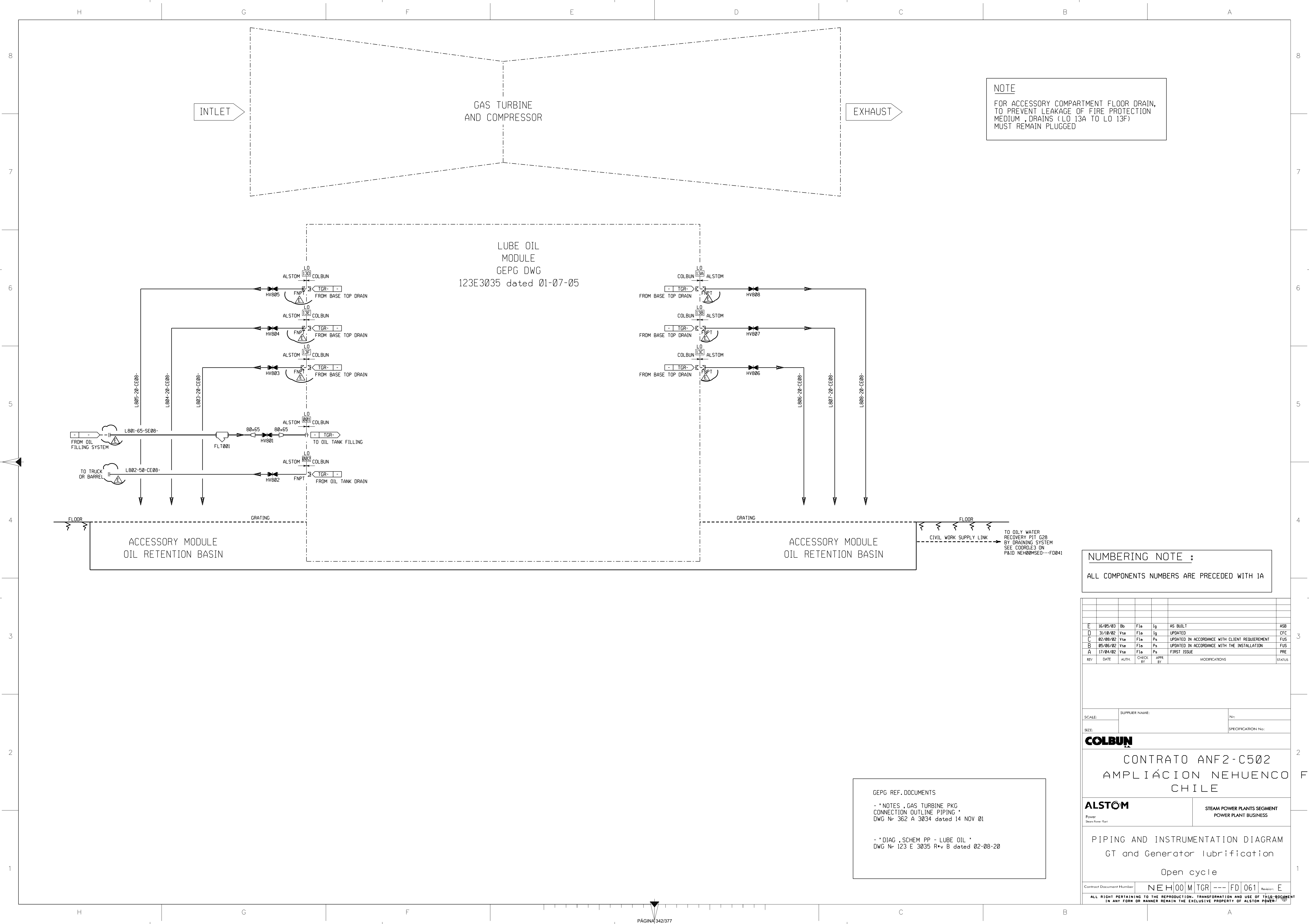
CONTRATO ANF2-C502
 AMPLIACION NEHUENCO
 CHILE

ALSTOM STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
 Purge air
 Open cycle

Contract Document Number: **NEH00M TBI --- FD 061** Revision: **D**

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NOTE
 FOR ACCESSORY COMPARTMENT FLOOR DRAIN,
 TO PREVENT LEAKAGE OF FIRE PROTECTION
 MEDIUM, DRAINS (LO 13A TO LO 13F)
 MUST REMAIN PLUGGED

LUBE OIL
 MODULE
 GEPG DWG
 123E3035 dated 01-07-05

NUMBERING NOTE :
 ALL COMPONENTS NUMBERS ARE PRECEDED WITH 1A

REV	DATE	AUTH.	CHECK BY	APPR. BY	MODIFICATIONS	STATUS
E	16/05/03	Bb	Flo	Ig	AS BUILT	ASB
D	31/10/02	Vte	Flo	Ig	UPDATED	CFC
C	02/08/02	Vte	Flo	Ps	UPDATED IN ACCORDANCE WITH CLIENT REQUIEREMENT	FUS
B	05/06/02	Vte	Flo	Ps	UPDATED IN ACCORDANCE WITH THE INSTALLATION	FUS
A	17/04/02	Vte	Flo	Ps	FIRST ISSUE	PRE

SCALE: _____ SUPPLIER NAME: _____ Nr: _____
 SIZE: _____ SPECIFICATION No: _____

COLBUN

CONTRATO ANF2-C502
 AMPLIACION NEHUENCO CHILE

ALSTOM Power Steam Power Plant STEAM POWER PLANTS SEGMENT POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
 GT and Generator lubrification
 Open cycle

Contract Document Number: **NEH00M TGR --- FD 061** Revision: **E**

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GEPG REF. DOCUMENTS
 - "NOTES , GAS TURBINE PKG
 CONNECTION OUTLINE PIPING "
 DWG Nr 362 A 3034 dated 14 NOV 01

- "DIAG , SCHEM PP - LUBE OIL "
 DWG Nr 123 E 3035 R*v B dated 02-08-20

NOTES

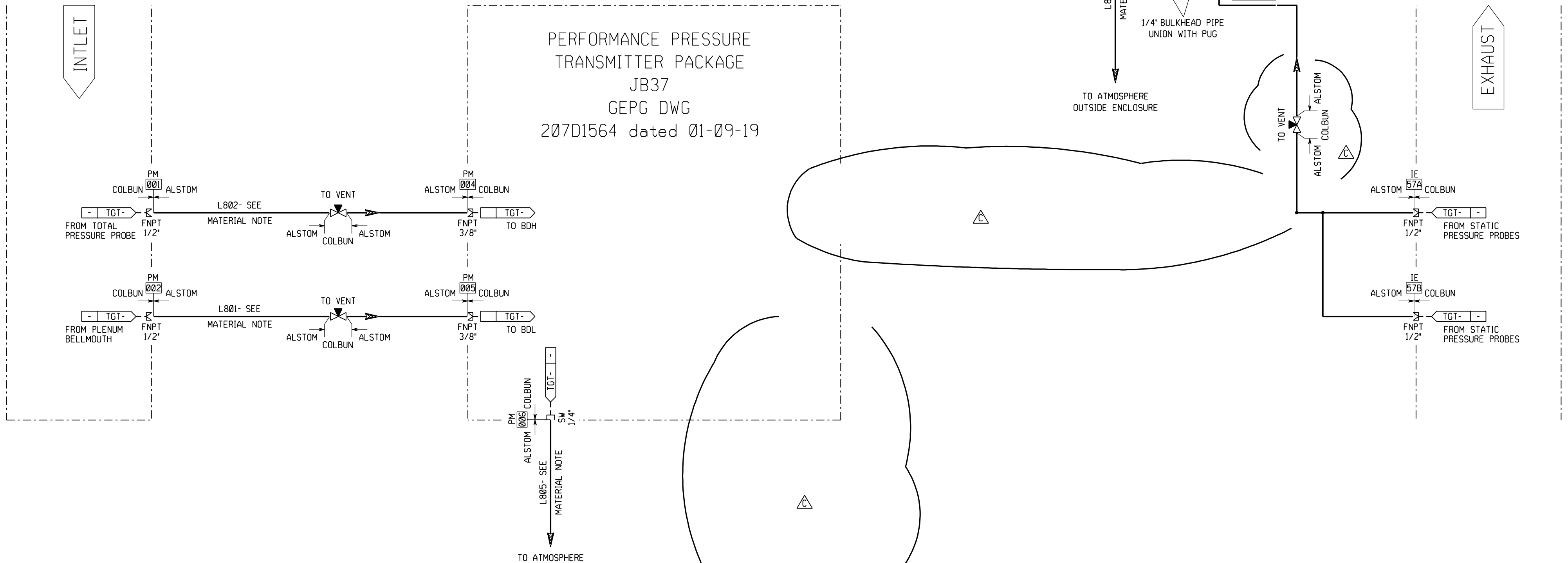
- THREE-WAY VALVES WILL BE PROVIDED BY G.E
- THE MINIMUM BENDING RADIUS FOR TUBING TO BE 2.00 INCHES
- THE PERFORMANCE PACKAGE SHOULD BE MOUNTED IN A LOCATION WHERE AMBIENT TEMPERATURE IS WITHIN -20° F TO 180° F (-29° C TO 82° C)
- THE JB37 AND JB169 MUST BE INSTALLED SO THAT THE EXHAUST DUCT PRESSURE SENSING LINES REMAIN FREE OF WATER / CONDENSATE

GEPG REF. DOCUMENTS

- *OUTLINE PURCH MTD DEVICES *
- DWG N° 377 A 1795 dated 01-11-09

EXHAUST DUCT PRESSURE SWITCH PACKAGE
JB-169
GEPG DWG
207D1564 dated 01-09-19

PERFORMANCE PRESSURE TRANSMITTER PACKAGE
JB37
GEPG DWG
207D1564 dated 01-09-19



MATERIAL NOTE :
ALL PIPELINES 1/4" OD x 0.049 : MATERIAL SS 316L

NUMBERING NOTE :
ALL COMPONENTS NUMBERS ARE PRECEDED WITH 1A

REV	DATE	AUTH.	CHECK BY	APPR. BY	MODIFICATIONS	STATUS
C	19/05/03	Bb	Flo	Ig	AS BUILT	ASB
B	31/10/02	Vte	Flo	Ig	DWG STATUS UPDATED	CFC
A	19/07/02	Vte	Flo	Ps	FIRST ISSUE	PRE

SCALE: _____ SUPPLIER NAME: _____ N°: _____
 SIZE: _____ SPECIFICATION No: _____

COLBUN

CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO CHILE

ALSTOM STEAM POWER PLANTS SEGMENT
POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
Performance monitoring
Open cycle

Contract Document Number: **NEH00M TGT --- FD 001** Revision: **C**

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NOTES

- 1/ RUN VENT TO ROOF .USE NO FLAME ARRESTORS OR WIRE MESH AND PROTECT FROM WEATHER .LOCATE VENT TO PREVENT ACCIDENTAL CONTACT OF DISCHARGE VAPORS AND GASSES WITH FIRE OR SPARKS .DO NOT CONNECT ANY OTHER LINES WITH THIS VENT .THE DIAMETER ØF THE VENT PIPE CANNOT BE LESS THAN THE PORT SIZE ON THE BEARING DRAIN ENLARGEMENT
- 2/ PIPE PITCH ON HORIZONTAL RUNS IS 2%
- 3/ * = GE DESIGNATION
- 4/ DO NOT PLACE S.O.C.U IN AN EXPLOSIVE ATMOSPHER ENVIRONMENT .IT SHALL BE WITHIN 15 METERS HORIZONTAL OF THE GENERATOR, BUT SHOULD BE AS CLOSE TO THE GENERATOR AS IS PRACTICAL .
- 5/ FLOAT TRAP LOCATION : THE FLOAT TRAP SHOULD BE LOCATED WITHIN 3 METERS VERTICAL OF THE BEARING OIL DRAIN ENLARGEMENT .(DWG 357A2295 page 5)
- 6/ THE DISCHARGE PIPE FROM THE FLOAT TRAP SHALL HAVE A VERTICAL RUN THAT GOES STRAIGHT UP THE BDE VENT .THE CONNECTION FOR THE LOOP SEAL SHALL BE A HORIZONTAL PIPE EXTENDING OFF A 'TEE' IN THIS VERTICAL RUN .
- 7/ FLOAT TRAP CONNECTION TO BDE VENT : THIS CONNECTION MAY BE TO ANY LOCATION IN THE BDE VENT .THE FLOAT TRAP LOOP SEAL VENT SHOULD PITCH FROM THE BDE VENT CONNECTION DOWN TO THE FLOAT TRAP LOOP SEAL .THE CONNECTION AND PITCH SHOULD BE CONFIGURED SO THAT CONDENSATION IN THE BDE VENT DOES NOT DRIP DOWN INTO THE FLOAT TRAP DISCHARGE PIPE .
- 8/ THE TOTAL HORIZONTAL PIPE LENGTH OF THE BDE VENT PIPE AS CALCULATED BY CONSIDERING EVERY SHARP 90 DEGREE ELBOW AS 30 FEET AND EVERY SHARP 45 DEGREE ELBOW AS 16 FEET, SHALL BE LESS THAN 100 FEET .

- GEPG REF. DOCUMENTS**
- " SPECIFICATION GENERATOR OIL PIPING " DWG N° 357 A 2295 dated 10 JUNI 1997
 - " GENERATOR SEAL OIL SYSTEM " DWG N° 124 E 2842 dated 01-08-13
 - " GENERATOR PIPING OUTLINE " DWG N° 124 E 3445 dated 13 AUGUST 2001
 - " FLOAT TRAP O/L " DWG N° 110 E 7151 dated 25 OCTOBER 1995
 - " LIQUID LEVEL DETECTOR OUTLINE " DWG N° 110 E 7485 dated 98-04-13
 - " SPECIFICATION, BDE VENT PIPING " DWG N° 358A4741 dated 97-10-10

NUMBERING NOTE :
ALL COMPONENTS NUMBERS ARE PRECEDED WITH 1A

REV	DATE	AUTH.	CHECK BY	APP. BY	MODIFICATIONS	STATUS
G	19/05/03	Bb	F1a	Iq	AS BUILT	ASB
F	31/03/02	Vte	F1a	Iq	UPDATED	CFE
E	02/08/02	Vte	F1a	Ps	UPDATED	FUS
D	19/07/02	Vte	F1a	Ps	UPDATED	FUS
C	05/06/02	Vte	F1a	Ps	UPDATED NUMBERING AND GEPG REFERENCE DOCUMENTS	FUS
B	17/04/02	Vte	F1a	Ps	UPDATED	PRE
A	19/03/02	Vte	F1a	Ps	FIRST ISSUE	PRE

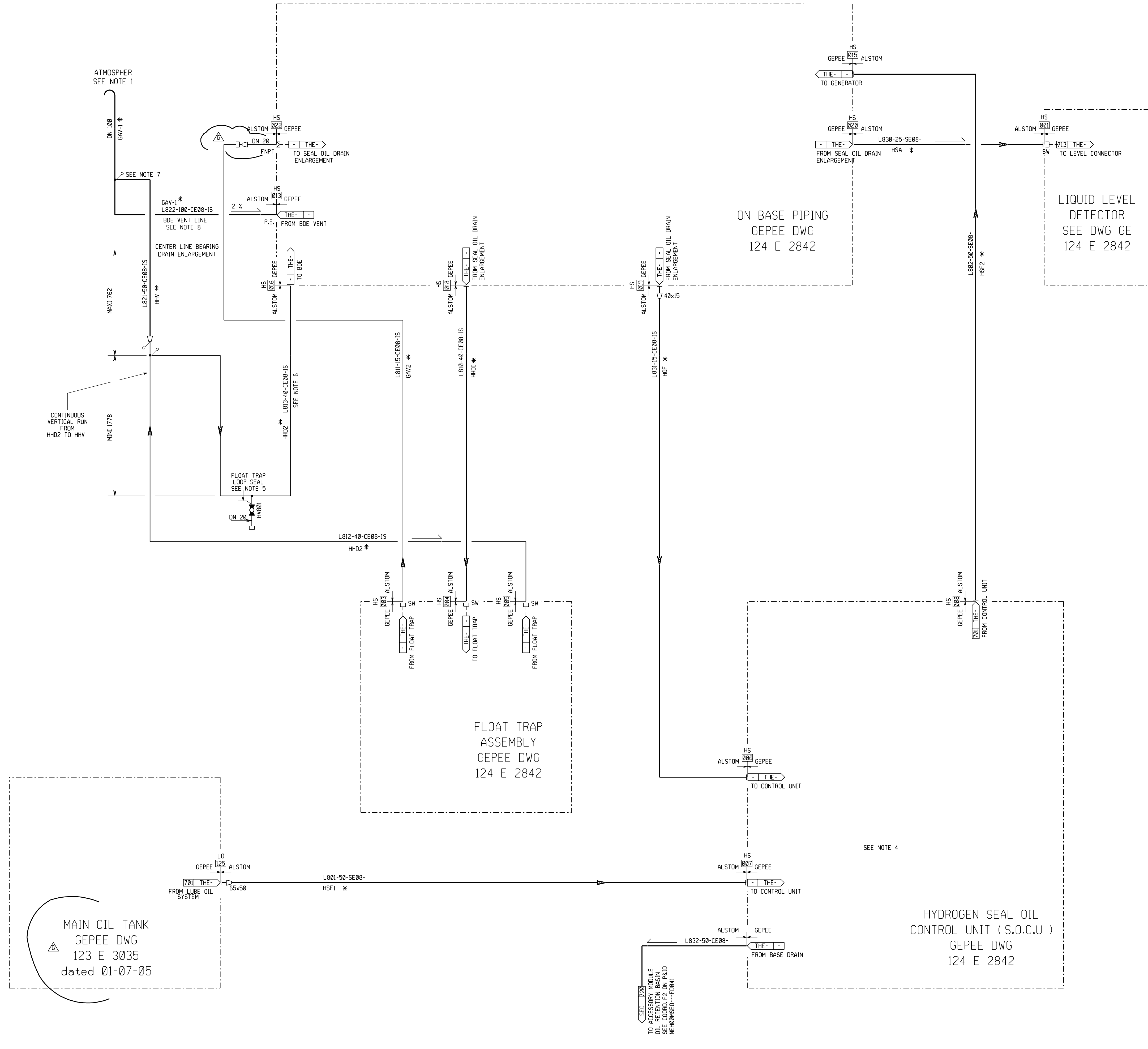
SCALE: _____ SUPPLIER NAME: _____ N°: _____
SIZE: _____ SPECIFICATION No: _____

COLBUN
CONTRATO ANF2-C502
AMPLIACION NEHUENCO CHILE

ALSTOM STEAM POWER PLANTS SEGMENT
POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
Seal oil
Open cycle

Contract Document Number: **NEH00M THE --- FD 061** Revision: **G**
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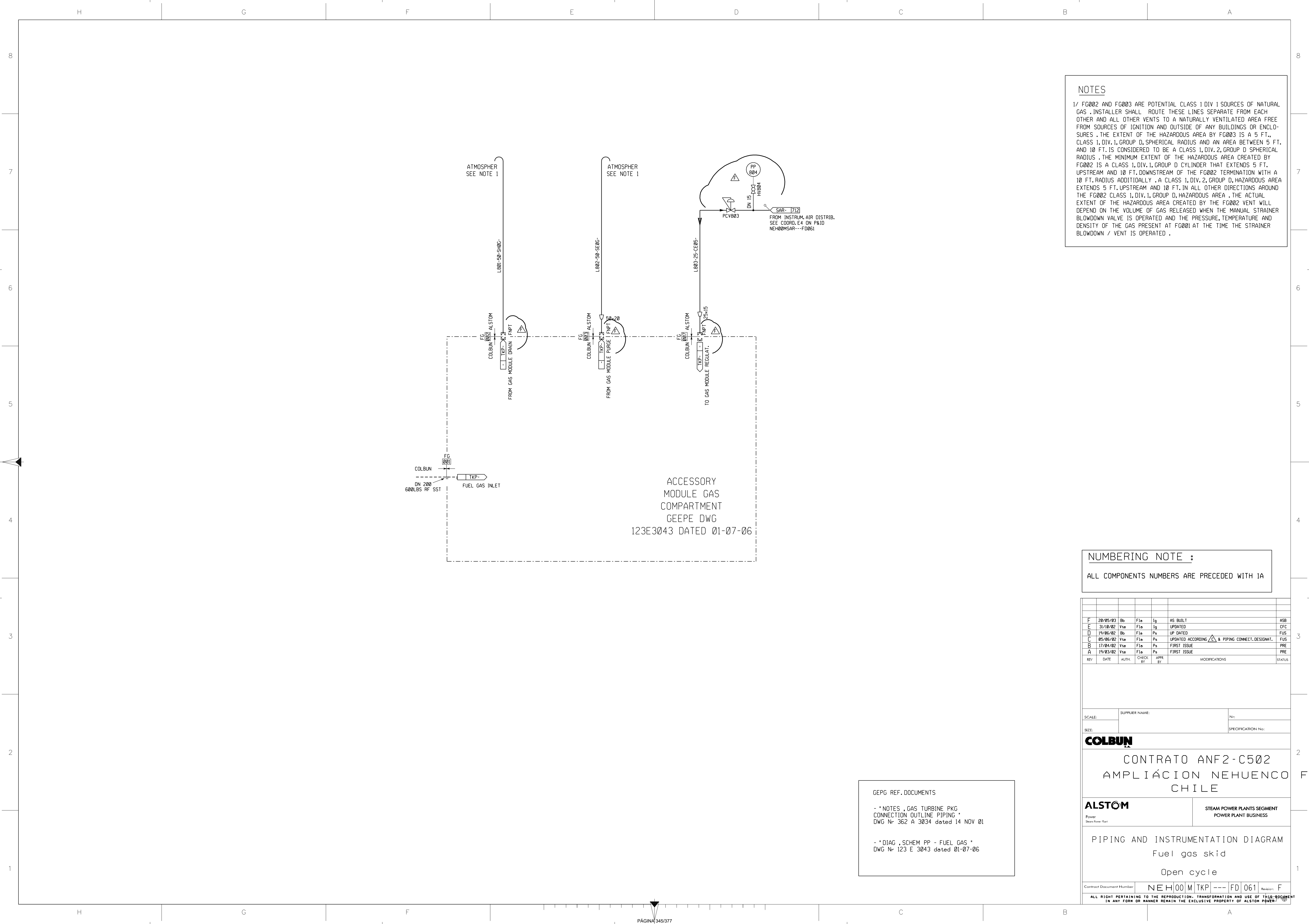
MAIN OIL TANK
GEPEE DWG
123 E 3035
dated 01-07-05

FLOAT TRAP ASSEMBLY
GEPEE DWG
124 E 2842

ON BASE PIPING
GEPEE DWG
124 E 2842

HYDROGEN SEAL OIL CONTROL UNIT (S.O.C.U)
GEPEE DWG
124 E 2842

LIQUID LEVEL DETECTOR
SEE DWG GE
124 E 2842



NOTES

1/ FG002 AND FG003 ARE POTENTIAL CLASS 1 DIV 1 SOURCES OF NATURAL GAS . INSTALLER SHALL ROUTE THESE LINES SEPARATE FROM EACH OTHER AND ALL OTHER VENTS TO A NATURALLY VENTILATED AREA FREE FROM SOURCES OF IGNITION AND OUTSIDE OF ANY BUILDINGS OR ENCLOSURES . THE EXTENT OF THE HAZARDOUS AREA BY FG003 IS A 5 FT. CLASS 1, DIV.1, GROUP D, SPHERICAL RADIUS AND AN AREA BETWEEN 5 FT. AND 10 FT. IS CONSIDERED TO BE A CLASS 1, DIV. 2, GROUP D SPHERICAL RADIUS . THE MINIMUM EXTENT OF THE HAZARDOUS AREA CREATED BY FG002 IS A CLASS 1, DIV.1, GROUP D CYLINDER THAT EXTENDS 5 FT. UPSTREAM AND 10 FT. DOWNSTREAM OF THE FG002 TERMINATION WITH A 10 FT. RADIUS ADDITIONALLY . A CLASS 1, DIV. 2, GROUP D, HAZARDOUS AREA EXTENDS 5 FT. UPSTREAM AND 10 FT. IN ALL OTHER DIRECTIONS AROUND THE FG002 CLASS 1, DIV.1, GROUP D, HAZARDOUS AREA . THE ACTUAL EXTENT OF THE HAZARDOUS AREA CREATED BY THE FG002 VENT WILL DEPEND ON THE VOLUME OF GAS RELEASED WHEN THE MANUAL STRAINER BLOWDOWN VALVE IS OPERATED AND THE PRESSURE, TEMPERATURE AND DENSITY OF THE GAS PRESENT AT FG001 AT THE TIME THE STRAINER BLOWDOWN / VENT IS OPERATED .

NUMBERING NOTE :

ALL COMPONENTS NUMBERS ARE PRECEDED WITH 1A

REV	DATE	AUTH.	CHECK BY	APPR. BY	MODIFICATIONS	STATUS
F	28/05/03	Bb	F1a	Iq	AS BUILT	ASB
E	31/10/02	Vte	F1a	Iq	UPDATED	CFC
D	19/06/02	Bb	F1a	Ps	UP DATED	FUS
C	05/06/02	Vte	F1a	Ps	UPDATED ACCORDING TO PIPING CONNECT. DESIGNAT.	FUS
B	17/04/02	Vte	F1a	Ps	FIRST ISSUE	PRE
A	19/03/02	Vte	F1a	Ps	FIRST ISSUE	PRE

GEPG REF. DOCUMENTS
 - * NOTES , GAS TURBINE PKG CONNECTION OUTLINE PIPING * DWG Nr 362 A 3034 dated 14 NOV 01
 - * DIAG , SCHEM PP - FUEL GAS * DWG Nr 123 E 3043 dated 01-07-06

SCALE: _____ SUPPLIER NAME: _____ Nr: _____
 SIZE: _____ SPECIFICATION No: _____

COLBUN

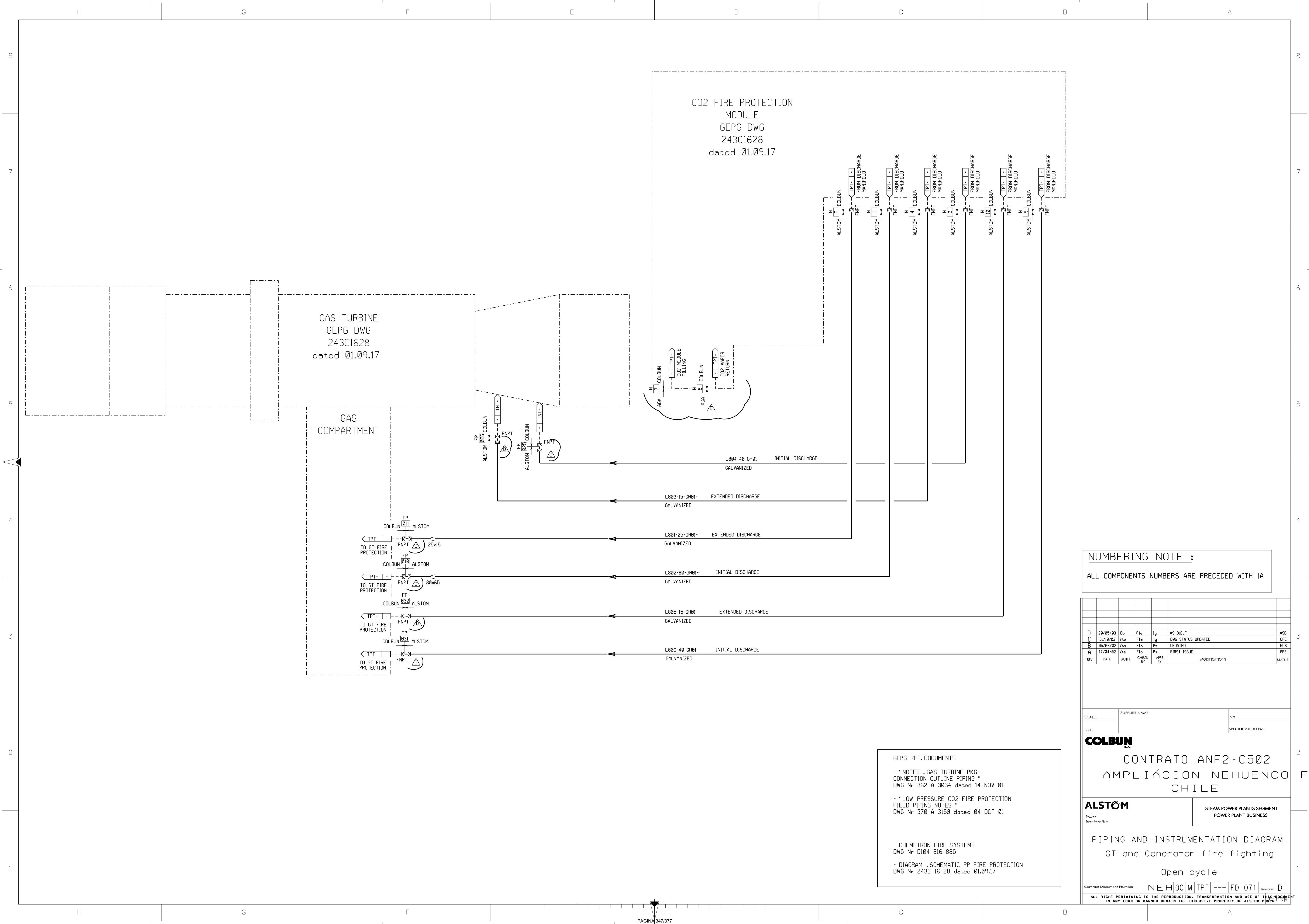
CONTRATO ANF2-C502
 AMPLIACION NEHUENCO CHILE

ALSTOM STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
 Fuel gas skid
 Open cycle

Contract Document Number: **NEH00M TKP --- FD 061** Revision: **F**

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CO2 FIRE PROTECTION
MODULE
GEPC DWG
243C1628
dated 01.09.17

GAS TURBINE
GEPC DWG
243C1628
dated 01.09.17

GAS
COMPARTMENT

NUMBERING NOTE :
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REV	DATE	AUTH.	CHECK BY	APP. BY	MODIFICATIONS	STATUS
D	20/05/03	Bb	Flo	Ig	AS BUILT	ASB
C	31/10/02	Vte	Flo	Ig	DWG STATUS UPDATED	CFC
B	05/06/02	Vte	Flo	Ps	UPDATED	FUS
A	17/04/02	Vte	Flo	Ps	FIRST ISSUE	PRE

GEPC REF. DOCUMENTS

- "NOTES , GAS TURBINE PKG CONNECTION OUTLINE PIPING " DWG N° 362 A 3034 dated 14 NOV 01
- "LOW PRESSURE CO2 FIRE PROTECTION FIELD PIPING NOTES " DWG N° 370 A 3160 dated 04 OCT 01
- CHEMETRON FIRE SYSTEMS DWG N° D104 816 886
- DIAGRAM , SCHEMATIC PP FIRE PROTECTION DWG N° 243C 16 28 dated 01.09.17

SCALE: _____ SUPPLIER NAME: _____ Nr: _____

SIZE: _____ SPECIFICATION No: _____

COLBUN

CONTRATO ANF2-C502
AMPLIACION NEHUENCO CHILE

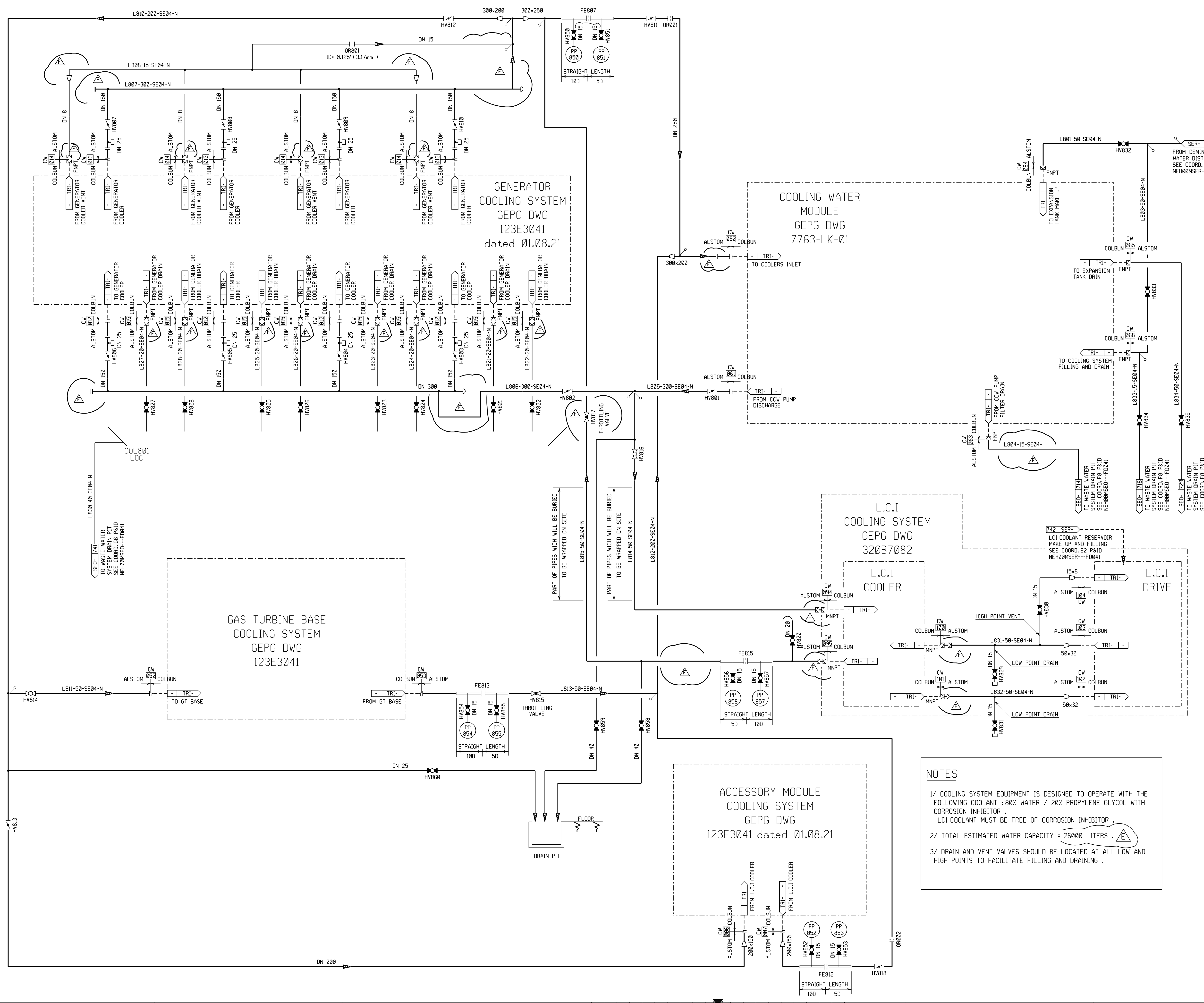
ALSTOM STEAM POWER PLANTS SEGMENT
POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
GT and Generator fire fighting

Open cycle

Contract Document Number: **NEH00M TPT --- FD 071** Revision: **D**

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- GEPG REF. DOCUMENTS
- * NOTES, GAS TURBINE PKG CONN. OUTLINE-PIPING *
DWG N° 362 A 3034 dated 01-11-14
 - * DIAG. SCHEM. PP- COOLING WATER *
DWG N° 123 E 3041 dated 01-08-21
 - * COOLING WATER MODULE *
DWG N° 240 C 3247 dated 01-08-31
 - * SPECIFICATION, GENERATOR COOLER PIPING *
DWG N° 357 A 2296 dated 97-02-25
 - * COOLING WATER MODULE *
DWG N° 7763 - LK - 03 Rev. B dated 19 FEB. 01
 - * COOLING WATER MODULE *
DWG N° 7763 - LK - 01 Rev. B dated 14 FEB. 01
 - * SCHEMATIC, LCI COOLING SYSTEM INTERCONNECTING DIAGRAM *
DWG N° 320 B 7082 dated 99-09-21
 - * INNOVATION SERIES LCI LIQUID COOLING SYSTEM *
DWG N° GEH-6374A dated 00-12-04

NUMBERING NOTE :
ALL COMPONENTS NUMBERS ARE PRECEDED WITH 1A

REV	DATE	AUTH.	CHECK BY	APP. BY	MODIFICATIONS	STATUS
F	28/05/03	Bb	Flo	Iq	AS BUILT	ASB
E	31/10/02	Vte	Flo	Iq	UPDATED ACCORDING AND ADDED COORDINATES	CFC
D	02/08/02	Vte	Flo	Ps	UP DATED	FUS
C	19/06/02	Vte	Flo	Ps	UP DATED	FUS
B	05/06/02	Vte	Flo	Ps	UPDATED ACCORDING AND THE GEPG REF. DOC.	FUS
A	17/04/02	Vte	Flo	Ps	FIRST ISSUE	PRE

- NOTES**
- 1/ COOLING SYSTEM EQUIPMENT IS DESIGNED TO OPERATE WITH THE FOLLOWING COOLANT : 80% WATER / 20% PROPYLENE GLYCOL WITH CORROSION INHIBITOR .
LCI COOLANT MUST BE FREE OF CORROSION INHIBITOR .
 - 2/ TOTAL ESTIMATED WATER CAPACITY = 26000 LITERS .
 - 3/ DRAIN AND VENT VALVES SHOULD BE LOCATED AT ALL LOW AND HIGH POINTS TO FACILITATE FILLING AND DRAINING .

SCALE: _____ SUPPLIER NAME: _____ No: _____
 SIZE: _____ SPECIFICATION No: _____

COLBUN

**CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO
CHILE**

ALSTOM STEAM POWER PLANTS SEGMENT
POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
Auxiliaries cooling
Open cycle

Contract Document Number: **NEH00MTRI --- FD 031** Revision: **F**

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HYDROGEN CONTROL ASSEMBLY
GEEPE DWG
124E2841
dated 01.08.13

GENERATOR GEEPE DWG
124E2841
dated 01.08.13

NOTES

- 1/ LOCATE VENT SO THAT HYDROGEN WILL NOT ENTER AN AREA WITH IGNITION SOURCES, DO NOT HAVE HYDROGEN IMPACT ON TO ROOF TOP OR OTHER FLAME SENSITIVE SURFACE.
- 2/ PIPE PITCH ON HORIZONTAL RUNS IS 2%
- 3/ PIPE PITCH : ALL PIPING AND TUBING SHALL BE PITCHED AWAY FROM ASSEMBLIES
- 4/ H2 PIPING SHALL BE WELL GROUNDED
- 5/ * = GE DESIGNATION
- 6/ LIQUID LEVEL DETECTOR ASSEMBLY SHALL BE LOCATED ON A WALL WITHIN A 15 METERS HORIZONTAL RADIUS OF THE GENERATOR
HYDROGEN CONTROL CABINET ASSEMBLY SHALL BE LOCATED ON A WALL WITHIN A 15 METERS HORIZONTAL RADIUS OF THE GENERATOR
GAS CONTROL VALVE ASSEMBLY SHALL BE LOCATED ON A WALL WITHIN A 15 METERS HORIZONTAL RADIUS OF THE GENERATOR
- 7/ ROOF VENT : A 50 mm DIAMETER MAIN VENT PIPE MAY EXTEND FOR 30 METERS LENGTH BEYOND 30 METERS SHALL BE WITH 80 mm PIPE.
- 8/ HIGH POINT IN THE PIPING : THE PIPE SHALL INCREASE IN ELEVATION UP TO THE HIGHEST ELEVATION POSSIBLE WHILE REMAINING BENEATH THE GENERATOR LAGGING (ABOUT 1m)

GEPG REF. DOCUMENTS

- 'GENERATOR GAS SYSTEM INSTALLATION DESIGN SPECIFICATION ' DWG Nr 357 A 2258
- 'LIQUID LEVEL DETECTOR OUTLINE ' DWG Nr 110 E 7485 dated 98-04-13
- 'OUTLINE HYDROGEN CABINET TOP ENTRY ' DWG Nr 115 E 3406 dated 98-10-05
- 'O/L ,H2 and CO2 CONTROL CABINET ' DWG Nr 115 E 3405 dated 98-10-05
- 'P&ID, GAS PIPING (GENERATOR SYSTEM) ' DWG Nr 124 E 2841 dated 01-08-13
- 'PIPING CONNECTIONS GENERATOR ' DWG Nr 112 E 7538 dated 97-07-18

NUMBERING NOTE :

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REV	DATE	AUTH.	CHECK BY	APP. BY	MODIFICATIONS	STATUS
F	28/05/03	Bb	Flo	Flo	AS BUILT	ASB
E	31/10/02	Vte	Flo	Flo	UPDATED	CFC
D	19/06/02	Bb	Flo	Ps	UPDATED	FUS
C	05/06/02	Vte	Flo	Ps	UPDATED	FUS
B	17/04/02	Vte	Flo	Ps	UPDATED	PRE
A	19/03/02	Vte	Flo	Ps	FIRST ISSUE	PRE

SCALE:	SUPPLIER NAME:	Nr:
SIZE:	SPECIFICATION No:	

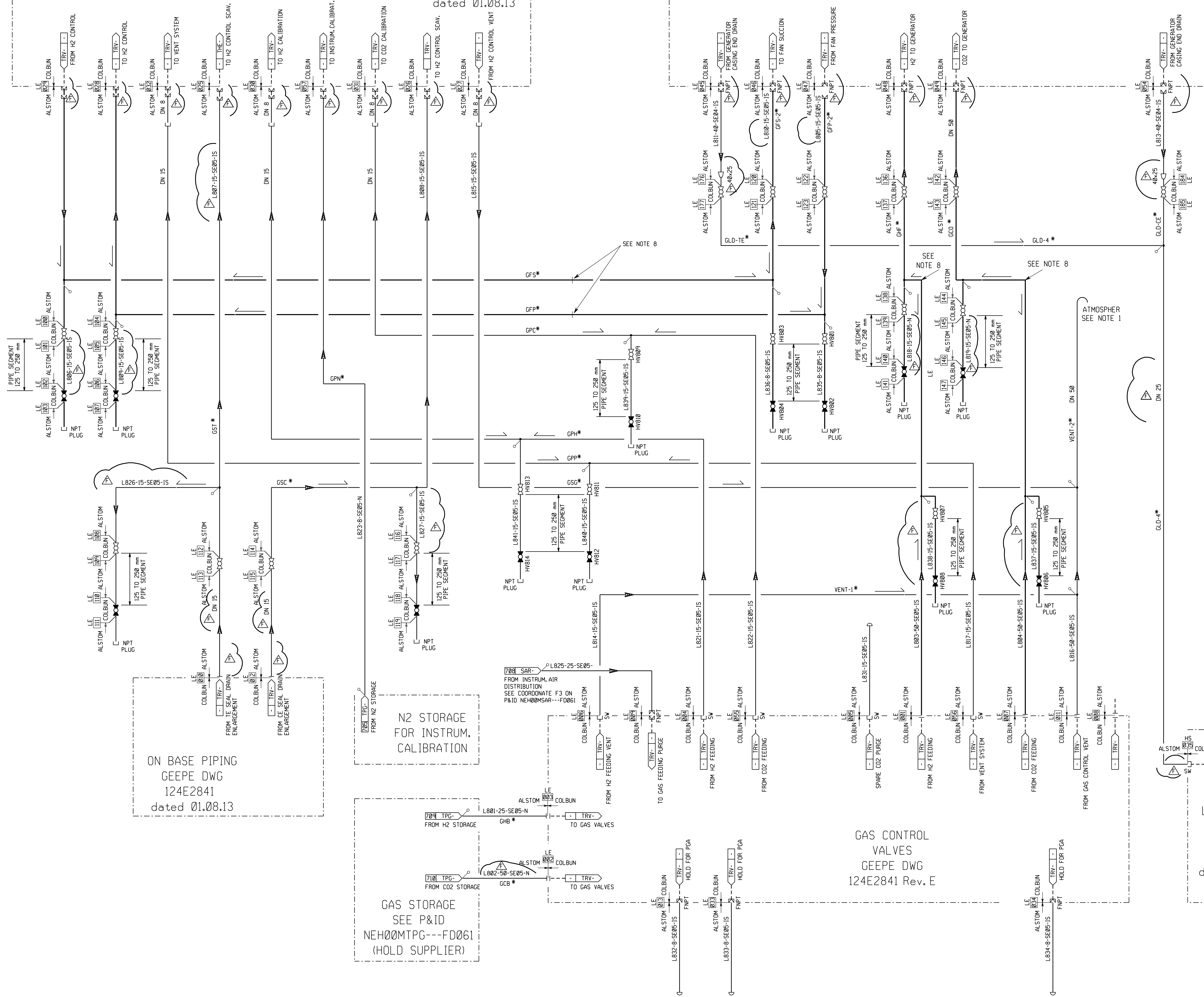
COLBUN
CONTRATO ANF2-C502
AMPLIACION NEHUENCO
CHILE

ALSTOM STEAM POWER PLANTS SEGMENT
POWER PLANT BUSINESS

PIPING AND INSTRUMENTATION DIAGRAM
Hydrogen filling
Open cycle

Contract Document Number: **NEH00MTRV---FD061** Revision: **F**

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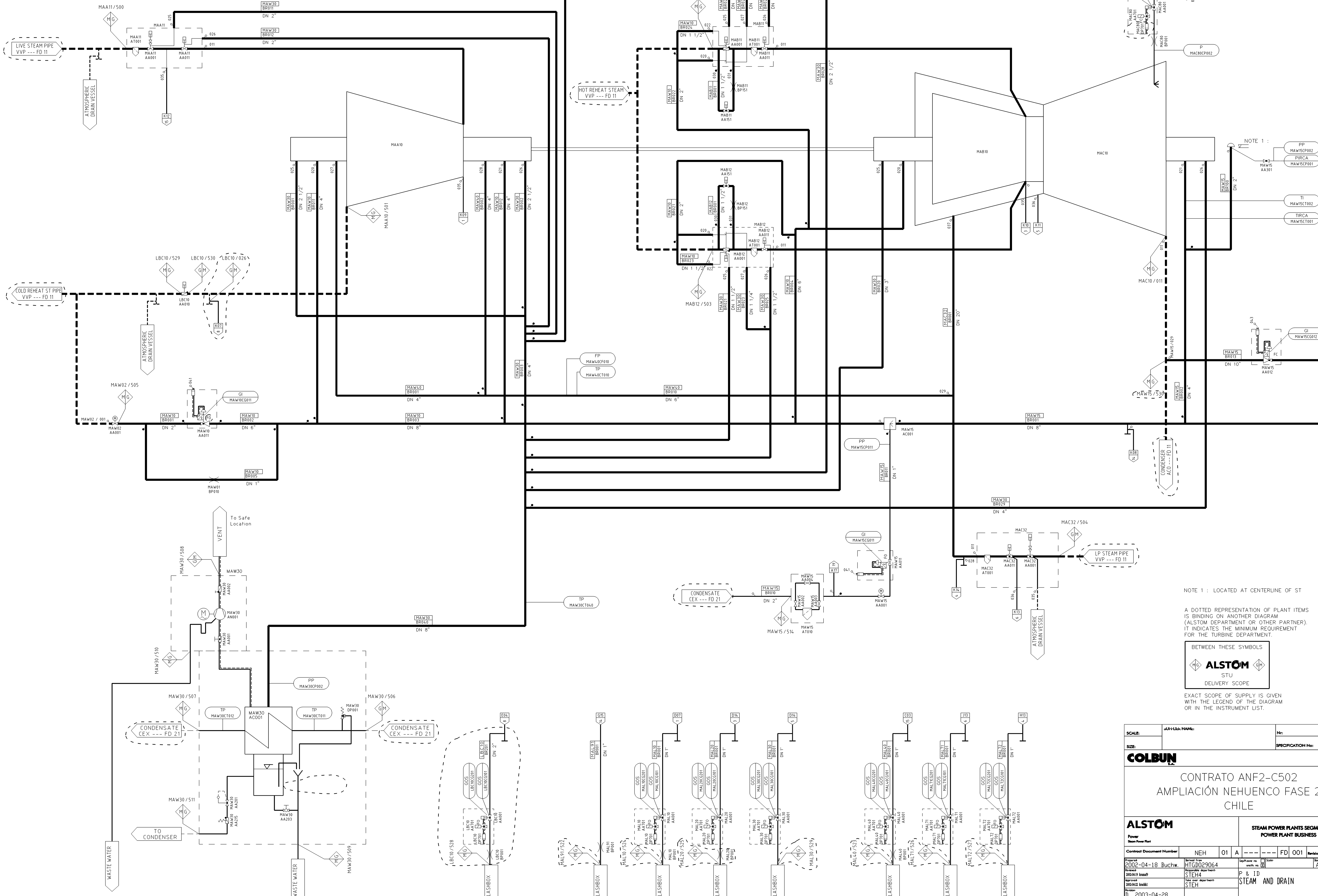
ON BASE PIPING
GEEPE DWG
124E2841
dated 01.08.13

N2 STORAGE
FOR INSTRUM.
CALIBRATION

GAS STORAGE
SEE P&ID
NEH00MTPG---FD061
(HOLD SUPPLIER)

GAS CONTROL
VALVES
GEEPE DWG
124E2841 Rev. E

LIQUID LEVEL
DETECTOR
GEEPE DWG
124E2841
dated 01.08.13



NOTE 1 : LOCATED AT CENTERLINE OF ST

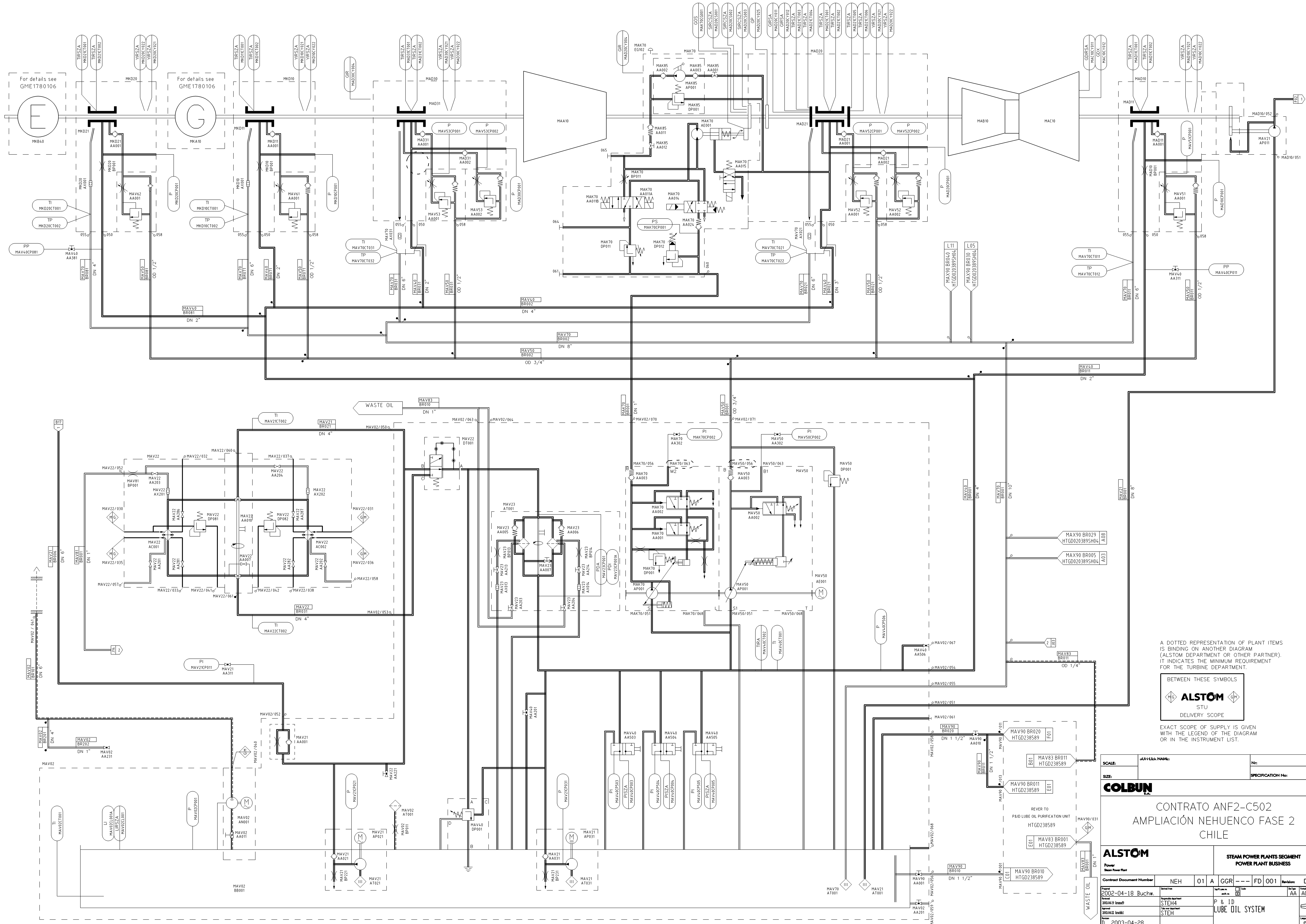
A DOTTED REPRESENTATION OF PLANT ITEMS IS BINDING ON ANOTHER DIAGRAM (ALSTOM DEPARTMENT OR OTHER PARTNER). IT INDICATES THE MINIMUM REQUIREMENT FOR THE TURBINE DEPARTMENT.

BETWEEN THESE SYMBOLS

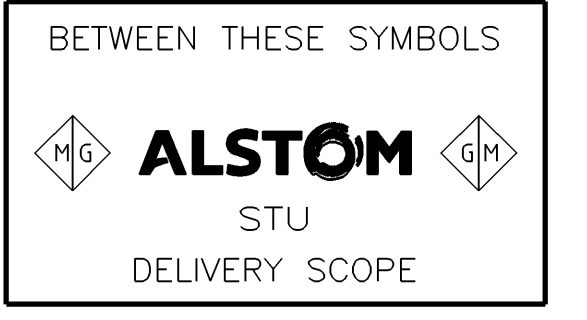
ALSTOM
STU
DELIVERY SCOPE

EXACT SCOPE OF SUPPLY IS GIVEN WITH THE LEGEND OF THE DIAGRAM OR IN THE INSTRUMENT LIST.

SCALE:	JUH-Like NAME:	Nr:
SIZE:		SPECIFICATION No:
COLBUN		
CONTRATO ANF2-C502 AMPLIACIÓN NEHUENCO FASE 2 CHILE		
ALSTOM Power Steam Power Plant		STEAM POWER PLANTS SEGMENT POWER PLANT BUSINESS
Contract Document Number	NEH 01 A --- FD 001	Revision: D
Proposed	Drawn From	Sheet/Total no. of Sheets
2002-04-18 Buchw.	HTGD029064	01/01
Approved	Checked	Scale
HTGD029064	STEH	P & ID
Revision	Drawn	Project
D 2003-04-28	STEH	Neh02
		MA/ZA01
		HTGD020389



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SCALE: JWH-lik NAME: N°: SPECIFICATION No:

COLBUN

CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2
CHILE

ALSTOM STEAM POWER PLANTS SEGMENT
POWER PLANT BUSINESS

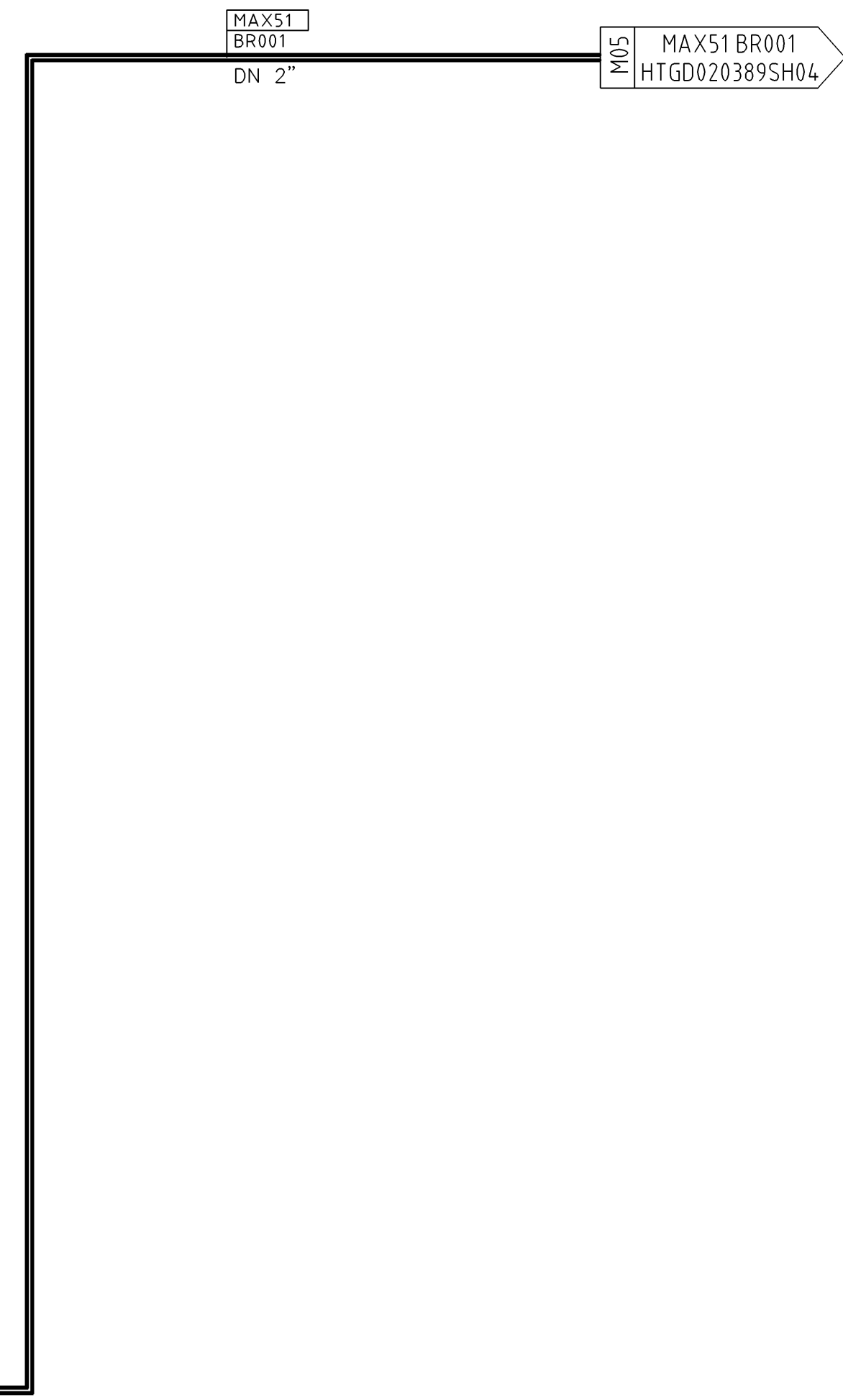
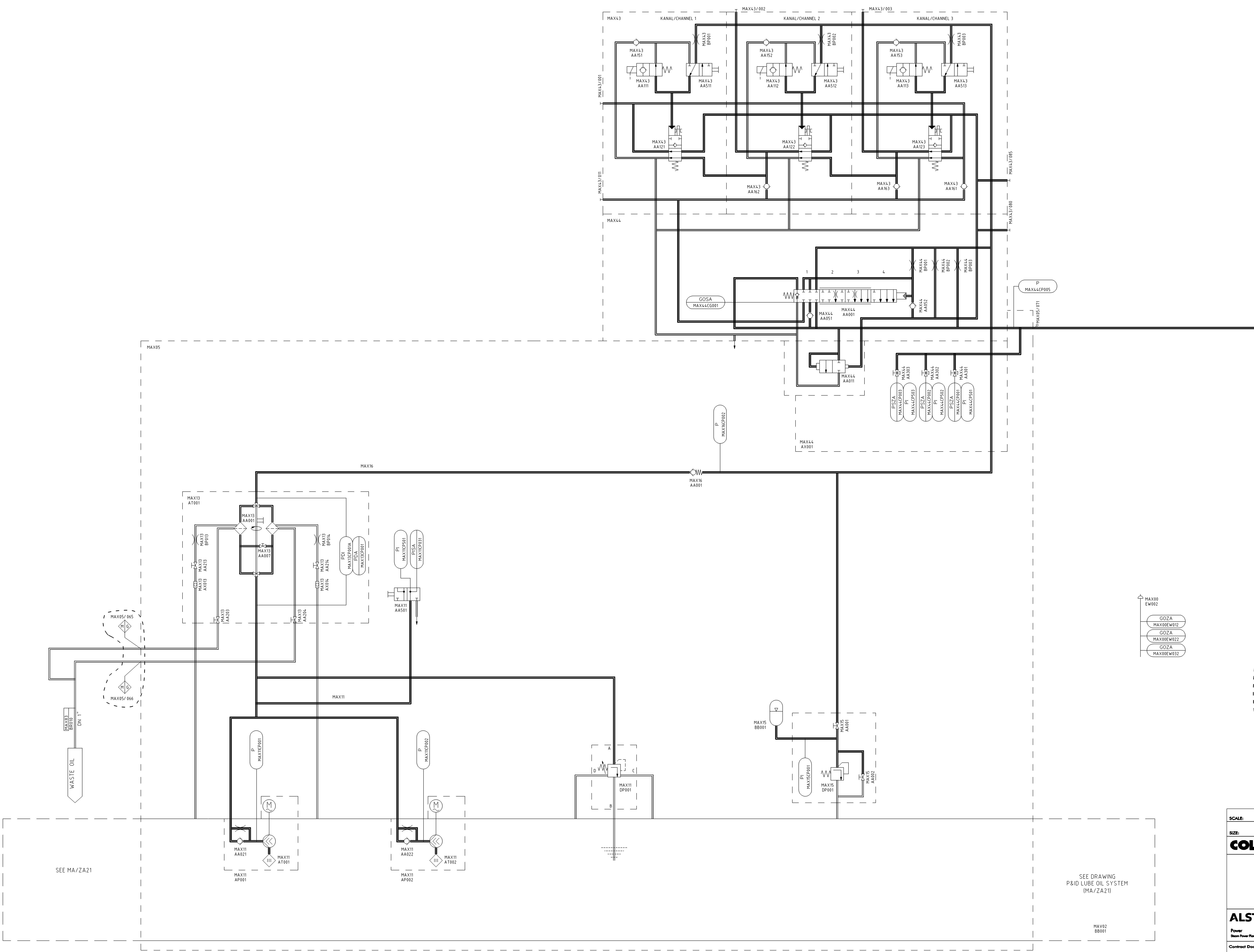
Contract Document Number	NEH 01 A GGR --- FD 001	Revision:	D
Project	2002-04-18 Buchw.	Scale	AA A0
Plant	38004-10 base07	Equipment	STEH4
Plant	38004-10 base07	System	P & ID
Plant	38004-10 base07	System	LUBE OIL SYSTEM
Plant	38004-10 base07	System	LUBE OIL SYSTEM

LEGEND FOR P & ID HTGD 494/410
SYMBOLS LEGEND FOR P & ID HTCT 675261

ALSTOM ALSTOM Power (Switzerland) Ltd
Neh02 MA/ZA21
HTGD020389

HTGD020389

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BETWEEN THESE SYMBOLS

ALSTOM

STU
DELIVERY SCOPE

EXACT SCOPE OF SUPPLY IS GIVEN WITH THE LEGEND OF THE DIAGRAM OR IN THE INSTRUMENT LIST.

- MAX00 EW002
- GOZA MAX00EW012
- GOZA MAX00EW022
- GOZA MAX00EW032

SEE MA/ZA21

SEE DRAWING P&ID LUBE OIL SYSTEM (MA/ZA21)

ALSTOM STEAM POWER PLANTS SEGMENT
POWER PLANT BUSINESS

SCALE: JHH-Link NAME: Nr: SPECIFICATION No:

COLBUN

CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2
CHILE

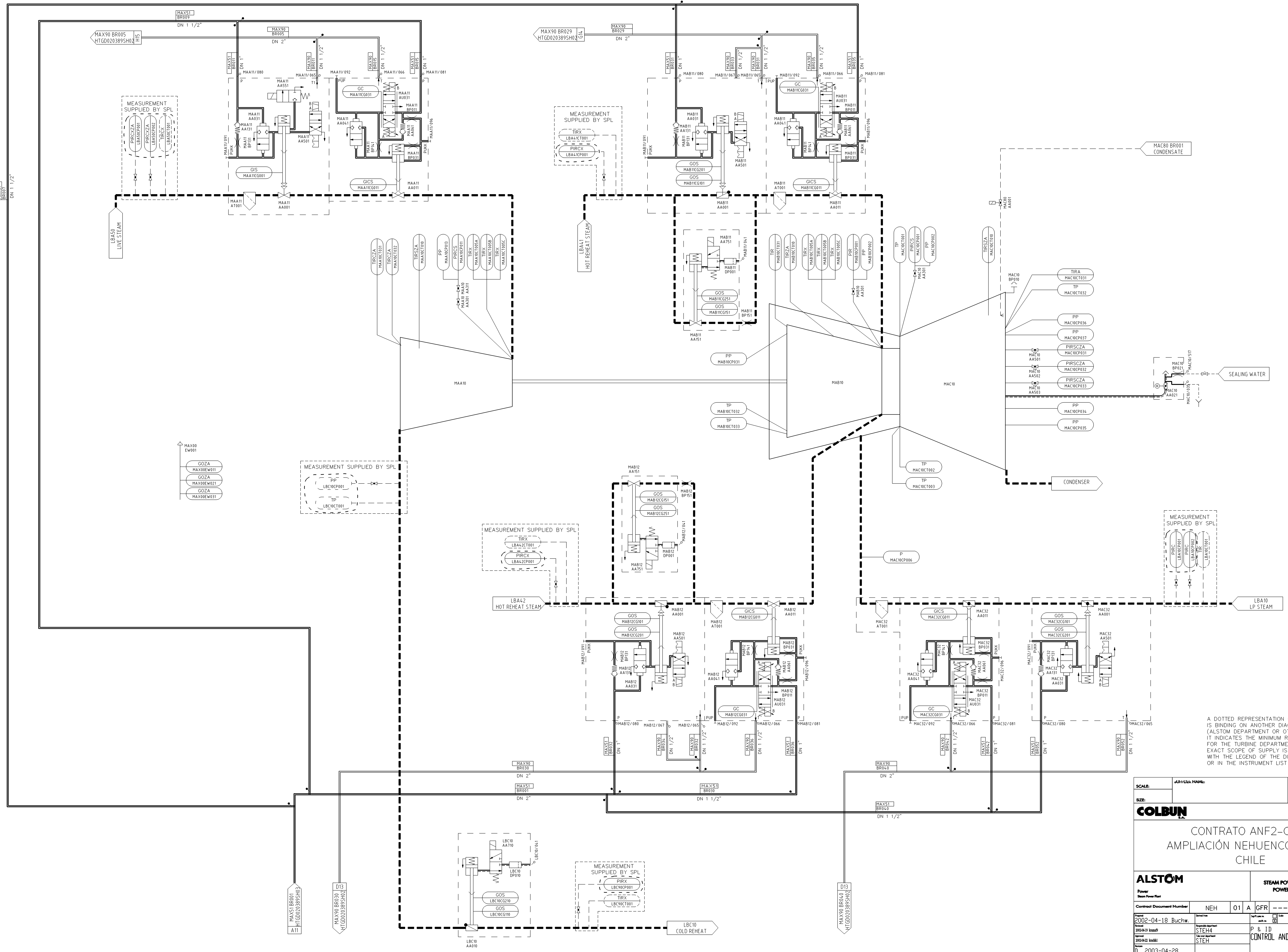
Contract Document Number: NEH 01 A GFR --- FD 001 Revision: D

Project: 2002-04-18 Buchw. Date: 01/04/03
Client: STEH4
Contract: STEH

Project: 2003-04-28
Client: NEH02
Contract: MA/ZA11

ALSTOM ALSTOM Power (Switzerland) Ltd
Neh02 MA/ZA11
HTGD020389

LEGEND FOR P & ID HTGD 494410
SYMBOLS LEGEND FOR P & ID HTCT 675261



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SCALE: **JUN-18-18** NAME: **HTGD020389** Nr: **01**
 SIZE: **COLBUN** SPECIFICATION No: **AA**

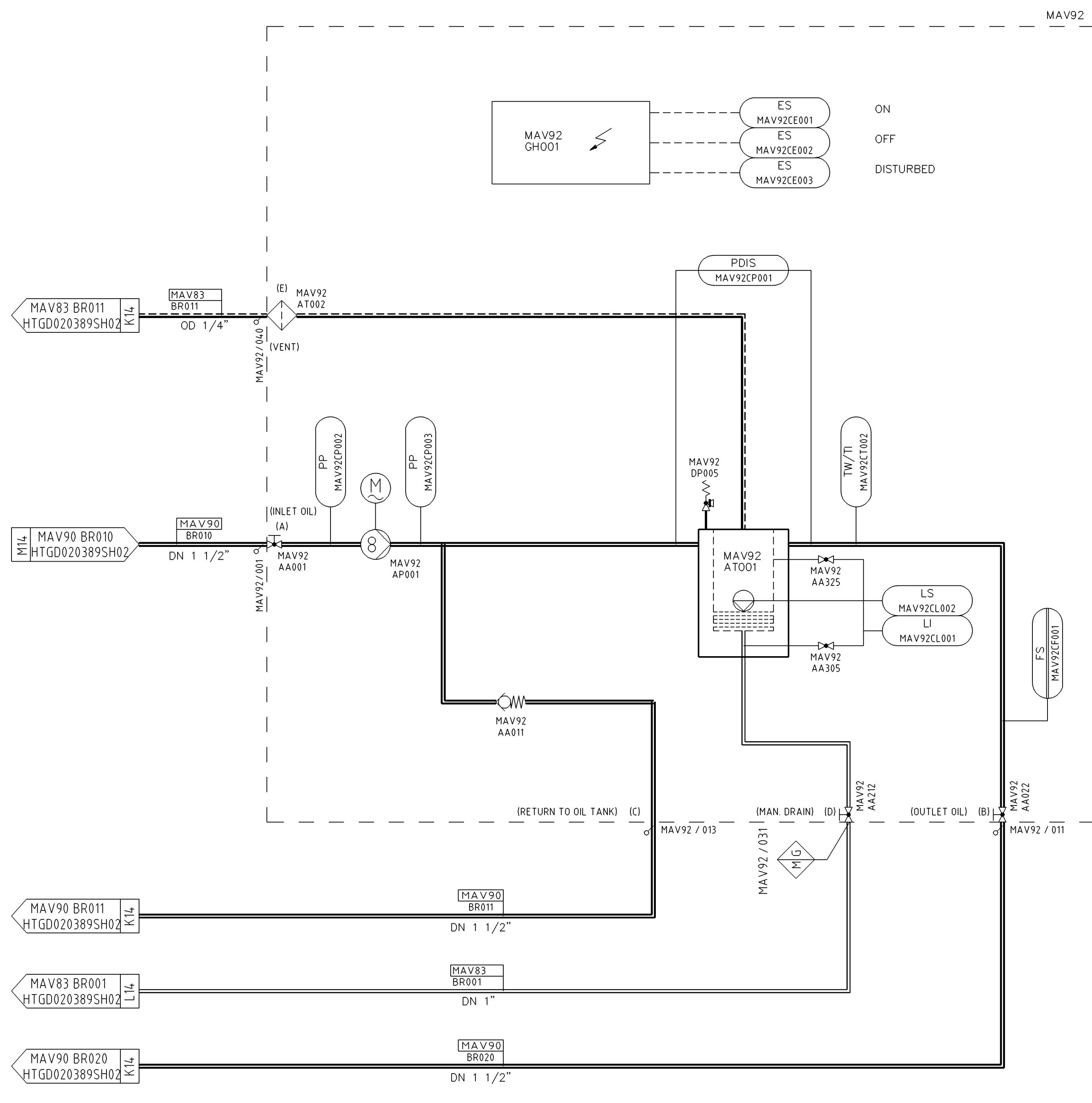
CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2
CHILE

ALSTOM STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS

Contract Document Number	NEH 01 A GFR --- FD 002	Revision:	D
Project	2002-04-18 Buchw.	Scale	AA
Plant	NEHUENCO	Department	STEHA
Segment	STEHA	Sub-department	CONTROL AND PROTECTION
Version	D 2003-04-28	Plant	NEHUENCO
		Project	MA/ZA12

LEGEND FOR P & ID HTGD 494.410
 SYMBOLS LEGEND FOR P & ID HTCT 675261

ALSTOM ALSTOM Power (Switzerland) Ltd
 HTGD020389



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BETWEEN THESE SYMBOLS

ALSTOM

STU
DELIVERY SCOPE

EXACT SCOPE OF SUPPLY IS GIVEN WITH THE LEGEND OF THE DIAGRAM OR IN THE INSTRUMENT LIST.

SCALE:		SUPPLIER NAME:		Nr:	
SIZE:				SPECIFICATION No:	
COLBUN S.A.					
CONTRATO ANF2-C502 AMPLIACIÓN NEHUENCO FASE 2 CHILE					
ALSTOM Power Steam Power Plant				STEAM POWER PLANTS SEGMENT POWER PLANT BUSINESS	
Contract Document Number		NEH	01	A	CET
		---	FD	001	Revision: B
Prepared	Derived from:	Sep. PI same no.	Scale:	DocType:	Format:
2002-06-10 Buchw.	GMD2 681 810	work no. <input checked="" type="checkbox"/>		AA	A2
Reviewed	Responsible department:	P & ID			
2002-06-13 kramat9	STE4	LUBE OIL PURIFICATION UNIT			
Approved	Take over department:	Language:			
2002-06-17 krachh1	STE4	en			
Revision:	Project		No of sh		
B 2003-04-28	NEHUENCO PS KKS MA/ZA26		1		
Document no.		Sheet:			
HTGD238589		1			

Type Rev. Released Linq Status
 Z1 B 2003-04-28 EN Approved
 Dept. Document No. 963 HTGD238589

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LEGEND FOR P & ID HTGD 494494
SYMBOLS LEGEND FOR P & ID HTCT 675261

ALSTOM ALSTOM Power (Switzerland) Ltd

HTGD238589

ORIGIN AUTOCAD
 ARCHIVE KW/CH/SP6

SYMBOL SIMBOLO	CODE CODIGO	DESIGNATION DESIGNACION
		PIPING PARTS PIEZAS DE TUBERIA
	-	VENT LINE LINEA DE VENTEO
	-	FLEXIBLE HOSE TUBO FLEXIBLE
	-	FUNNEL EMBUDO
L XXX-YYY-ZZZ	-	PIPING DESIGNATION L XXX = LINE NUMBER YYY = ND OR OD ZZZ=CMI PIPING SPECIFICATION REFERENCIA DE TUBERIA L XXX = NUMERO DE TUBERIA dimø nominal ou diøm exterior ESPECIFICACION DE TUBERIA CMI
	-	POCKET (THERMOWELL OR SAMPLING PROBE) ALOJAMIENTO PARA TERMOMETRO O SONDA
	-	REDUCER REDUCTOR
	-	FLANGE BRIDA
	-	BLIND CAP TAPON CIEGO

VALVES, ACTUATORS VALVULAS, ACTUADORES		
	HV	GLOBE VALVE VALVULA DE GLOBO
	-	NORMALLY CLOSED (GENERAL) NORMALMENTE CERRADO (GENERAL)
	HV	GATE VALVE VALVULA DE COMPUERTA
	BFP	CHECK VALVE VALVULA DE RETENCION
	CV	VALVE WITH PROGRESSIVE ADJUSTEMENT CHARACTERISTIC VALVULA CON AJUSTE PROGRESIVO CARACTERISTICA DE AJUSTAMENTO
	-	THREE WAYS VALVE VALVULA DE TRES PASOS
	PSV	SPRING LOADED SAFETY VALVE CON CARGA DE MUELLE VALVULA DE SEGURIDAD
	ATM	DESUPERHEATING DEVICE ATEMPERADOR
	BFP	CHECK VALVE WITH HOLE VALVULA DE RETENCION CON AGUJERO
	-	MINIMUM FLOW FLUJO MINIMO
	-	PNEUMATICALLY OPERATED VALVE VALVULA CON ACCIONAMIENTO NEUMATICO
	UV	ELECTRIC MOTOR ACTUATED VALVE VALVULA CON ACCIONAMIENTO ELECTRICO
	-	SOLENOID ACTUATED VALVE VALVULA ACCIONADA POR ELECTROIMAN
	HV	BUTTERFLY VALVE VALVULA MARIPOSA

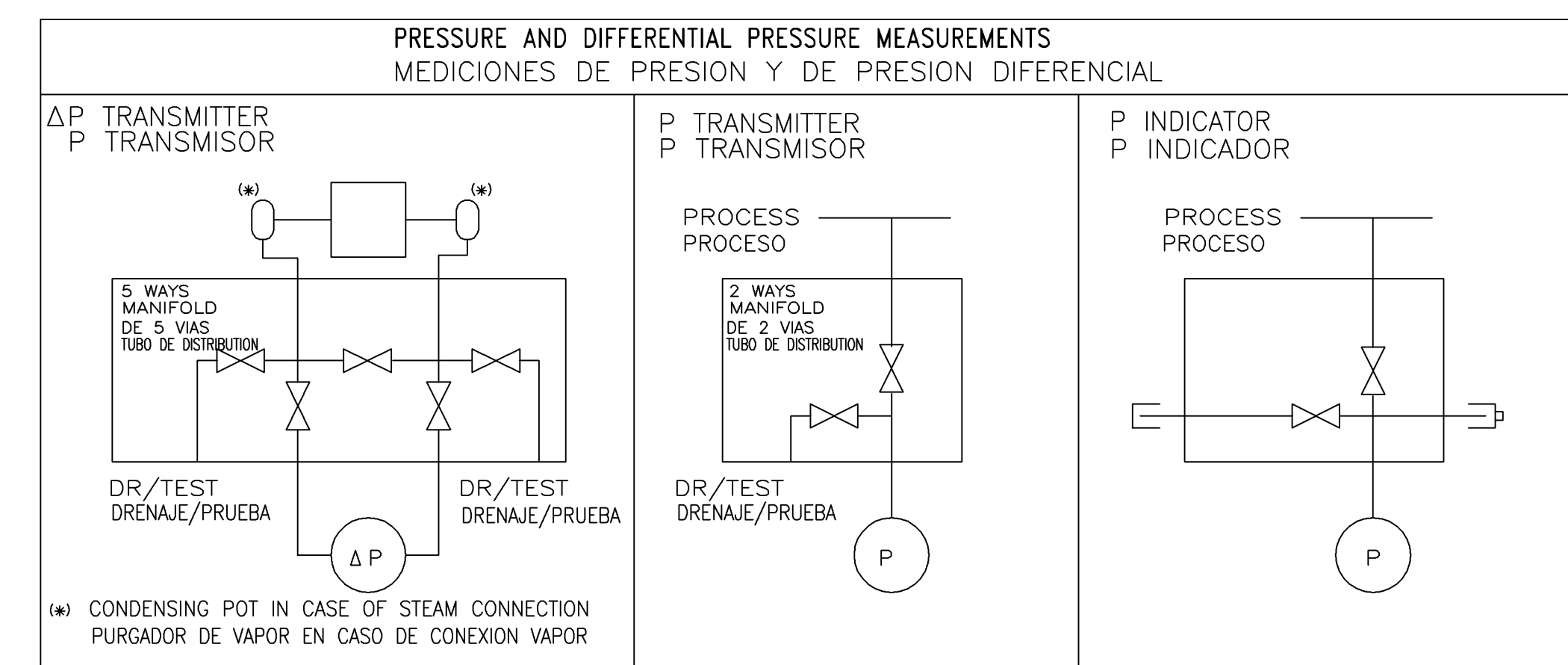
SYMBOL SIMBOLO	CODE CODIGO	DESIGNATION DESIGNACION
		OTHER EQUIPMENTS OTROS EQUIPOS
	TRP	SEPARATOR - STEAM TRAP SEPARADOR - PURGADOR DE VAPOR AUTOMATICO
	FLT	STRAINER FILTRO
	-	CONDENSING POT PURGADOR DE VAPOR
	FE	FLOW MESURING DEVICE, GENERAL DISPOSITIVO DE MEDICION DE CAUDAL, GENERAL
	-	FLOW NOZZLE TOBERA DE CAUDAL
	-	FLOW SWITCH DETECCION DE CAUDAL
	-	ORIFICE FLOW METER ORIFICIO DE MEDICION DE CAUDAL
	-	PRESSURE REDUCING ORIFICE ORIFICIO REDUCTOR DE PRESION
	SIL	SILENCER SILENCIADOR
	-	HEAT EXCHANGER INTERCAMBIADOR DE CALOR
	SD	TANK, DRUM TANQUE, DOMO
	-	HEAT EXCHANGER HEADER COLECTOR DEL INTERCAMBIADOR DE CALOR
	P	CENTRIFUGAL PUMP BOMBA CENTRIFUGA
	-	AIR FAN VENTILADOR
	-	OPENED DRAIN DRENAJE ABIERTO
	-	CHEMICAL NOZZLE CONNECTION PROVISION PARA LAVADO
	-	DRAIN POT PURGADOR
	-	EJECTOR EYECTOR
	-	SAF VLV EXHAUST PIPE POT TANQUE DEL TUBO DE DESCARGA DE LA VALVULA DE SEGURIDAD

CODE LETTERS FOR IDENTIFICATION CODIGO ALFABETICO PARA IDENTIFICACION OF INSTRUMENTS FUNCTIONS DE LAS FUNCIONES DE LOS INSTRUMENTOS	
	FIRST LETTERS PRIMERAS LETRAS
Q	ANALYSIS ANALISIS
F	FLOW CAUDAL, FLUJO
G	DISTANCE, LENGTH, POSITION DISTANCIA, LONGITUD, POSICION
L	LEVEL NIVEL
P	PRESSURE PRESION
PD	PRESSURE DIFFERENCE DIFERENCIA DE PRESION
S	SPEED VELOCIDAD
T	TEMPERATURE TEMPERATURA
Z	POSITION POSICION
	FOLLOWING LETTERS LETRAS SIGUIENTES
T	THERMO-ELEMENT TERMOPAR
I	LOCAL INDICATION INDICACION LOCAL
T	TRANSMITTER TRANSMITIDOR
S	SWITCH SWITCH

SYMBOL SIMBOLO	DESIGNATION DESIGNACION
	MEASURING AND CONTROL (I&C) MEDICION Y CONTROL (I&C)
	GENERAL SYMBOL FOR MEASURING POINT SIMBOLO GENERAL PARA PUNTO DE MEDICION YY = CODE LETTERS FOR IDENTIFICATION CODIGOS PARA IDENTIFICACION XXX = SEQUENTIAL NUMBER NUMERO SECUENCIAL
	INTERFACES, LIMITS INTERFAZES, LIMITES
	INTERFACE POINTER TO/FROM OTHER P&ID INDICADOR DE INTERFAZ HACIA/DE OTRO P&ID -CONTACT DRAWING NUMBER -NUMERO DE PLANO DE REFERENCIA -SUPPLIER DRAWING NUMBER -NUMERO DEL PLANO DEL PROVEEDOR -XY : COORDINATES ON OTHER P&ID REFERENCIAS SOBRE OTRO DIAGRAMA PID
	LIMIT OF SUPPLY LIMITE DE SUMINISTRO

REFER TO DRAWINGS:
VER PLANOS

66071/00002/6 FDA-A30-FD-001
66071/00003/6 FLB-A30-FD-001
66071/00004/6 FRH-A30-FD-001
66071/00005/6 FSR-A30-FD-001
66071/00006/6 FBP-A30-FD-001
66071/00007/6 FPU-A30-FD-001
66071/00009/4 SGZ-A30-FD-001
66071/00011/4 SAR-A30-FD-001
66071/00015/8 FBO-A30-FD-001



MOVDIG : MOTORIZED OPERATED ON/OFF VALVE
VALVULA ON/OFF MOTORIZADA

MOVPOS : MOTORIZED OPERATED POSITIONABLE VALVE
VALVULA CON POSICIONAMIENTO MOTORIZADA

MOVCTRL : MOTORIZED OPERATED CONTROL VALVE
VALVULA DE CONTROL MOTORIZADA

POVDIG : PNEUMATIC OPERATED ON/OFF VALVE
VALVULA ON/OFF CON ACCIONAMIENTO NEUMATICO

POVPOS : PNEUMATIC OPERATED POSITIONABLE VALVE
VALVULA CON POSICIONAMIENTO Y ACCIONAMIENTO NEUMATICO

POVCTRL : PNEUMATIC OPERATED CONTROL VALVE
VALVULA DE CONTROL ACCIONAMIENTO NEUMATICO

REV	DATE	AUTHOR	CHECK BY	APPR BY	MODIFICATIONS
G	16-06-2003				UPDATED FUS
F	29-04-2003				UPDATED FUS
E	15-11-2002				UPDATED FUS
D	13-09-2002				UPDATED FUS
C	25-06-2002				UPDATED ACCORDING A.P. AS COMMENTS FUS
B	31-05-2002				UPDATED SPL COMMENTS FUS
A	07-05-2002				FIRST ISSUE

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STATUS		REVISIONS		160781-E01
PRELIMINARY FOR TENDERS	A	B	C	ORDER N°
FOR CONSTRUCTION				Engineer PH. BACHEZ
FOR CONSTRUCTION EXCEPT HOLD AS BUILT				Checker E. DUMONT
				Draftsman R. DIB

SUPPLIER NAME: **CMI HRSG** N°: 66071/00001/6
SPECIFICATION N°: NEHOM

COLBUN

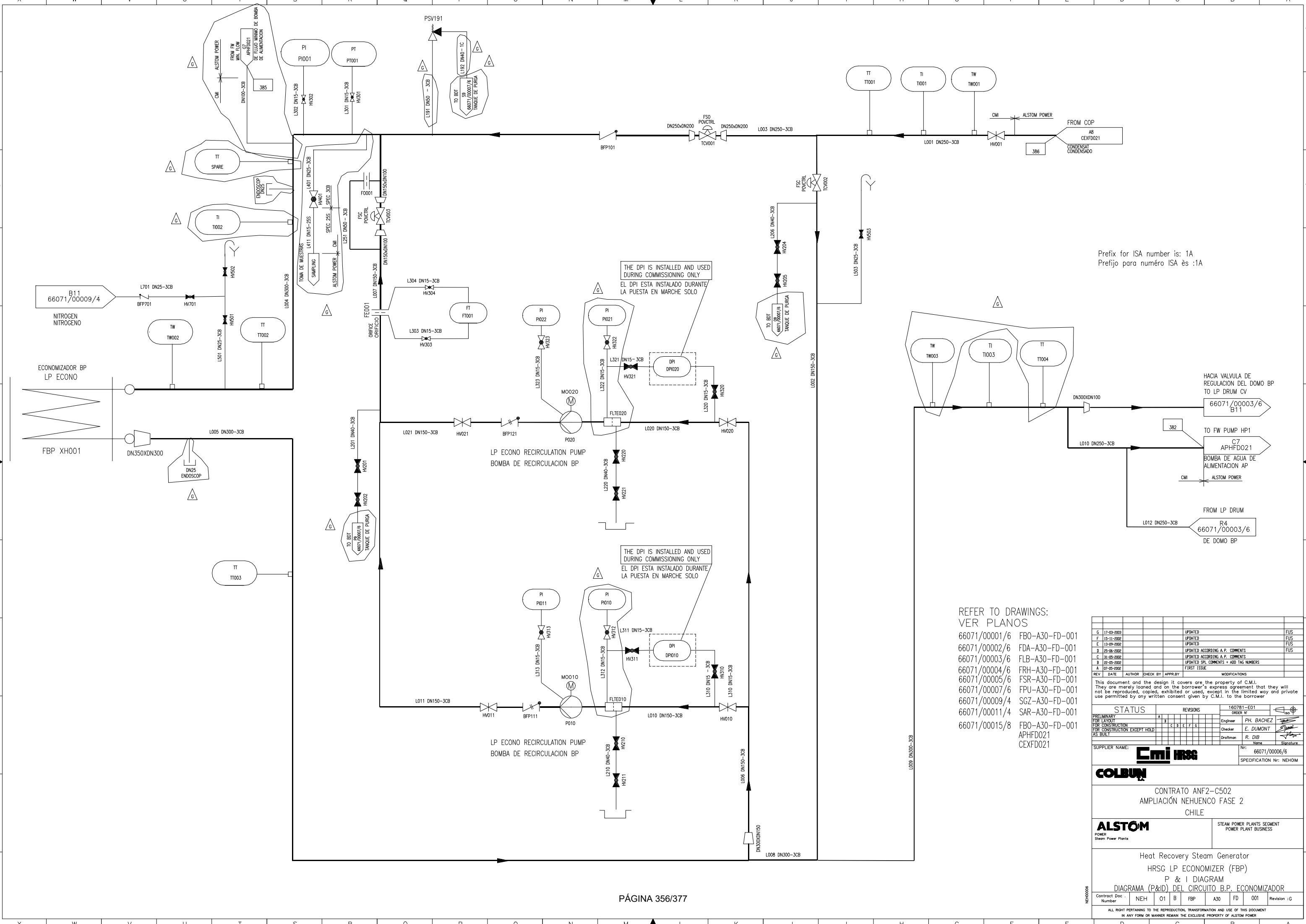
CONTRATO ANF2-C502
AMPLIACION NEHUENO FASE 2
CHILE

ALSTOM Steam Power Plants STEAM POWER PLANTS SEGMENT POWER PLANT BUSINESS

Heat Recovery Steam Generator
HRSG SYMBOLS FOR P&ID
P & I DIAGRAM
SIMBOLOS DE DIAGRAMAS DE TUBERIAS E INSTRUMENTACION

Contract Doc - Number: NEH 01 B FBO A30 FD 001 Revision: G

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Prefix for ISA number is: 1A
 Prefijo para número ISA es :1A

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 EL DPI ESTA INSTALADO DURANTE LA PUESTA EN MARCHÉ SOLO

THE DPI IS INSTALLED AND USED DURING COMMISSIONING ONLY
 EL DPI ESTA INSTALADO DURANTE LA PUESTA EN MARCHÉ SOLO

- REFER TO DRAWINGS:
 VER PLANOS
- 66071/00001/6 FBO-A30-FD-001
 - 66071/00002/6 FDA-A30-FD-001
 - 66071/00003/6 FLB-A30-FD-001
 - 66071/00004/6 FRH-A30-FD-001
 - 66071/00005/6 FSR-A30-FD-001
 - 66071/00007/6 FPU-A30-FD-001
 - 66071/00009/4 SGZ-A30-FD-001
 - 66071/00011/4 SAR-A30-FD-001
 - 66071/00015/8 FBO-A30-FD-001
 - APHFD021
 - CEXFD021

REV	DATE	AUTHOR	CHECK BY	APPROV BY	MODIFICATIONS
G	17-03-2003				UPDATED
F	15-11-2002				UPDATED
E	13-09-2002				UPDATED
D	25-06-2002				UPDATED ACCORDING A.P. COMMENTS
C	31-05-2002				UPDATED ACCORDING A.P. COMMENTS
B	22-05-2002				UPDATED SPL COMMENTS + ASD TAG NUMBERS
A	10-05-2002				FIRST ISSUE

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STATUS		REVISIONS		160781-ED1
PRELIMINARY		A	B	ORDER N°
FOR CONSTRUCTION		C	D	Engineer PH. BACHEZ
AS BUILT		E	F	Checker E. DUMONT
		G		Draftman R. DIB

SUPPLIER NAME: **CMI HSG** N°: 66071/00006/6
 SPECIFICATION N°: NEH01M

COLBUN

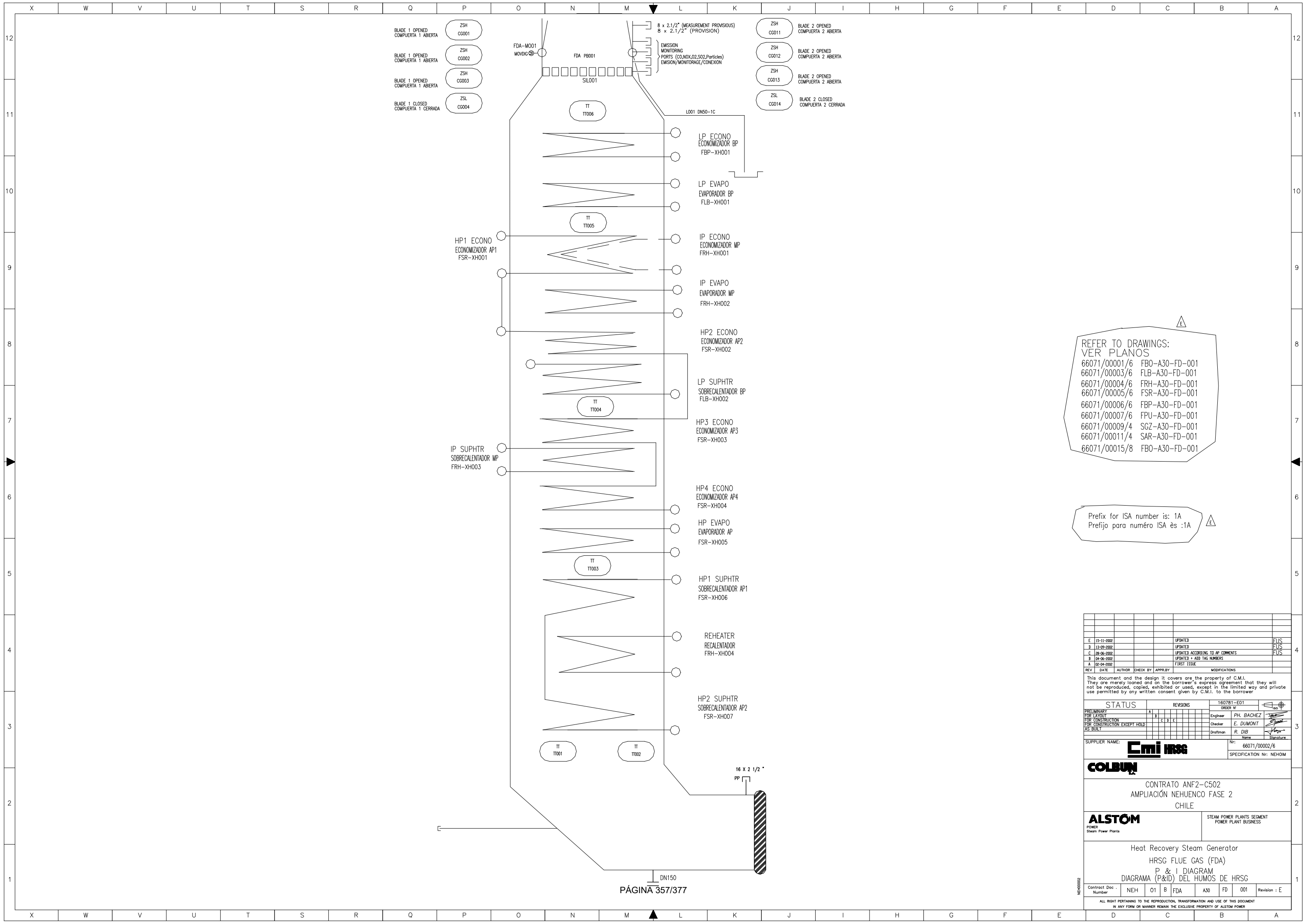
CONTRATO ANF2-C502
 AMPLIACIÓN NEHUENCO FASE 2
 CHILE

ALSTOM STEAM POWER PLANTS SEGMENT
 POWER Steam Power Plants

Heat Recovery Steam Generator
 HRSG LP ECONOMIZER (FBP)
 P & I DIAGRAM
 DIAGRAMA (P&I) DEL CIRCUITO B.P. ECONOMIZADOR

Contract Doc. Number	NEH	O1	B	FBP	A30	FD	001	Revision :G
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- BLADE 1 OPENED
COMPUERTA 1 ABIERTA (ZSH CG001)
- BLADE 1 OPENED
COMPUERTA 1 ABIERTA (ZSH CG002)
- BLADE 1 OPENED
COMPUERTA 1 ABIERTA (ZSH CG003)
- BLADE 1 CLOSED
COMPUERTA 1 CERRADA (ZSL CG004)

- BLADE 2 OPENED
COMPUERTA 2 ABIERTA (ZSH CG011)
- BLADE 2 OPENED
COMPUERTA 2 ABIERTA (ZSH CG012)
- BLADE 2 OPENED
COMPUERTA 2 ABIERTA (ZSH CG013)
- BLADE 2 CLOSED
COMPUERTA 2 CERRADA (ZSL CG014)

REFER TO DRAWINGS:
VER PLANOS

- 66071/00001/6 FBO-A30-FD-001
- 66071/00003/6 FLB-A30-FD-001
- 66071/00004/6 FRH-A30-FD-001
- 66071/00005/6 FSR-A30-FD-001
- 66071/00006/6 FBP-A30-FD-001
- 66071/00007/6 FPU-A30-FD-001
- 66071/00009/4 SGZ-A30-FD-001
- 66071/00011/4 SAR-A30-FD-001
- 66071/00015/8 FBO-A30-FD-001

Prefix for ISA number is: 1A
Prefijo para número ISA es :1A

REV	DATE	AUTHOR	CHECK BY	APPR BY	MODIFICATIONS
E	15-11-2002				UPDATED
D	13-09-2002				UPDATED
C	28-06-2002				UPDATED ACCORDING TO AP COMMENTS
B	04-06-2002				UPDATED + ADD TAG NUMBERS
A	02-04-2002				FIRST ISSUE

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STATUS		160781-ED1
PRELIMINARY	FOR CONSTRUCTION	FOR CONSTRUCTION EXCEPT HOLD
AS BUILT		

SUPPLIER NAME: **CMI HSG** N°: 66071/00002/6
SPECIFICATION N°: NEH01M

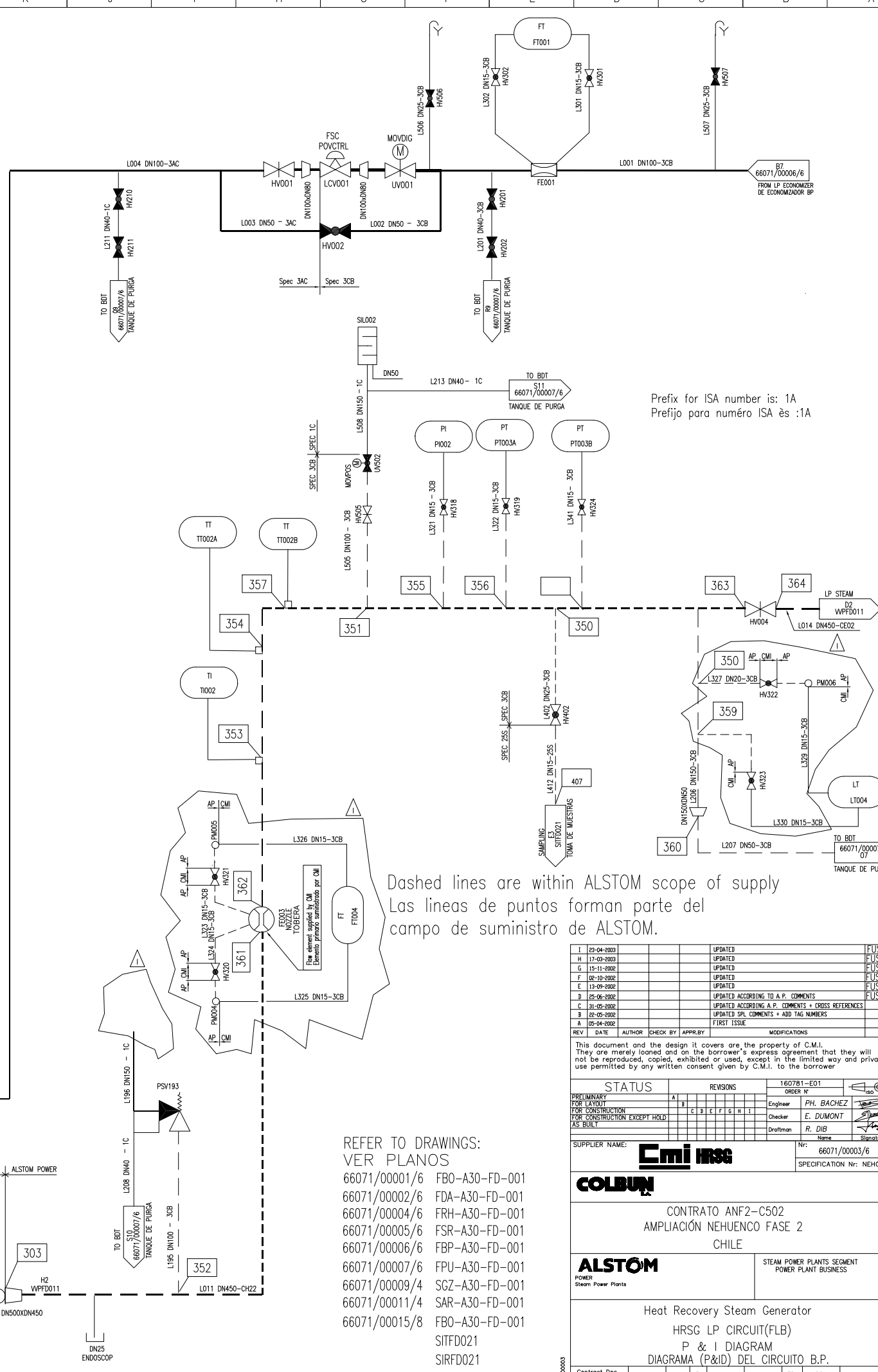
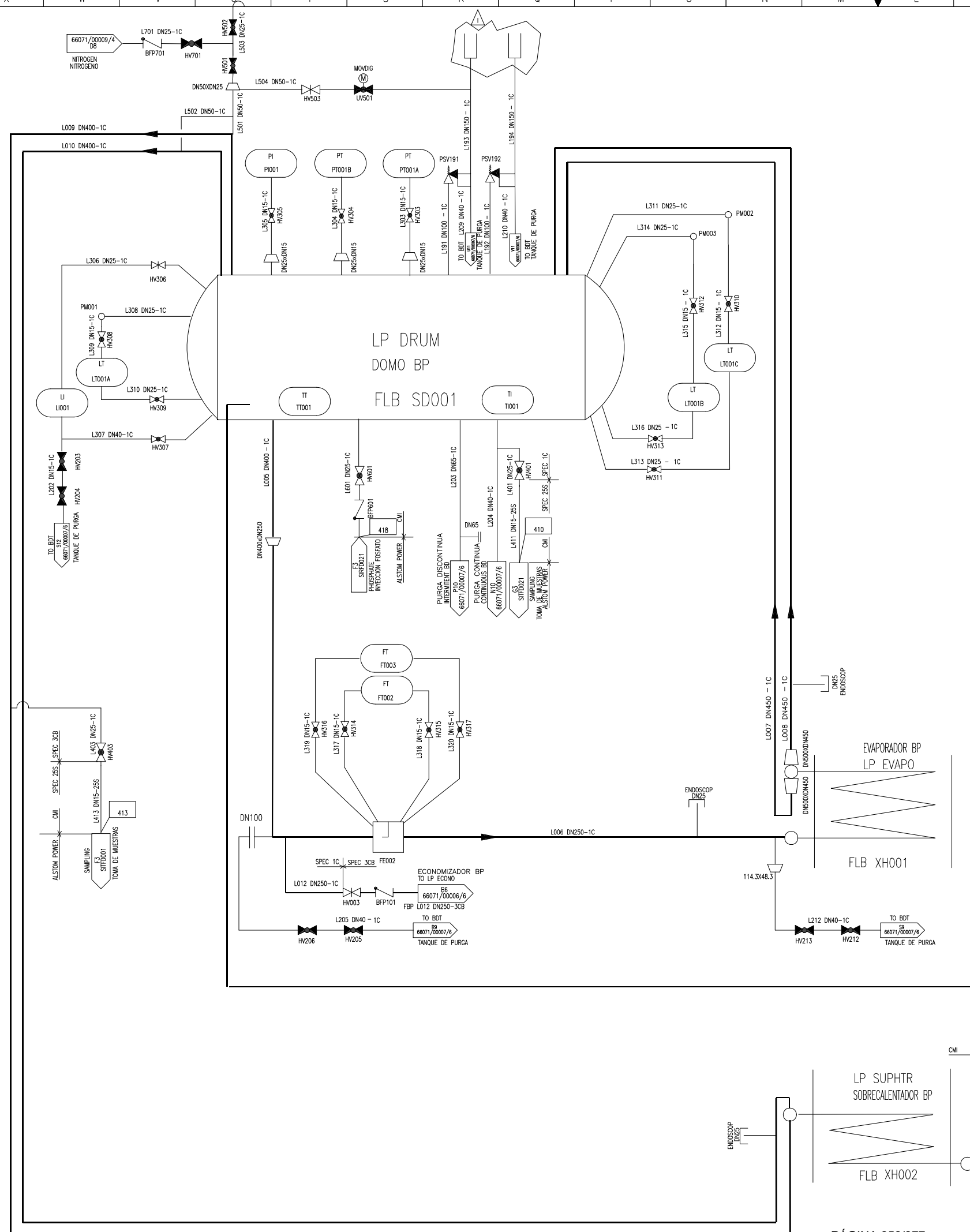
COLBUN
CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2
CHILE

ALSTOM POWER Steam Power Plants
STEAM POWER PLANTS SEGMENT
POWER PLANT BUSINESS

Heat Recovery Steam Generator
HRSG FLUE GAS (FDA)
P & I DIAGRAM
DIAGRAMA (P&I) DEL HUMOS DE HRSG

Contract Doc - Number	NEH	01	B	FDA	A30	FD	001	Revision : E
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Prefix for ISA number is: 1A
Prefijo para número ISA es :1A

Dashed lines are within ALSTOM scope of supply
Las líneas de puntos forman parte del campo de suministro de ALSTOM.

- REFER TO DRAWINGS:
VER PLANOS
- 66071/00001/6 FBO-A30-FD-001
 - 66071/00002/6 FDA-A30-FD-001
 - 66071/00004/6 FRH-A30-FD-001
 - 66071/00005/6 FSR-A30-FD-001
 - 66071/00006/6 FBP-A30-FD-001
 - 66071/00007/6 FPU-A30-FD-001
 - 66071/00009/4 SGZ-A30-FD-001
 - 66071/00011/4 SAR-A30-FD-001
 - 66071/00015/8 FBO-A30-FD-001
 - SIFD021
 - SIRFD021
 - WPFD011

REV	DATE	AUTHOR	CHECK BY	APPROV BY	MODIFICATIONS
I	23-04-2003				UPDATED
II	17-09-2003				UPDATED
G	15-11-2003				UPDATED
F	19-09-2002				UPDATED
E	19-09-2002				UPDATED
D	25-06-2002				UPDATED ACCORDING TO A.P. COMMENTS
C	31-05-2002				UPDATED ACCORDING TO A.P. COMMENTS + CROSS REFERENCES
B	22-05-2002				UPDATED SPL COMMENTS + ADD TAG NUMBERS
A	12-04-2002				FIRST ISSUE

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STATUS		REVISIONS		160781-E01
PRELIMINARY	A	B	C	Engineer PH. BACHEZ
FOR CONSTRUCTION				Checker E. DUMONT
FOR CONSTRUCTION EXCEPT HOLD				Draftman R. DIB
AS BUILT				

SUPPLIER NAME: **CMI HSB** N°: 66071/00003/6
COLBUN SPECIFICATION N°: NEHOIM

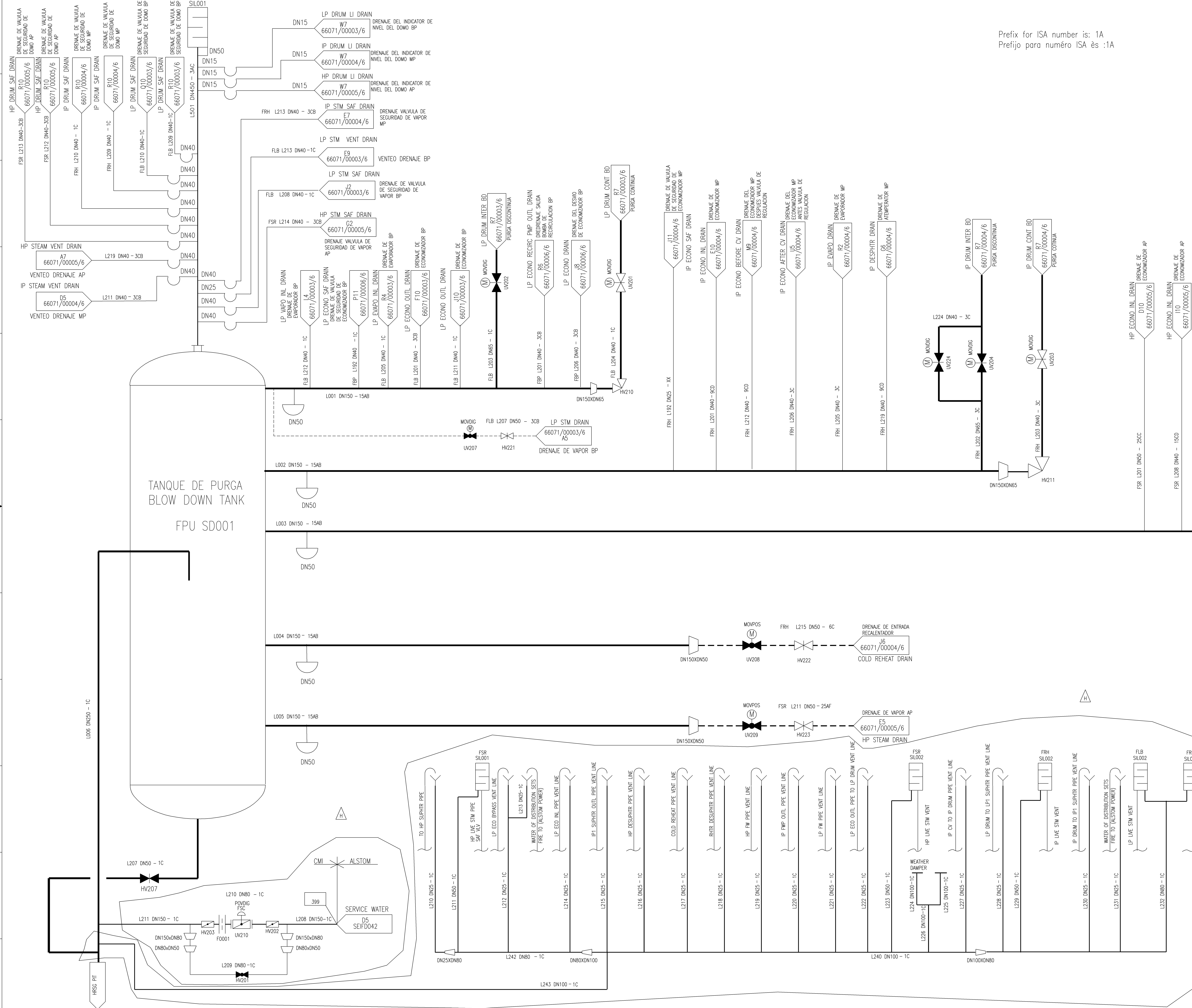
CONTRATO ANF2-C502
AMPLIACIÓN NEHUENCO FASE 2
CHILE

ALSTOM POWER Steam Power Plants
STEAM POWER PLANTS SEGMENT
POWER PLANT BUSINESS

Heat Recovery Steam Generator
HRSG LP CIRCUIT(FLB)
P & I DIAGRAM
DIAGRAMA (P&I) DEL CIRCUITO B.P.

Contract Doc. Number	NEH	O1	B	FLB	A30	FD	001	Revision : I
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Prefix for ISA number is: 1A
 Prefijo para número ISA es :1A

- REFER TO DRAWINGS:
 VER PLANOS
- 66071/00001/6 FBO-A30-FD-001
 - 66071/00002/6 FDA-A30-FD-001
 - 66071/00003/6 FLB-A30-FD-001
 - 66071/00004/6 FRH-A30-FD-001
 - 66071/00005/6 FSR-A30-FD-001
 - 66071/00006/6 FBP-A30-FD-001
 - 66071/00009/4 SGZ-A30-FD-001
 - 66071/00011/4 SAR-A30-FD-001
 - 66071/00015/8 FBO-A30-FD-001 SEIFD042

REV	DATE	AUTHOR	CHECK BY	APPR. BY	MODIFICATIONS
H	16-06-2003				UPDATED
G	17-03-2003				FUS
F	15-11-2002				FUS
E	13-09-2002				FUS
D	25-06-2002				FUS
C	10-06-2002				SELECTED IN THE 3RD SMALL VALVE
B	31-05-2002				UPDATED A. R. COMMENTS + ADD TAG NUMBERS
A	15-05-2002				FIRST ISSUE

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STATUS	REVISIONS	ORDER N°
PRELIMINARY FOR TENDERS	A	160781-E01
FOR CONSTRUCTION	B	
FOR CONSTRUCTION EXCEPT HOLD	C	
AS BUILT	D	

SUPPLIER NAME: **CMi HRSG**

Project: **CONTRATO ANF2-C502 AMPLIACIÓN NEHUENCO FASE 2 CHILE**

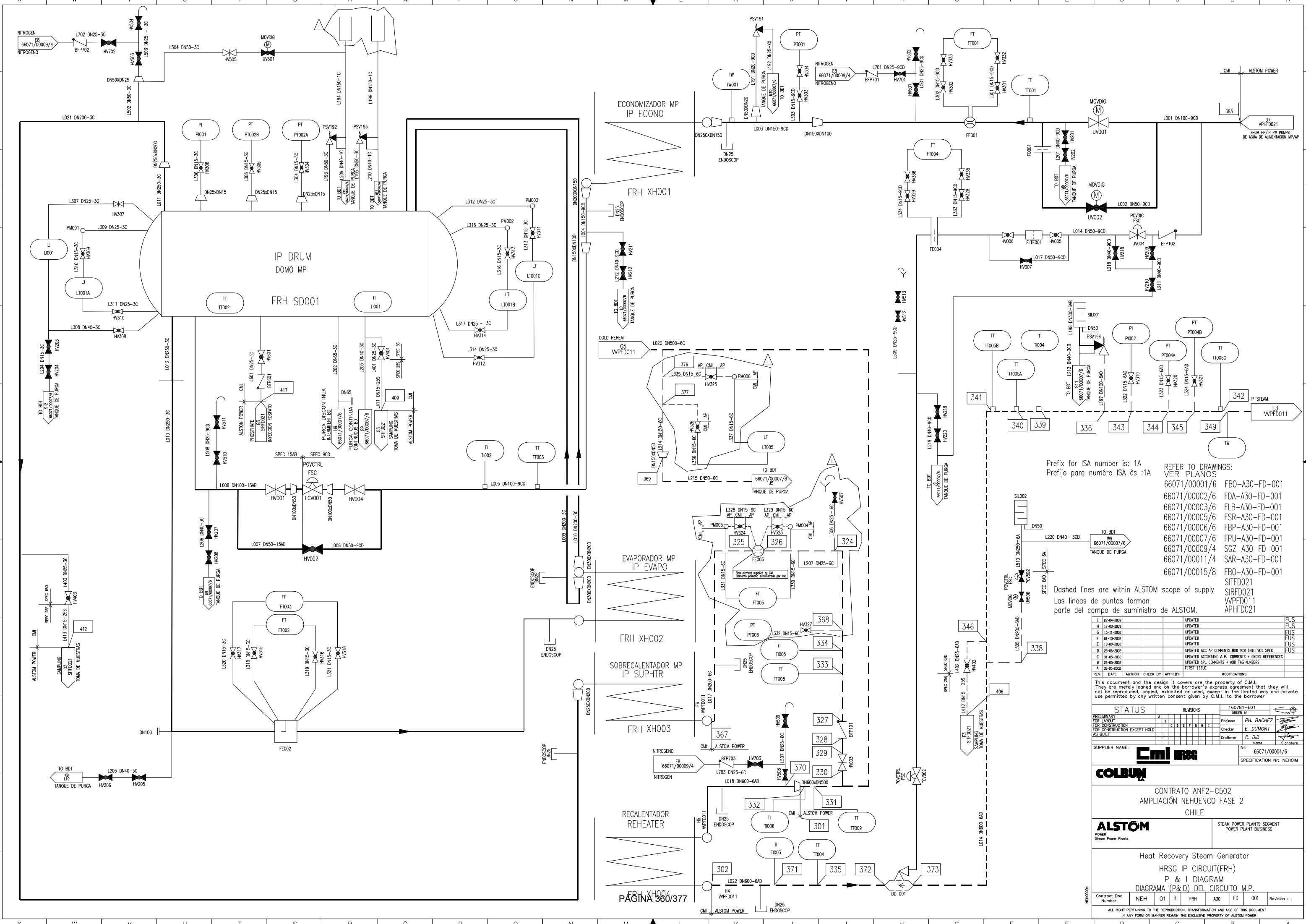
Client: **ALSTOM** (STEAM POWER PLANTS SEGMENT, POWER PLANT BUSINESS)

Product: **Heat Recovery Steam Generator HRSG BLOW DOWN TANK CIRCUIT (FPU)**

Diagram: **P & I DIAGRAM DIAGRAMA (P&ID) DEL TANQUE DE PURGA**

Contract Doc Number: **NEH 01 B FPU A30 FD 001** | Revision: **H**

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 Prefijo para número ISA es :1A

REFER TO DRAWINGS:
 VER PLANOS:

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- 66071/00002/6 FDA-A30-FD-001
- 66071/00003/6 FLB-A30-FD-001
- 66071/00005/6 FSR-A30-FD-001
- 66071/00006/6 FBP-A30-FD-001
- 66071/00007/6 FPU-A30-FD-001
- 66071/00009/4 SGZ-A30-FD-001
- 66071/00011/4 SAR-A30-FD-001
- 66071/00015/8 FBO-A30-FD-001
- SITFD021
- SIRFD021
- WPFDD011
- APHFD021

Dashed lines are within ALSTOM scope of supply
 Las líneas de puntos forman parte del campo de suministro de ALSTOM.

REV	DATE	AUTHOR	CHECK BY	APPROV.	MODIFICATIONS
I	25-04-2003				ISSUE
M	13-09-2003				ISSUE
G	15-11-2003				ISSUE
F	10-10-2002				ISSUE
E	19-09-2002				ISSUE
D	25-06-2002				ISSUE
C	31-05-2002				ISSUE
B	22-05-2002				ISSUE
A	22-05-2002				ISSUE

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STATUS		REVISIONS		160781-E01
PRELIMINARY		A		ORDER N°
FOR CONSTRUCTION		B		Engineer PH. BACHEZ
FOR CONSTRUCTION EXCEPT HOLD		C		Checker E. DUMONT
AS BUILT		D		Draftman R. DIB

SUPPLIER NAME: **CMI HSG** N°: 66071/00004/6
COLBUN SPECIFICATION N°: NEH0M

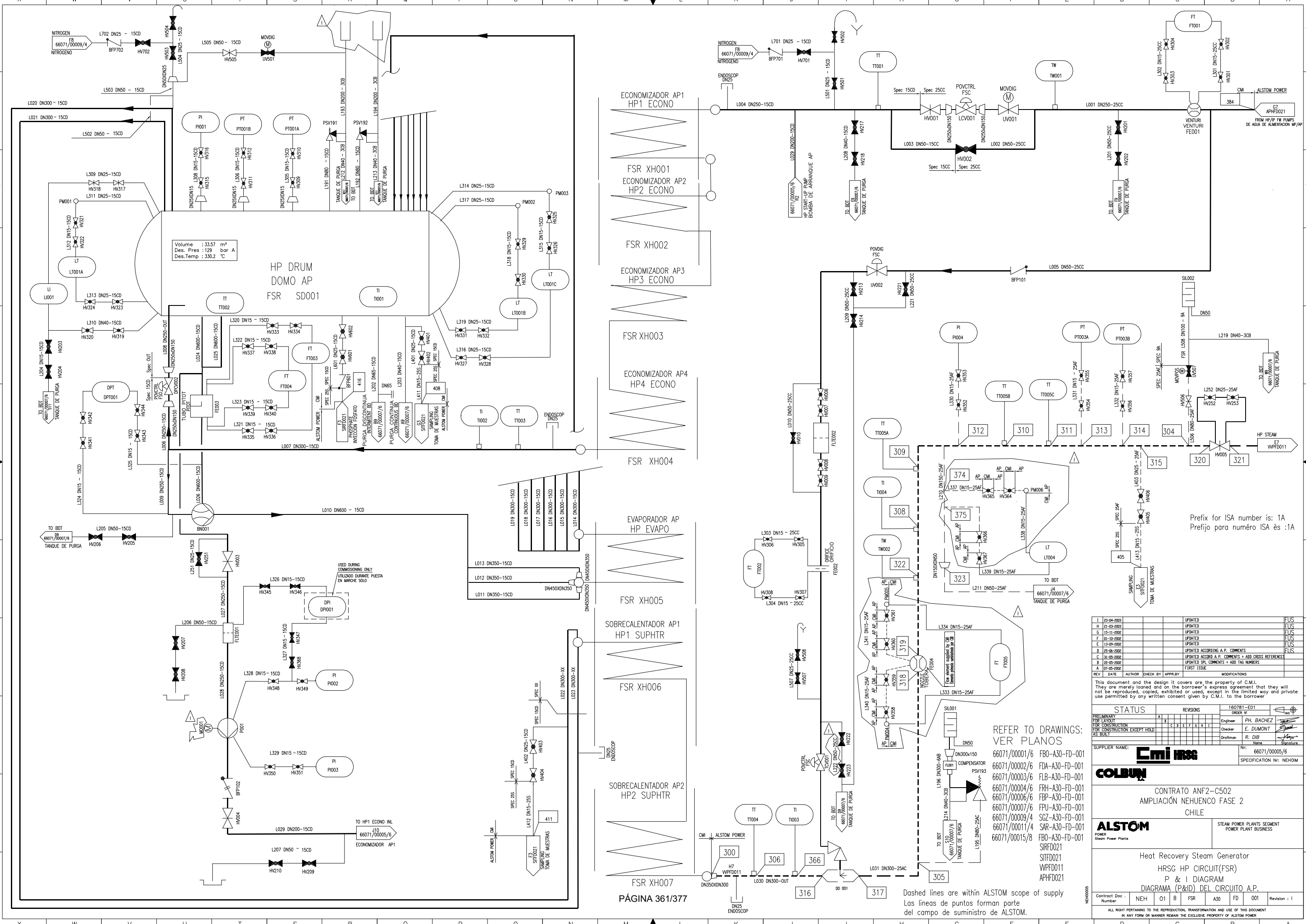
CONTRATO ANF2-C502
 AMPLIACION NEHUENCO FASE 2
 CHILE

ALSTOM
 POWER PLANTS
 Steam Power Plants

Heat Recovery Steam Generator
 HRSG IP CIRCUIT(FRH)
 P & I DIAGRAM
 DIAGRAMA (P&I) DEL CIRCUITO M.P.

Contract Doc. Number	NEH	O1	B	FRH	A30	FD	001	Revision : 1
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REFER TO DRAWINGS:
VER PLANOS

- 66071/00001/6 FBO-A30-FD-001
- 66071/00002/6 FDA-A30-FD-001
- 66071/00003/6 FLB-A30-FD-001
- 66071/00004/6 FRH-A30-FD-001
- 66071/00006/6 FBP-A30-FD-001
- 66071/00007/6 FPU-A30-FD-001
- 66071/00009/4 SGZ-A30-FD-001
- 66071/00011/4 SAR-A30-FD-001
- 66071/00015/8 FBO-A30-FD-001

Dashed lines are within ALSTOM scope of supply
Las líneas de puntos forman parte del campo de suministro de ALSTOM.

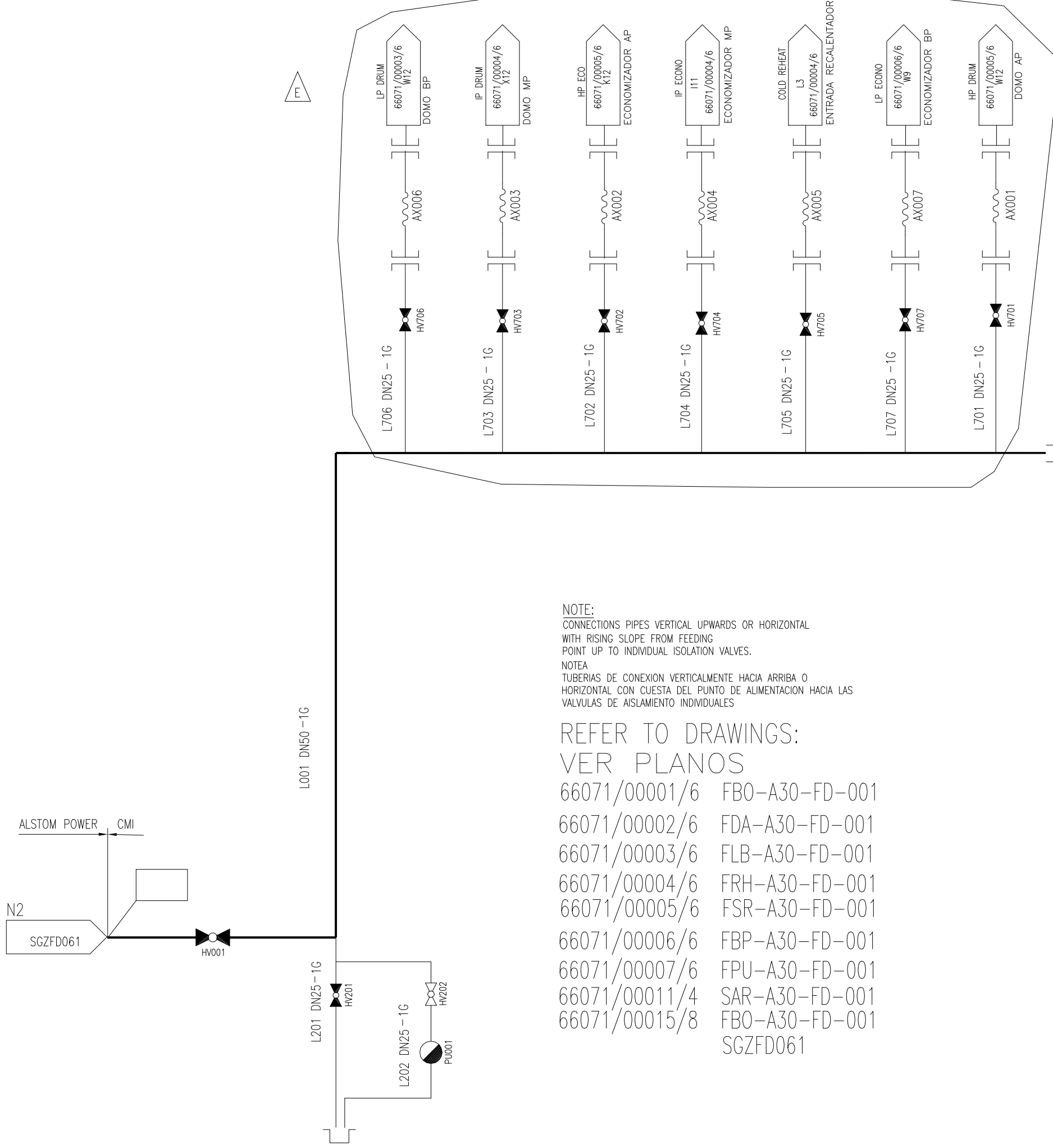
REV	DATE	AUTHOR	CHECK BY	APPROV.	MODIFICATIONS
I	23-04-2003				UPDATED
II	21-09-2003				UPDATED
G	15-11-2003				UPDATED
F	10-10-2002				UPDATED
E	19-09-2002				UPDATED
D	25-06-2002				UPDATED ACCORDING A.P. COMMENTS
C	31-05-2002				UPDATED ACCORDING A.P. COMMENTS + ADD CROSS REFERENCES
B	22-05-2002				UPDATED SP. COMMENTS + ADD TAG NUMBERS
A	01-05-2002				FIRST ISSUE

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STATUS		REVISIONS		160781-ED1
PRELIMINARY	A			Order N°
FOR CONSTRUCTION	B			Engineer PH. BACHEZ
FOR CONSTRUCTION EXCEPT HOLD	C			Checker E. DUMONT
AS BUILT	D			Draftman R. DIB

SUPPLIER NAME: CMI HSB		Nr: 66071/00005/6
COLBUN		SPECIFICATION Nr: NEHOM
CONTRATO ANF2-C502 AMPLIACIÓN NEHUENCO FASE 2 CHILE		
ALSTOM POWER Steam Power Plants		STEAM POWER PLANTS SEGMENT POWER PLANT BUSINESS
Heat Recovery Steam Generator HRSG HP CIRCUIT(FSR) P & I DIAGRAM DIAGRAMA (P&I) DEL CIRCUITO A.P.		

Contract Doc. Number	NEH	O1	B	FSR	A30	FD	001	Revision : I
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Prefix for ISA number is: 1A
 Prefijo para número ISA ès :1A

NOTE:
 CONNECTIONS PIPES VERTICAL UPWARDS OR HORIZONTAL
 WITH RISING SLOPE FROM FEEDING
 POINT UP TO INDIVIDUAL ISOLATION VALVES.
 NOTA
 TUBERIAS DE CONEXION VERTICALMENTE HACIA ARRIBA O
 HORIZONTAL CON CUESTA DEL PUNTO DE ALIMENTACION HACIA LAS
 VALVULAS DE AISLAMIENTO INDIVIDUALES

- REFER TO DRAWINGS:
 VER PLANOS
- 66071/00001/6 FBO-A30-FD-001
 - 66071/00002/6 FDA-A30-FD-001
 - 66071/00003/6 FLB-A30-FD-001
 - 66071/00004/6 FRH-A30-FD-001
 - 66071/00005/6 FSR-A30-FD-001
 - 66071/00006/6 FBP-A30-FD-001
 - 66071/00007/6 FPU-A30-FD-001
 - 66071/00011/4 SAR-A30-FD-001
 - 66071/00015/8 FBO-A30-FD-001
 - SGZFD061

REV	DATE	AUTHOR	CHECK BY	APPR. BY	MODIFICATIONS
E	20-03-2003				UPDATED FUS
D	15-11-2002				UPDATED FUS
C	13-09-2002				UPDATED FUS
B	25-06-2002				HEADER UPDATED FUS
A	03-06-2002				FIRST ISSUE

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STATUS		REVISIONS					160781-E01 ORDER N°	ISO
PRELIMINARY FOR LAYOUT	A						Engineer	PH. BACHEZ
FOR CONSTRUCTION		B	C	D	E		Checker	E. DUMONT
FOR CONSTRUCTION EXCEPT HOLD AS BUILT							Draftman	R. DIB
							Name	Signature

SUPPLIER NAME: **Emi HRSG** Nr: 66071/00009/4
 SPECIFICATION Nr: NEHOIM

COLBUN
 CONTRATO ANF2-C502
 AMPLIACIÓN NEHUENCO FASE 2
 CHILE

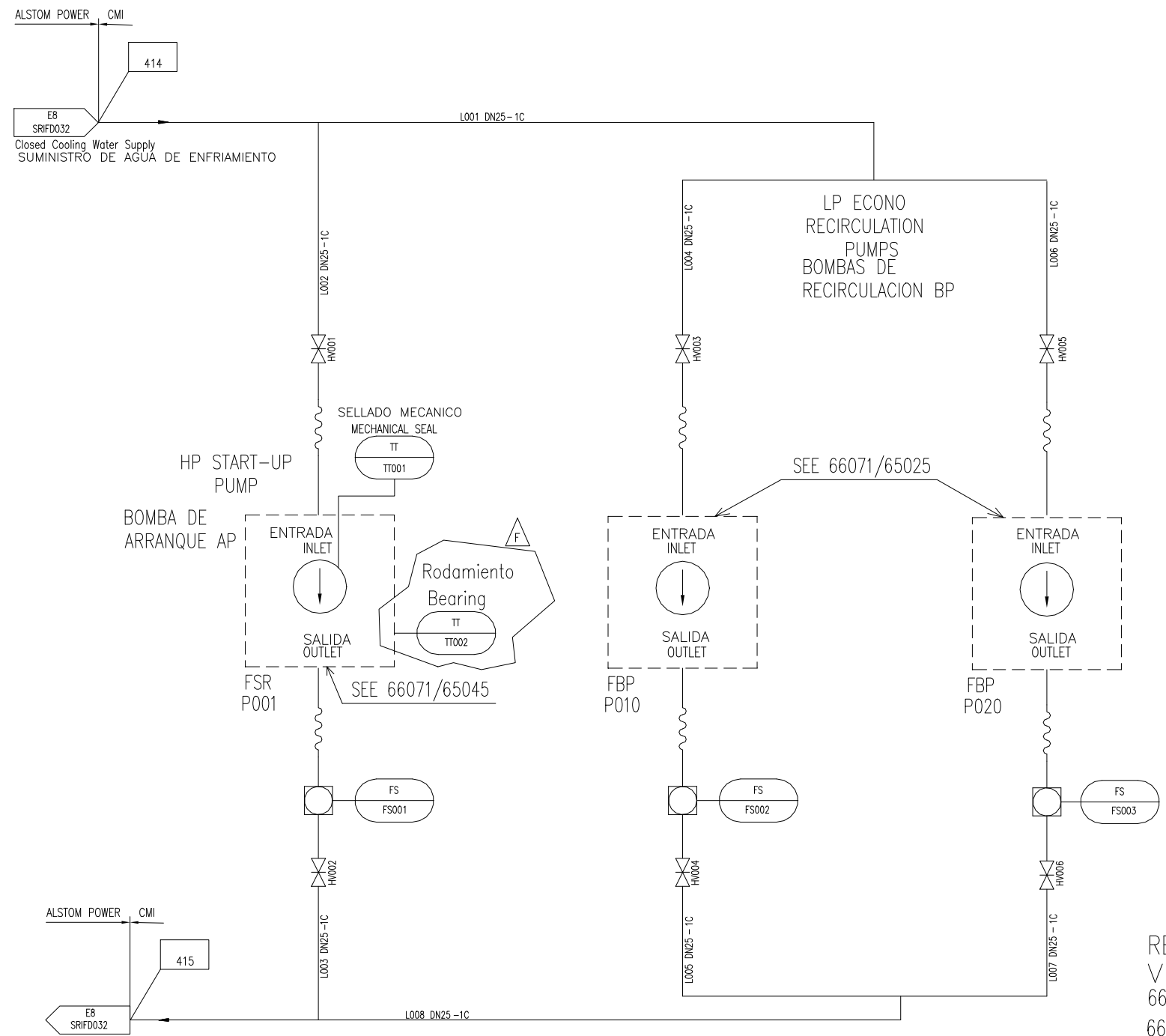
ALSTOM POWER Steam Power Plants
 STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS

Heat Recovery Steam Generator
 HRSG Nitrogen Injection
 P & I DIAGRAM
 DIAGRAMA (P&ID) DEL INYECCION NITROGENO

Contract Doc. Number	NEH	01	B	SGZ	A30	FD	001	Revision : E
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NEH00009



Prefix for ISA number is: 11
 Prefijo para número ISA es :11

- REFER TO DRAWINGS:
 VER PLANOS
- 66071/00001/6 FBO-A30-FD-001
 - 66071/00002/6 FDA-A30-FD-001
 - 66071/00003/6 FLB-A30-FD-001
 - 66071/00004/6 FRH-A30-FD-001
 - 66071/00005/6 FSR-A30-FD-001
 - 66071/00006/6 FBP-A30-FD-001
 - 66071/00007/6 FPU-A30-FD-001
 - 66071/00009/4 SGZ-A30-FD-001
 - 66071/00011/4 SAR-A30-FD-001
 - SRIFD032
 - 66071/65045 NEH-01-B-B65-A30-DD151
 - 66071/65025 NEH-01-B-B65-A30-DD150

REV	DATE	AUTHOR	CHECK BY	APPR. BY	FIRST ISSUE	MODIFICATIONS
F	22-04-2003				UPDATED	FUS
E	17-03-2003				UPDATED	FUS
D	15-11-2002				UPDATED	FUS
C	13-09-2002				UPDATED	FUS
B	17-07-2002				ADD TAG NUMBER	FUS
A	03-04-2002				FIRST ISSUE	PRE

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STATUS		REVISIONS						160781-E01 ORDER N°	ISO
PRELIMINARY FOR LAYOUT	A	B	C	D	E	F	Engineer	PH. BACHEZ	
FOR CONSTRUCTION							Checker	DI PUMA G.	
FOR CONSTRUCTION EXCEPT HOLD							Draftman	R. DIB	
AS BUILT							Name	Signature	

SUPPLIER NAME: **Cmi HRSG** Nr: 66071/00015/8
 SPECIFICATION Nr: NEHOIM

COLBUN

CONTRATO ANF2-C502
 AMPLIACIÓN NEHUENCO FASE 2
 CHILE

ALSTOM POWER Steam Power Plants
 STEAM POWER PLANTS SEGMENT
 POWER PLANT BUSINESS

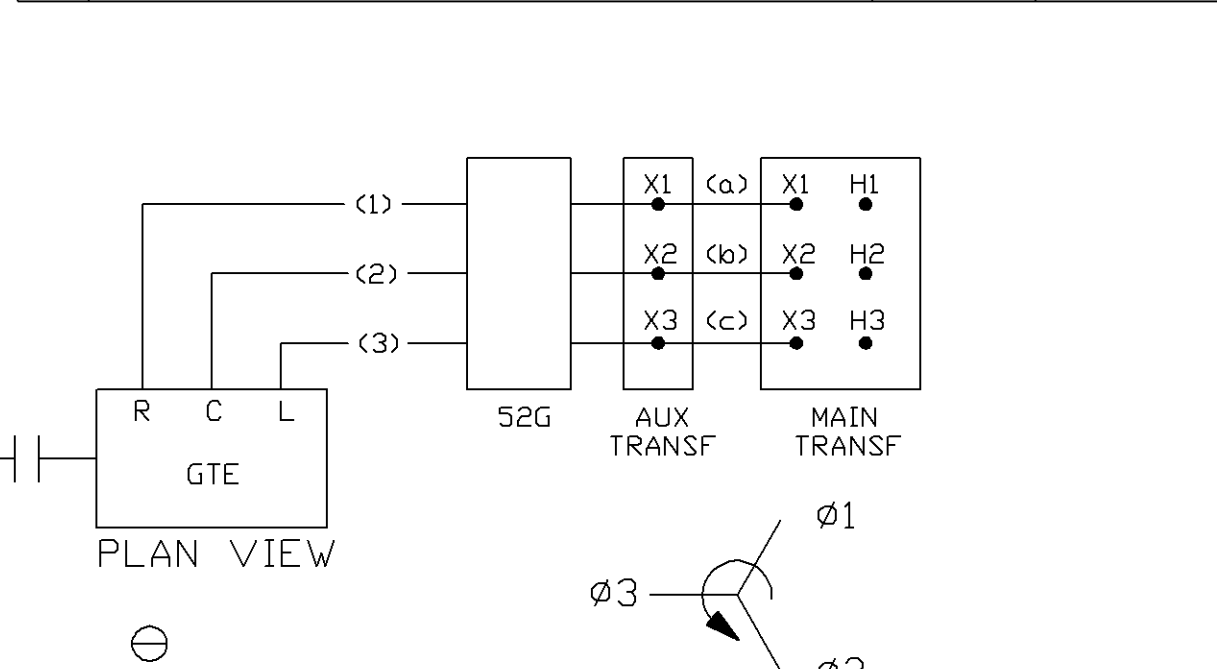
Heat Recovery Steam Generator
 HRSG Pump Cooling Water System
 P & I DIAGRAM
 DIAGRAMA (P&ID) CERRADO DE AGUA DE SERVICIO

Contract Doc Number: NEH 01 B SR A30 FD 001 Revision: F

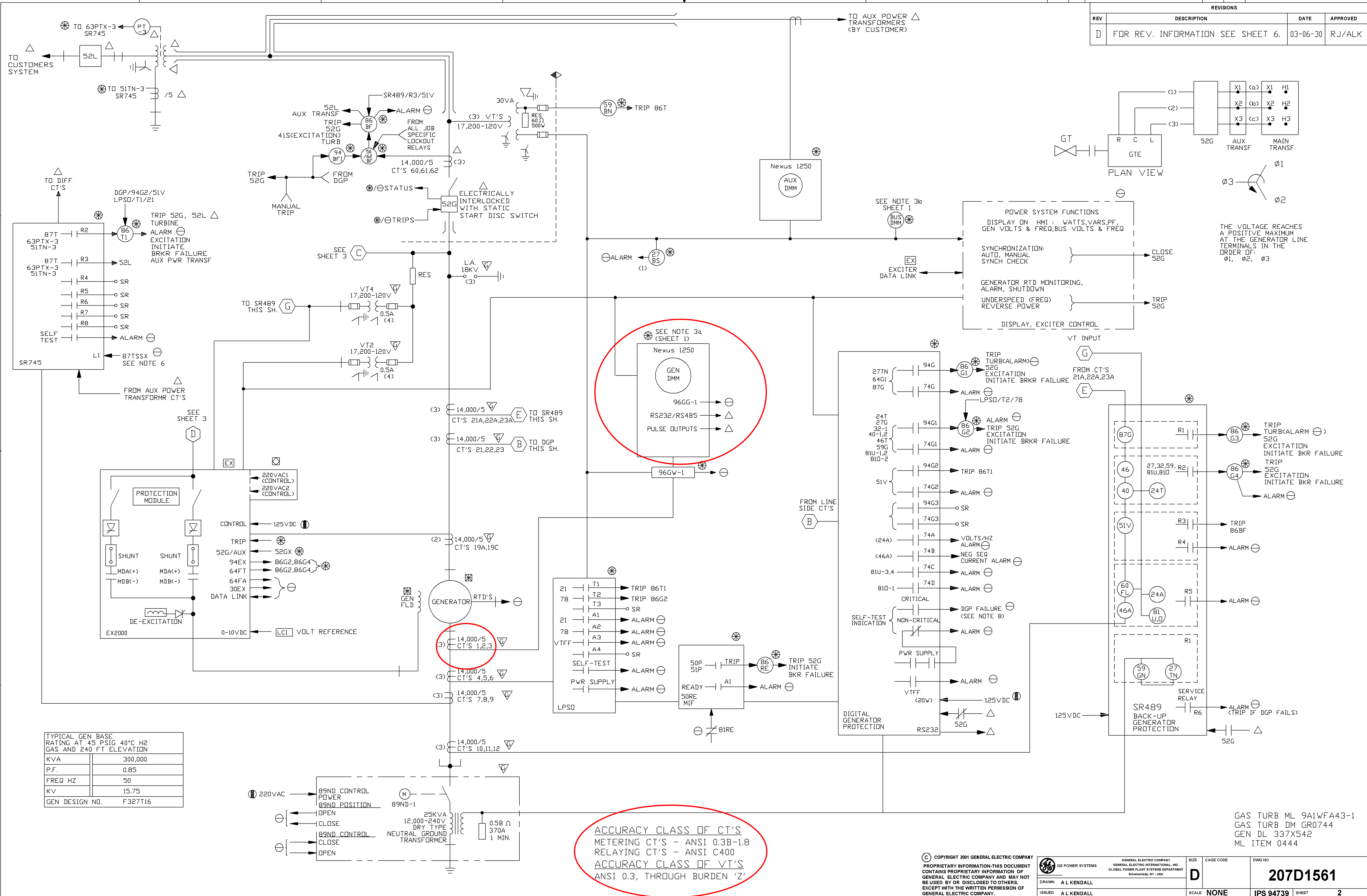
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NAME: R:\2001\512m1097\0444-207d1561.dwg DATE: JUN 30, 2003 TIME: 2:27 PM

REV	DESCRIPTION	DATE	APPROVED
D	FOR REV. INFORMATION SEE SHEET 6.	03-06-30	RJ/ALK



THE VOLTAGE REACHES A POSITIVE MAXIMUM AT THE GENERATOR LINE TERMINALS IN THE ORDER OF: 01, 02, 03



TYPICAL GEN BASE RATING AT 45 PSIG 40°C H2 GAS AND 240 FT ELEVATION	
KVA	300,000
P.F.	0.85
FREQ HZ	50
KV	15.75
GEN DESIGN NO.	F327T16

ACCURACY CLASS OF CT'S
METERING CT'S - ANSI 0.3B-1.8
RELAYING CT'S - ANSI C400
ACCURACY CLASS OF VT'S
ANSI 0.3, THROUGH BURDEN 'Z'

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GE POWER SYSTEMS	GENERAL ELECTRIC COMPANY GLOBAL POWER PLANT SYSTEMS DEPARTMENT	SIZE	CAGE CODE	DWG NO
D	D	D	D	207D1561
DRAWN	A L KENDALL	ISSUED	A L KENDALL	SCALE
NONE	IPS 94739	SHEET	2	

GAS TURB ML 9A1WFA43-1
GAS TURB DM GR0744
GEN DL 337X542
ML ITEM 0444

8 DT-7N

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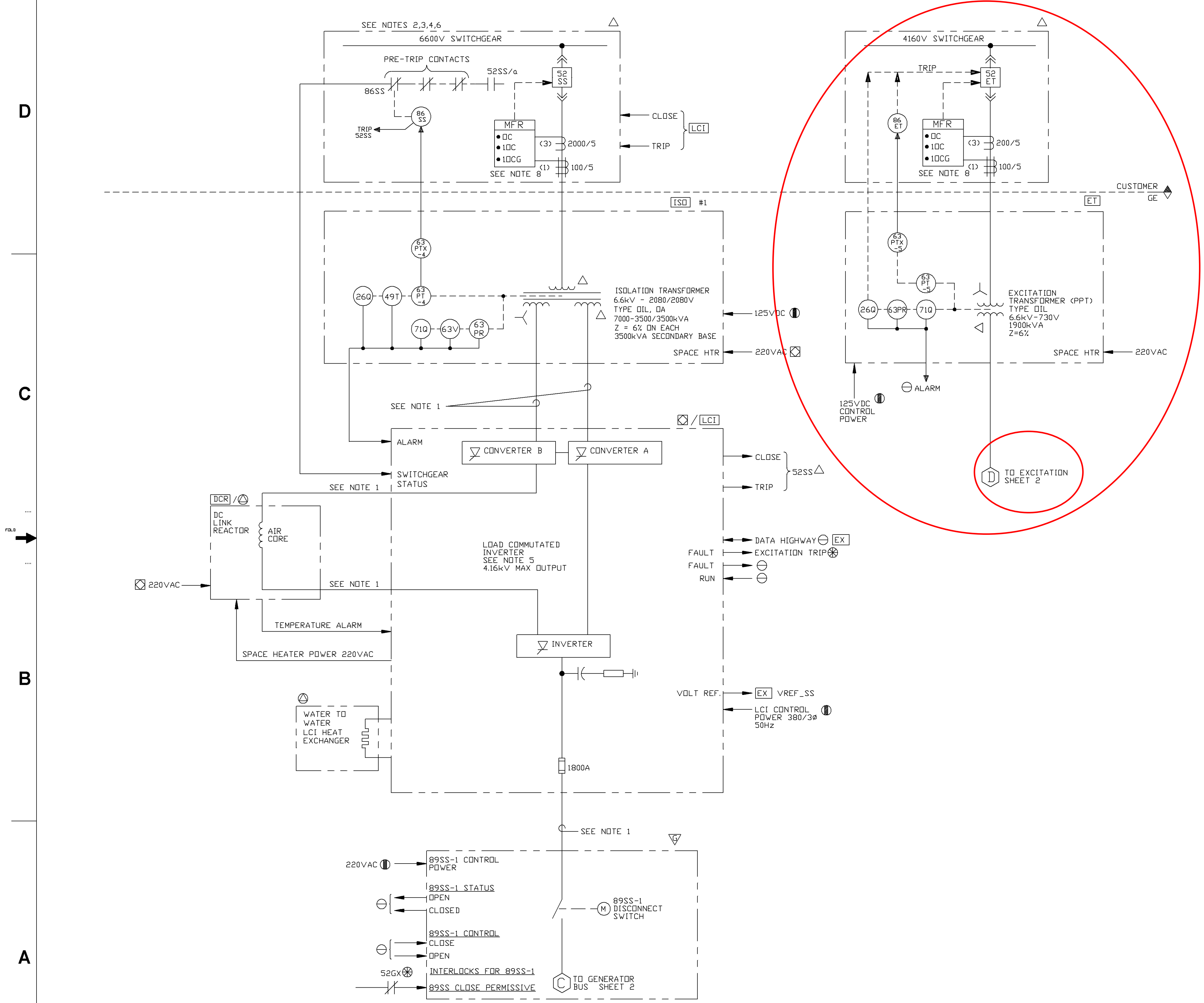
3

2

1

NAME: R:\2001\512m1097\ 0444-207d1561.dwg DATE: JUN 30, 2003 TIME: 2:28 PM

SIZE	D	DWG NO	207D1561	SHEET	3	REV	D
REVISIONS		DATE	APPROVED				
REV	DESCRIPTION						
D	FOR REV. INFORMATION SEE SHEET 6.	03-06-30	RJ/ALK				



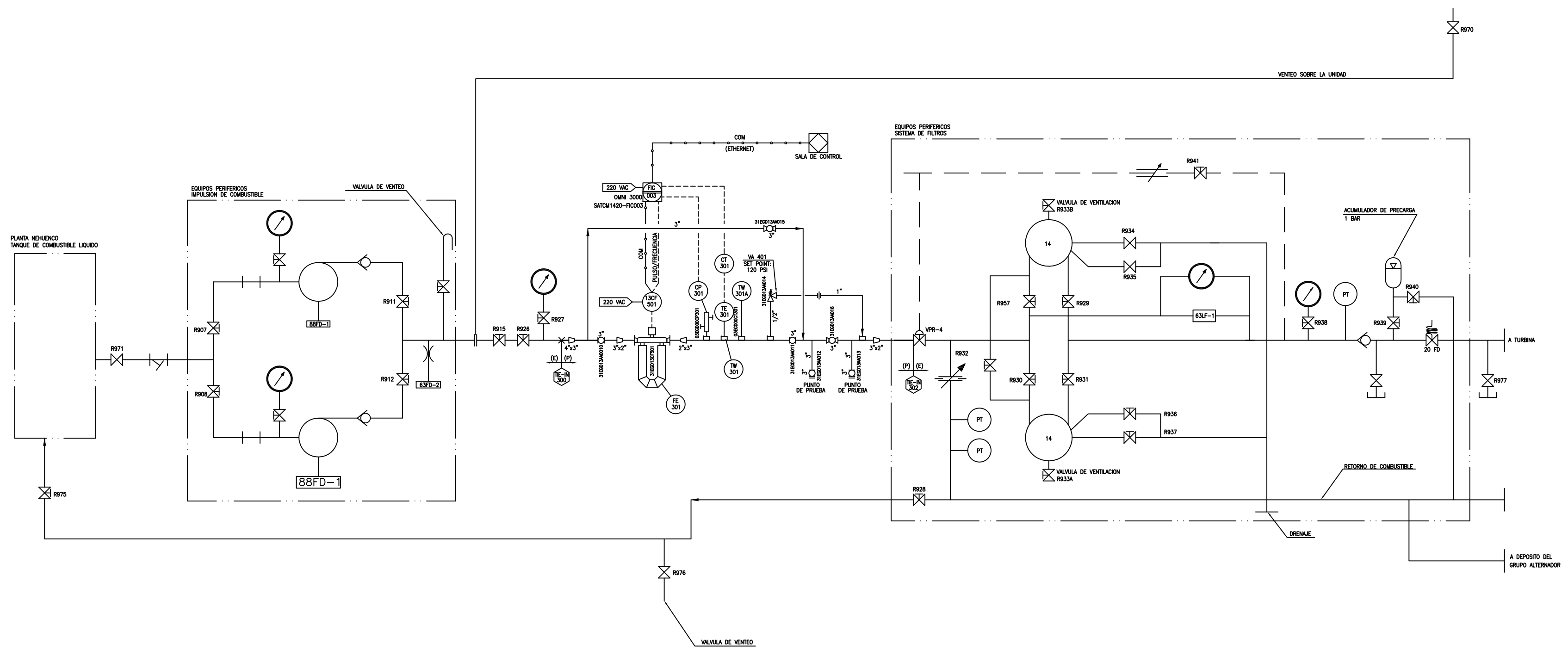
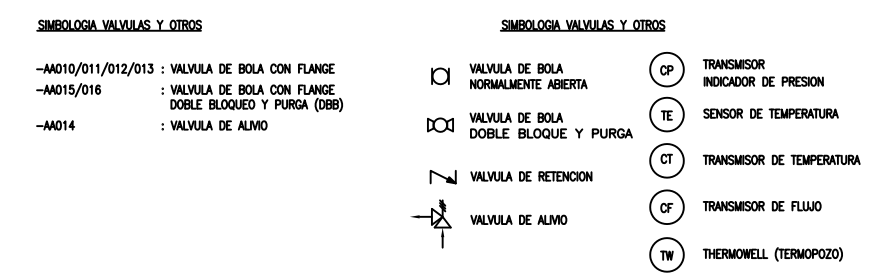
NOTES:

- FOR PROPER OPERATION OF THE LCI, ALL CABLES FOR THE STATIC START SYSTEM SHALL BE 5kV INSULATION (MINIMUM) UNSHIELDED. IF SHIELDED CABLE IS USED, THE MAXIMUM SINGLE PHASE CAPACITANCE TO GROUND SHALL NOT EXCEED THE FOLLOWING VALUES:
 - ISOLATION TRANSFORMER TO LCI SOURCE BRIDGE: 0.125uFd PER PHASE.
 - DC LINK REACTOR CIRCUIT: 0.125uFd PER POLARITY
 - LCI LOAD BRIDGE TO GENERATOR(S): 0.125uFd PER PHASE
- CUSTOMER'S AUXILIARY BUS IS TO HAVE SHORT CIRCUIT AVAILABLE CURRENT OF 250MVA MINIMUM. REDUCED AMOUNTS OF BUS WILL RESULT IN INCREASED LEVELS OF VOLTAGE AND CURRENT DISTORTION. REFERENCE IEEE 519-1993 HARMONIC CONTROL AND REACTIVE COMPENSATION OF STATIC POWER CONVERTERS FOR ADDITIONAL INFORMATION. CUSTOMER IS TO SPECIFY SHORT CIRCUIT MVA AS PART OF ONE-LINE DIAGRAM APPROVAL PROCESS. AUXILIARY BUS ACTUAL AVAILABLE SHORT CIRCUIT MVA = LATER BY CUSTOMER.
- AUTOMATIC CONTROL OF THE LCI FEEDER BREAKER IS FROM THE LCI.
- THE PRETRIP CONTACT OPENS WHEN A TRIP IS INITIATED BY DEVICES OTHER THEN THE LCI DRIVE. EXAMPLES ARE THE 86SS RELAY AND THE CONTROL SIGNALS THAT INITIATE THE TRIP OF THE FEEDER BREAKER. THE 52/a CONTACT MUST BE SUPPLIED TO PROVIDE THE LCI WITH POSITION STATUS (OPEN/CLOSED) OF THE FEEDER BREAKER.
- 12 PULSE SOURCE/6 PULSE LOAD WATER COOLED LCI SHOWN.
- STATIC STARTING REQUIRES 7000kVA STEADY STATE AND 11528kVA TRANSIENTLY FOR 5 MINUTES EACH START.
- FOR CUSTOMER SUPPLIED COOLING WATER SYSTEM, COOLING WATER MUST BE SUPPLIED TO THE LCI HEAT EXCHANGER WHENEVER THE LCI IS IN OPERATION.
- MFR IS A MULTI-FUNCTION FEEDER PROTECTIVE RELAY AND CONSISTS OF THE FOLLOWING:
 - TIME OVERCURRENT (IOC)
 - INSTANTANEOUS TIME OVERCURRENT (IOCG)
 - GROUND FAULT (IOCG)

GAS TURB ML 9A1WFA43-1
 GAS TURB DM GR0744
 GEN DL 337X542
 ML ITEM 0444

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GE POWER SYSTEMS	GENERAL ELECTRIC COMPANY GLOBAL POWER PLANT SYSTEMS DEPARTMENT Schenectady, NY - USA	SIZE	CAGE CODE	DWG NO
D				207D1561
DRAWN	A L KENDALL	SCALE	NONE	ISSUED
ISSUED	A L KENDALL			IPS 94739
				SHEET 3



R E V I S I O N			
REV.	FECHA	POR	DESCRIPCION
A	28.07.14	F.O.U.	EMITIDO PARA REVISION Y COMENTARIOS
1	30.12.14	H.V.P.	AS-BUILT

R E F E R E N C I A S			
PLANO N°	DESCRIPCION	PLANO N°	DESCRIPCION

N° PLANO TECMEL : 1408-PR-103			
DISEÑO	TECMEL	FECHA	FIRMA
DIBUJO	A.L.Z.	JUL. 2014	
REVISO 1	W.D.P.	JUL. 2014	
REVISO 2	T.G.	JUL. 2014	
APROBO	TECMEL	JUL. 2014	

CENTRAL TERMOELECTRICA NEHUENCO			
PROYECTO : MEJORAS INSTALACIONES DE COMBUSTIBLES NEHUENCO III			
MATERIA : P&ID			
APROBO	PROYECTO	REVISO	FECHA
-	TECMEL	-	JULIO 2014
ESCALA : SIN ESCALA			
SATCM-1420-DWG-PR-103			

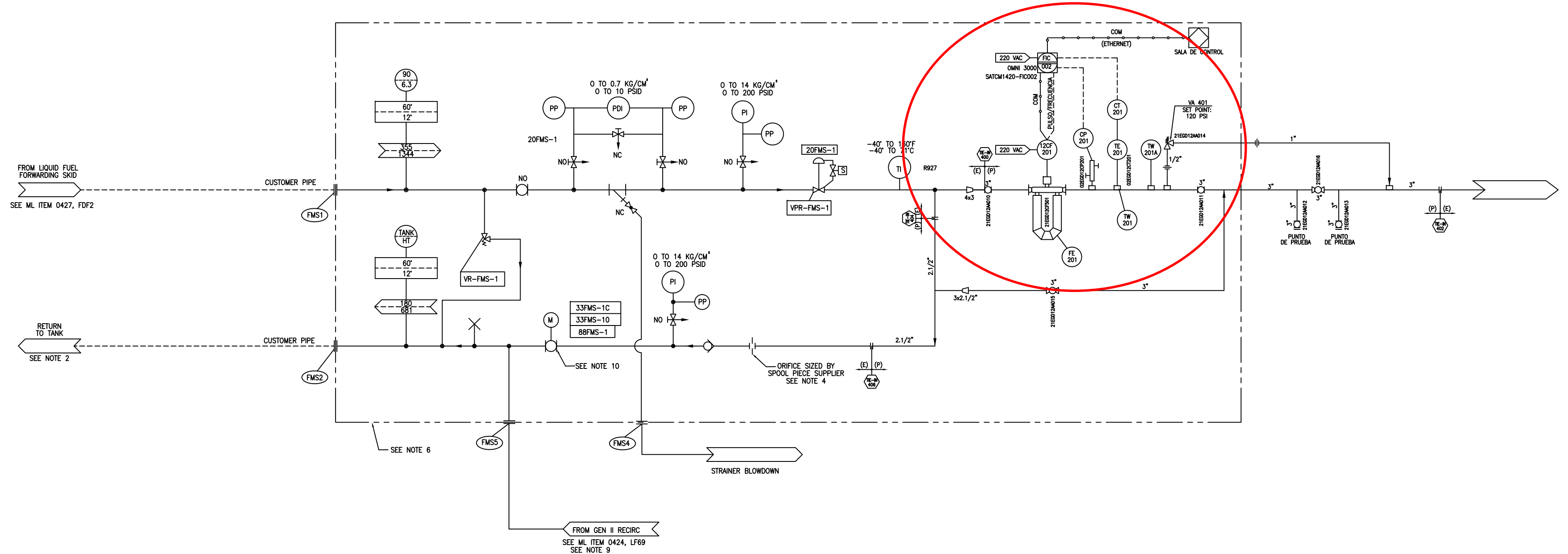
PLOTEO 1:1	
RED	0.50
YELLOW	0.28
GREEN	0.35
BLUE	0.70
WHITE	0.18
8	0.20
15	0.20
40	0.35
45	0.50
113	0.20
115	0.50
140	0.35
144	0.70
145	0.35
150	0.50
175	0.28
OTROS	0.20

SIMBOLOGIA VALVULAS Y OTROS

- AS21 : VALVULA DE BOLA SOCKET WELD
- AO10/011/012/013 : VALVULA DE BOLA CON FLANGE
- AO15/016 : VALVULA DE BOLA CON FLANGE DOBLE BLOQUEO Y PURGA (DBB)
- AO14 : VALVULA DE ALMIO

SIMBOLOGIA VALVULAS Y OTROS

- VALVULA DE BOLA NORMALMENTE ABIERTA
- VALVULA DE BOLA DOBLE BLOQUEO Y PURGA
- ∇ VALVULA DE RETENCION
- ∇ VALVULA DE ALMIO
- CP TRANSMISOR INDICADOR DE PRESION
- TE SENSOR DE TEMPERATURA
- CT TRANSMISOR DE TEMPERATURA
- CF TRANSMISOR DE FLUIDO
- TW THERMOWELL (TERMOPOZO)



R E V I S I O N			R E F E R E N C I A S			
REV.	FECHA	POR	DESCRIPCION	REV.	FECHA	POR
A	30.08.14	F.O.U.	EMITIDO PARA REVISION Y COMENTARIOS			
B	05.09.14	F.O.U.	ACTUALIZACION PIPING			
1	30.12.14	H.V.P.	AS-BUILT			

PLANO N°	DESCRIPCION	PLANO N°	DESCRIPCION

TECMEL Endress+Hauser **E+H**
INGENIERIA LTDA. People for Process Automation

N° PLANO TECMEL : 1408-PR-106

DISEÑO	TECMEL	FECHA	FIRMA	REVISION
DIBUJO	F.O.U.	JUL 2014		1
REVISO 1	W.D.P.	JUL 2014		
REVISO 2	T.G.	JUL 2014		
APROBO	E+H	JUL 2014		

ESCALA SIN ESCALA

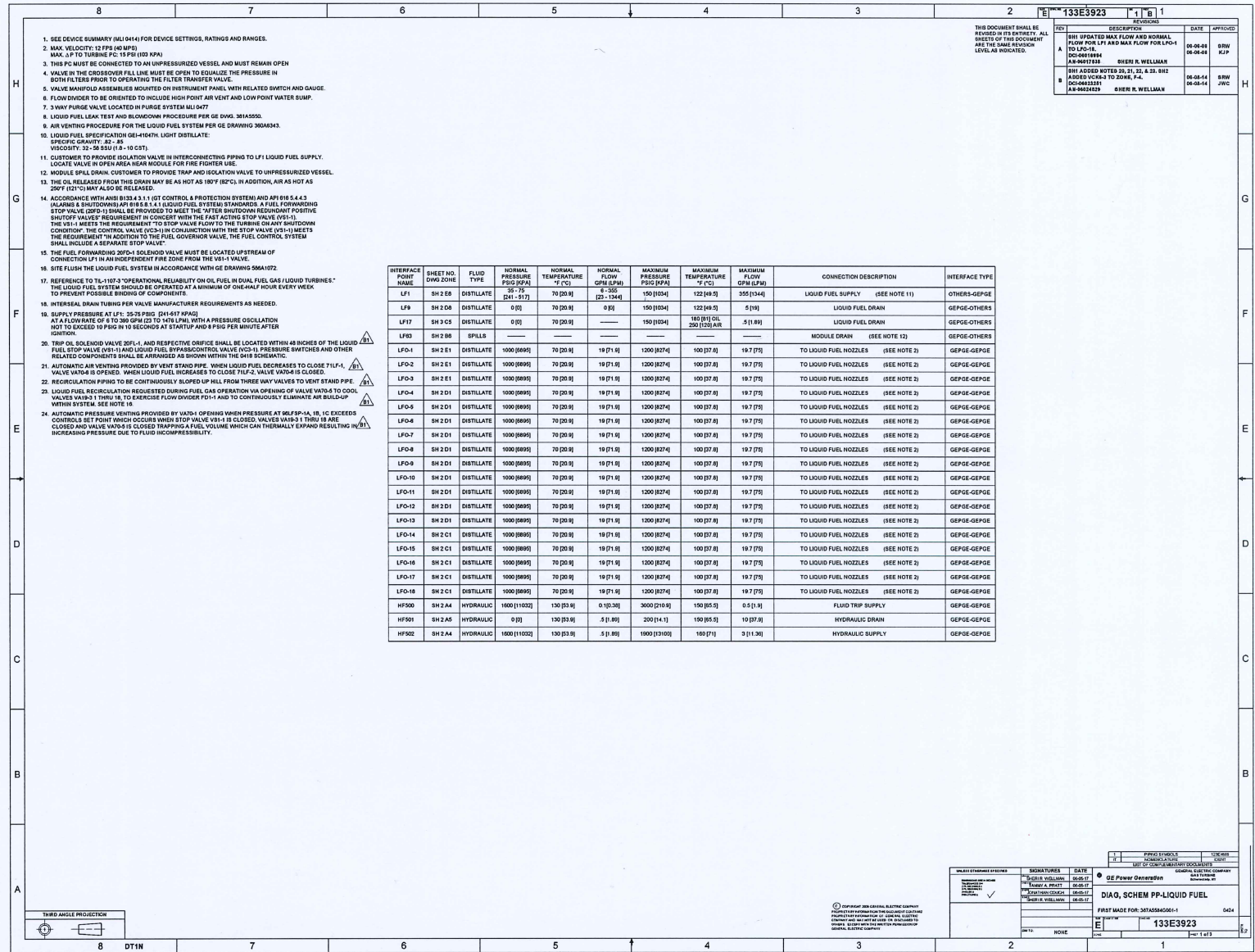
Colbún CENTRAL TERMoeLECTRICA NEHUENCO

PROYECTO : MEJORAS INSTALACIONES DE COMBUSTIBLES AREA NEHUENCO II
MATERIA : P&ID

APROBO	PROYECTO	REVISO	DIBUJO	FECHA
E+H	TECMEL	E+H	TECMEL	JULIO 2014

ESCALA : SIN ESCALA

SATCM-1420-DWG-PR-106



1. SEE DEVICE SUMMARY (SHEET 41) FOR DEVICE SETTINGS, RATINGS AND RANGES.
2. MAX. VELOCITY: 12 FPS (40 MPH)
MAX. P TO TUBING PD: 15 PSI (102 KPA)
3. THIS FC MUST BE CONNECTED TO AN UNPRESSURIZED VESSEL AND MUST REMAIN OPEN
4. VALVE IN THE CROSSOVER FILL LINE MUST BE OPEN TO EQUALIZE THE PRESSURE IN BOTH FILTERS PRIOR TO OPERATING THE FILTER TRANSFER VALVE.
5. VALVE MANIFOLD ASSEMBLY LOCATED ON INSTRUMENT PANEL WITH RELATED SWITCH AND GAUGE.
6. FLOW DIVIDER TO BE ORIENTED TO INCLUDE HIGH POINT AIR VENT AND LOW POINT WATER BUMP.
7. 3 WAY PURGE VALVE LOCATED IN PURGE SYSTEM MLI 0477
8. LIQUID FUEL LEAK TEST AND ISOLATION PROCEDURE PER GE DIVL. 38142552
9. AIR VENTING PROCEDURE FOR THE LIQUID FUEL SYSTEM PER GE DRAWING 38048343.
10. LIQUID FUEL SPECIFICATION OEI-4107H, LIGHT DISTILLATE:
SPECIFIC GRAVITY: 82.35
VISCOSITY: 32 - 58 SSU (1.9 - 10 CST)
11. CUSTOMER TO PROVIDE ISOLATION VALVE IN INTERCONNECTING PIPING TO LF1 LIQUID FUEL SUPPLY. LOCATE VALVE IN OPEN AREA NEAR MODULE FOR FIRE FIGHTER USE.
12. MODULE SPILL DRAIN: CUSTOMER TO PROVIDE TRAP AND ISOLATION VALVE TO UNPRESSURIZED VESSEL.
13. THE OIL RELEASED FROM THE DRAIN MAY BE AS HOT AS 180°F (82°C). IN ADDITION, AIR AS HOT AS 250°F (121°C) MAY ALSO BE RELEASED.
14. ACCORDANCE WITH ANSI B16.3 4.1.1 (GT CONTROL & PROTECTION SYSTEM) AND API 618 4.4.3 (VALVES & SHUT-OFFS) API 618 8.1.4 (LIQUID FUEL SYSTEMS) STANDARDS, A FUEL FORWARDING STOP VALVE (VFD-1) SHALL BE PROVIDED TO MEET THE AFTER SHUTDOWN RECOMMENDATION FORTWITE SHUT-OFF VALVES' REQUIREMENT IN CONJUNCTION WITH THE FAST ACTIVE STOP VALVE (VSI-1). THE VSI-1 MEETS THE REQUIREMENT TO STOP FUEL FLOW TO THE TURBINE OR ANY SHUT-DOWN CONDITION. THE CONTROL VALVE (VCS-1) IN CONJUNCTION WITH THE STOP VALVE (VSI-1) MEETS THE REQUIREMENT "IN ADDITION TO THE FUEL GOVERNOR VALVE, THE FUEL CONTROL SYSTEM SHALL INCLUDE A SEPARATE STOP VALVE"
15. THE FUEL FORWARDING STOP VALVE (VFD-1) SOLENOID VALVE MUST BE LOCATED UPSTREAM OF CONNECTION LF1 IN AN INDEPENDENT FIRE ZONE FROM THE VSI-1 VALVE.
16. SITE FLUSH THE LIQUID FUEL SYSTEM IN ACCORDANCE WITH GE DRAWING 58A11972.
17. REFERENCE TO TLA-1167-3 OPERATIONAL RELIABILITY ON OIL FUEL IN DUAL FUEL GAS / LIQUID TURBINES: THE LIQUID FUEL SYSTEM SHOULD BE OPERATED AT A MINIMUM OF ONE-HOUR EVERY WEEK TO PREVENT POSSIBLE BIRING OF COMPONENTS.
18. INTERSEAL DRAIN TUBING PER VALVE MANUFACTURER REQUIREMENTS AS NEEDED.
19. SUPPLY PRESSURE AT LF1: 25.75 PSIG (1.771 MPa)
AT A FLOW RATE OF 6 TO 360 GPM (23 TO 1378 LPM) WITH A PRESSURE OSCILLATION NOT TO EXCEED 10 PSIG IN 10 SECONDS AT STARTUP AND 8 PSIG PER MINUTE AFTER IGNITION.
20. TRIP OIL SOLID/LIQUID VALVE (VSI-1) AND RESPECTIVE ORIFICE SHALL BE LOCATED WITHIN 48 INCHES OF THE LIQUID FUEL STOP VALVE (VSI-1) AND LIQUID FUEL BYPASS/CONTROL VALVE (VCS-1). PRESSURE SWITCHES AND OTHER RELATED COMPONENTS SHALL BE ARRANGED AS SHOWN WITHIN THE S119 SCHEMATIC.
21. AUTOMATIC AIR VENTING PROVIDED BY VENT STAND PIPE. WHEN LIQUID FUEL DECREASES TO CLOSE 711-F-1, VALVE VAD-4 IS OPENED. WHEN LIQUID FUEL INCREASES TO CLOSE 711-F-2, VALVE VAD-4 IS CLOSED.
22. REGRULATION PIPING TO BE CONTINUOUSLY SLOPED UP HILL FROM THREE WAY VALVES TO VENT STAND PIPE.
23. LIQUID FUEL REGRULATION REQUIRED DURING FUEL GAS OPERATION VIA OPENING OF VALVE VAD-4 TO COOL VALVES VAD-3 1 THRU 18, TO EXERCISE FLOW DIVIDER FD-1 AND TO CONTINUOUSLY ELIMINATE AIR BUILD-UP WITHIN SYSTEM. SEE NOTE 16.
24. AUTOMATIC PRESSURE VENTING PROVIDED BY VAD-4 OPENING WHEN PRESSURE AT DFL-SP-1A, 1B, 1C EXCEEDS CONTROLS SET POINT WHICH OCCURS WHEN STOP VALVE VSI-1 IS CLOSED. VALVES VAD-3 1 THRU 18 ARE CLOSED AND VALVE VAD-5 IS CLOSED TRAPPING A FUEL VOLUME WHICH CAN THERMALLY EXPAND RESULTING IN INCREASING PRESSURE DUE TO FLUID INCOMPRESSIBILITY.

INTERFACE POINT NAME	SHEET NO. DWG. ZONE	FLUID TYPE	NORMAL PRESSURE (PSIG (KPA))	NORMAL TEMPERATURE (°F (°C))	NORMAL FLOW (GPM (LPM))	MAXIMUM PRESSURE (PSIG (KPA))	MAXIMUM TEMPERATURE (°F (°C))	MAXIMUM FLOW (GPM (LPM))	CONNECTION DESCRIPTION	INTERFACE TYPE
LF1	SH 2 EB	DISTILLATE	36 - 75 (2.41 - 5.17)	70 (20.9)	0 - 250 (0 - 1584)	150 (1034)	122 (49.5)	355 (1344)	LIQUID FUEL SUPPLY (SEE NOTE 1)	OTHERS-GE/GE
LF9	SH 2 DB	DISTILLATE	0 (0)	70 (20.9)	0 (0)	150 (1034)	122 (49.5)	5 (18)	LIQUID FUEL DRAIN	GE/GE-OTHERS
LF17	SH 2 CS	DISTILLATE	0 (0)	70 (20.9)	0 (0)	150 (1034)	140 (51) OIL 200 (75) AIR	5 (1.8)	LIQUID FUEL DRAIN	GE/GE-OTHERS
LF9D	SH 2 BB	SPILLS	---	---	---	---	---	---	MODULE DRAIN (SEE NOTE 12)	GE/GE-OTHERS
LF0-1	SH 2 E1	DISTILLATE	1000 (6896)	70 (20.9)	19 (7.1) (1)	1200 (8274)	100 (37.8)	19 (7.7)	TO LIQUID FUEL NOZZLES (SEE NOTE 2)	GE/GE-GE/GE
LF0-2	SH 2 E1	DISTILLATE	1000 (6896)	70 (20.9)	19 (7.1) (1)	1200 (8274)	100 (37.8)	19 (7.7)	TO LIQUID FUEL NOZZLES (SEE NOTE 2)	GE/GE-GE/GE
LF0-3	SH 2 E1	DISTILLATE	1000 (6896)	70 (20.9)	19 (7.1) (1)	1200 (8274)	100 (37.8)	19 (7.7)	TO LIQUID FUEL NOZZLES (SEE NOTE 2)	GE/GE-GE/GE
LF0-4	SH 2 D1	DISTILLATE	1000 (6896)	70 (20.9)	19 (7.1) (1)	1200 (8274)	100 (37.8)	19 (7.7)	TO LIQUID FUEL NOZZLES (SEE NOTE 2)	GE/GE-GE/GE
LF0-5	SH 2 D1	DISTILLATE	1000 (6896)	70 (20.9)	19 (7.1) (1)	1200 (8274)	100 (37.8)	19 (7.7)	TO LIQUID FUEL NOZZLES (SEE NOTE 2)	GE/GE-GE/GE
LF0-6	SH 2 D1	DISTILLATE	1000 (6896)	70 (20.9)	19 (7.1) (1)	1200 (8274)	100 (37.8)	19 (7.7)	TO LIQUID FUEL NOZZLES (SEE NOTE 2)	GE/GE-GE/GE
LF0-7	SH 2 D1	DISTILLATE	1000 (6896)	70 (20.9)	19 (7.1) (1)	1200 (8274)	100 (37.8)	19 (7.7)	TO LIQUID FUEL NOZZLES (SEE NOTE 2)	GE/GE-GE/GE
LF0-8	SH 2 D1	DISTILLATE	1000 (6896)	70 (20.9)	19 (7.1) (1)	1200 (8274)	100 (37.8)	19 (7.7)	TO LIQUID FUEL NOZZLES (SEE NOTE 2)	GE/GE-GE/GE
LF0-9	SH 2 D1	DISTILLATE	1000 (6896)	70 (20.9)	19 (7.1) (1)	1200 (8274)	100 (37.8)	19 (7.7)	TO LIQUID FUEL NOZZLES (SEE NOTE 2)	GE/GE-GE/GE
LF0-10	SH 2 D1	DISTILLATE	1000 (6896)	70 (20.9)	19 (7.1) (1)	1200 (8274)	100 (37.8)	19 (7.7)	TO LIQUID FUEL NOZZLES (SEE NOTE 2)	GE/GE-GE/GE
LF0-11	SH 2 D1	DISTILLATE	1000 (6896)	70 (20.9)	19 (7.1) (1)	1200 (8274)	100 (37.8)	19 (7.7)	TO LIQUID FUEL NOZZLES (SEE NOTE 2)	GE/GE-GE/GE
LF0-12	SH 2 D1	DISTILLATE	1000 (6896)	70 (20.9)	19 (7.1) (1)	1200 (8274)	100 (37.8)	19 (7.7)	TO LIQUID FUEL NOZZLES (SEE NOTE 2)	GE/GE-GE/GE
LF0-13	SH 2 D1	DISTILLATE	1000 (6896)	70 (20.9)	19 (7.1) (1)	1200 (8274)	100 (37.8)	19 (7.7)	TO LIQUID FUEL NOZZLES (SEE NOTE 2)	GE/GE-GE/GE
LF0-14	SH 2 C1	DISTILLATE	1000 (6896)	70 (20.9)	19 (7.1) (1)	1200 (8274)	100 (37.8)	19 (7.7)	TO LIQUID FUEL NOZZLES (SEE NOTE 2)	GE/GE-GE/GE
LF0-15	SH 2 C1	DISTILLATE	1000 (6896)	70 (20.9)	19 (7.1) (1)	1200 (8274)	100 (37.8)	19 (7.7)	TO LIQUID FUEL NOZZLES (SEE NOTE 2)	GE/GE-GE/GE
LF0-16	SH 2 C1	DISTILLATE	1000 (6896)	70 (20.9)	19 (7.1) (1)	1200 (8274)	100 (37.8)	19 (7.7)	TO LIQUID FUEL NOZZLES (SEE NOTE 2)	GE/GE-GE/GE
LF0-17	SH 2 C1	DISTILLATE	1000 (6896)	70 (20.9)	19 (7.1) (1)	1200 (8274)	100 (37.8)	19 (7.7)	TO LIQUID FUEL NOZZLES (SEE NOTE 2)	GE/GE-GE/GE
LF0-18	SH 2 C1	DISTILLATE	1000 (6896)	70 (20.9)	19 (7.1) (1)	1200 (8274)	100 (37.8)	19 (7.7)	TO LIQUID FUEL NOZZLES (SEE NOTE 2)	GE/GE-GE/GE
HF500	SH 2 AA	HYDRAULIC	1600 (11032)	130 (33.9)	0 (0) - 30 (10.9)	3000 (210.9)	150 (55.5)	0.5 (1.9)	FLUID TRIP SUPPLY	GE/GE-GE/GE
HF501	SH 2 AS	HYDRAULIC	0 (0)	130 (33.9)	5 (1.8)	200 (14.1)	150 (55.5)	10 (37.8)	HYDRAULIC DRAIN	GE/GE-GE/GE
HF502	SH 2 AA	HYDRAULIC	1600 (11032)	130 (33.9)	5 (1.8)	1900 (13100)	150 (7.1)	3 (11.3)	HYDRAULIC SUPPLY	GE/GE-GE/GE

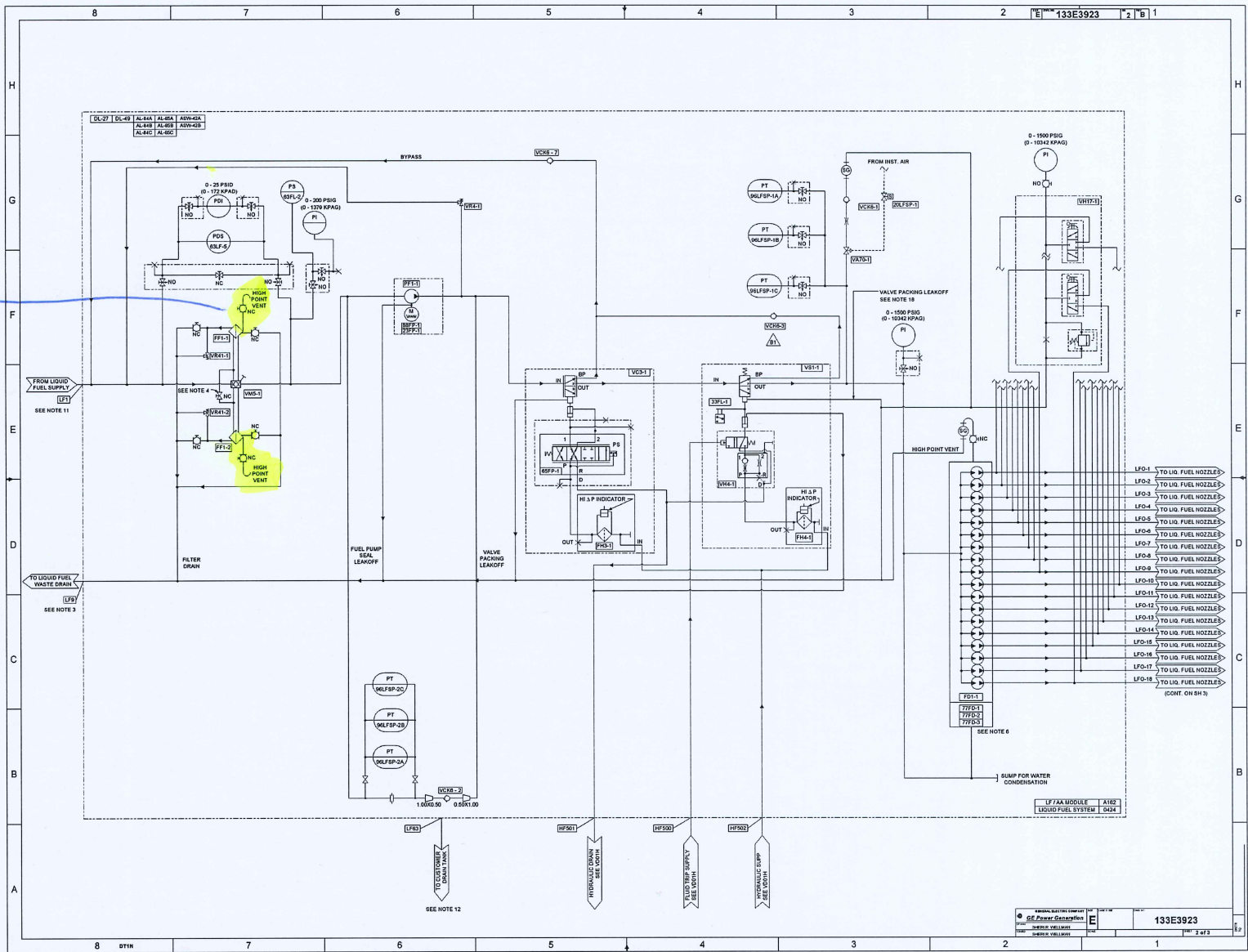
REV	DESCRIPTION	DATE	APPROVED
1	SHI UPDATED MAX FLOW AND NORMAL FLOW FOR LF1 AND MAX FLOW FOR LF0-1 TO LF0-18	06-08-03	DRW KJP
2	DC-061894		
3	DRW-061723		DRW R. WELLMAN
4	SHI ADDED NOTES 20, 21, 22, & 23. SHI ADDED VCS-1 TO DRAE, P. 4.	06-08-14	DRW JWC
5	DC-062321		
6	DRW-062229		DRW R. WELLMAN

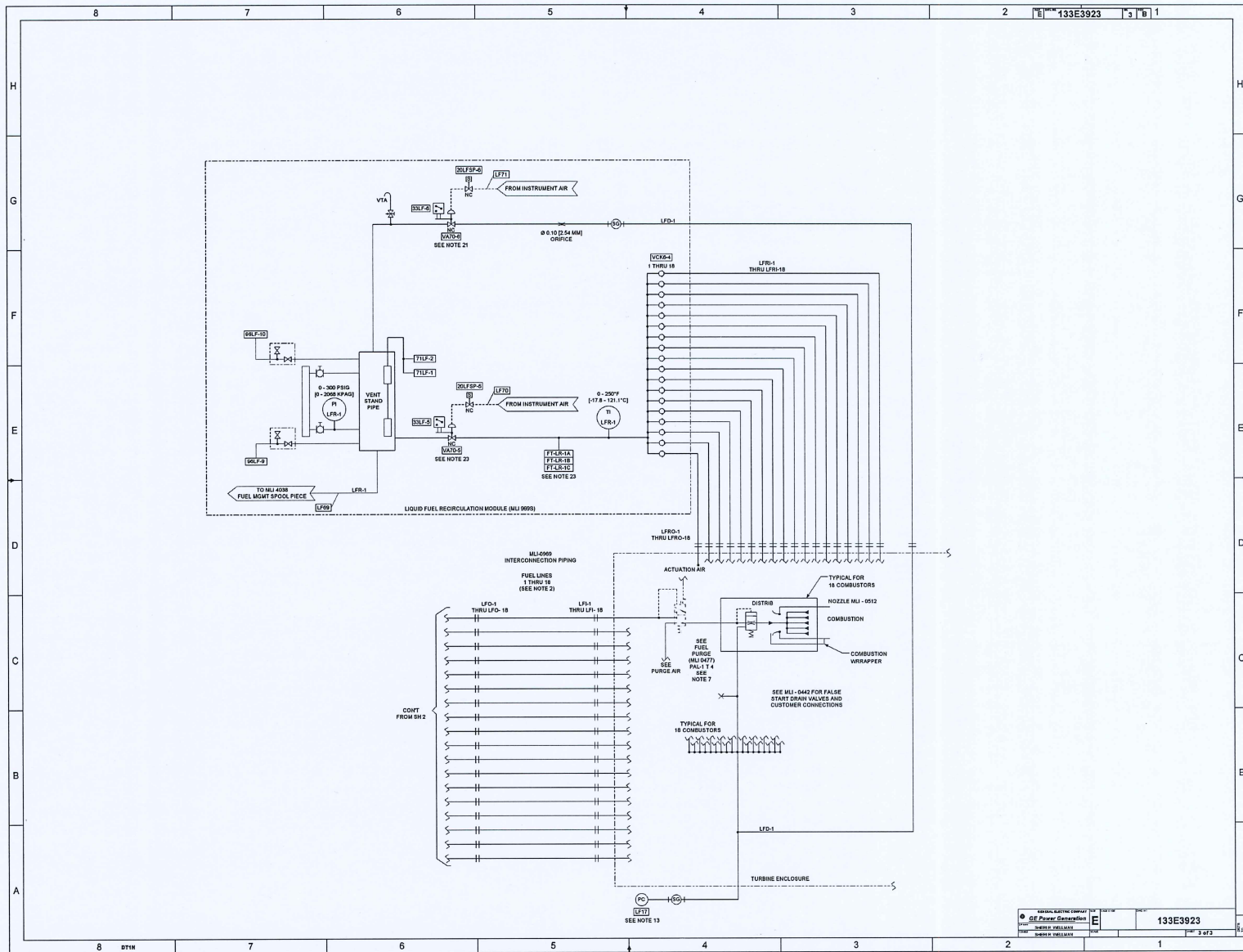
THIRD ANGLE PROJECTION
 FIRST ANGLE PROJECTION

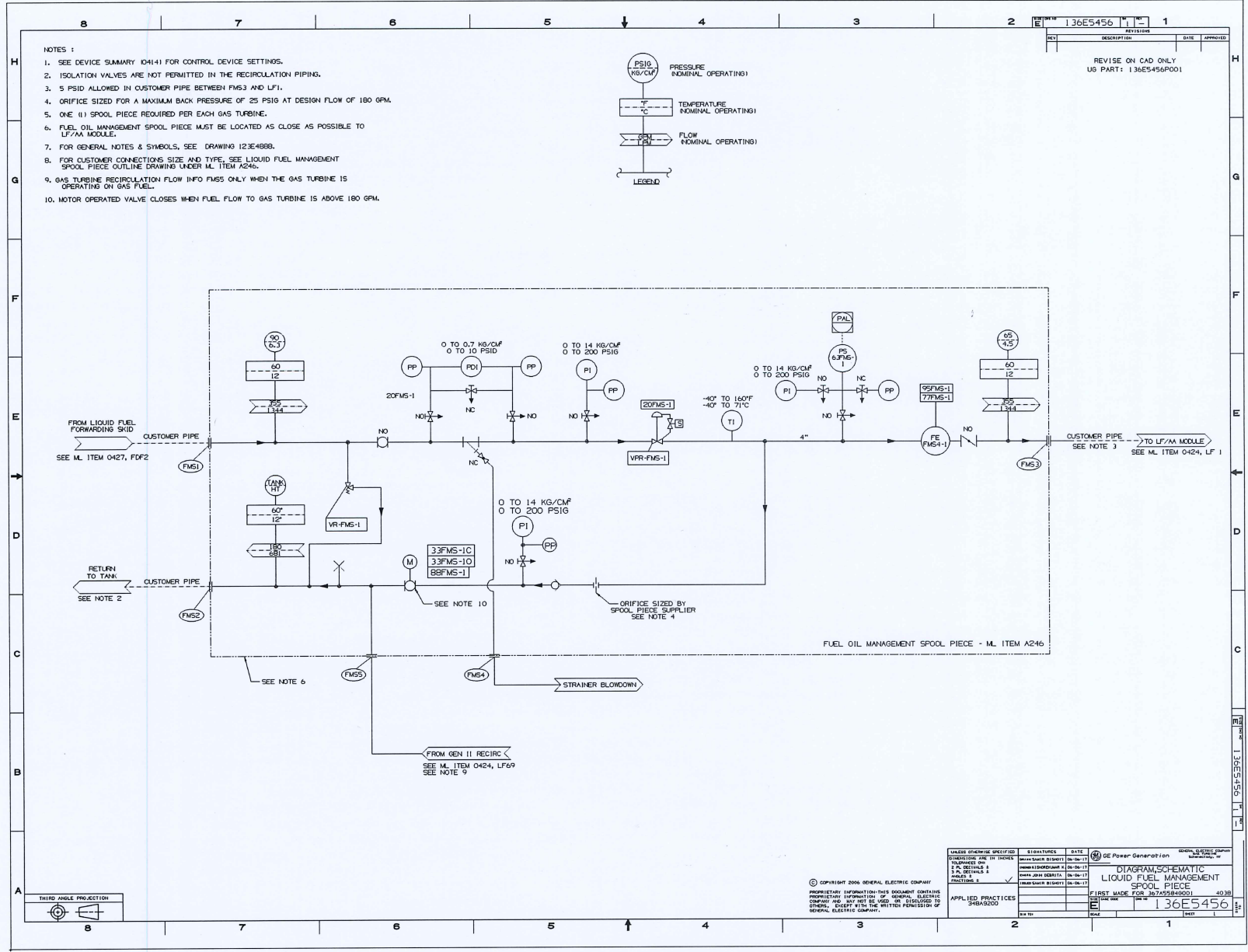
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 CHECKED BY: _____ DATE: _____
 DRAWN BY: _____ DATE: _____
 DESIGNED BY: _____ DATE: _____

GE Power Generation
 LOCAL SITE USE COMPANY ONLY
 DIAO, SCHEM PP-LIQUID FUEL
 FIRST MADE FOR: 367A5546001-1 0424
 133E3923
 SHEET NO. NONE OF 1

PUNTO NE
TOM ME MUESTRA







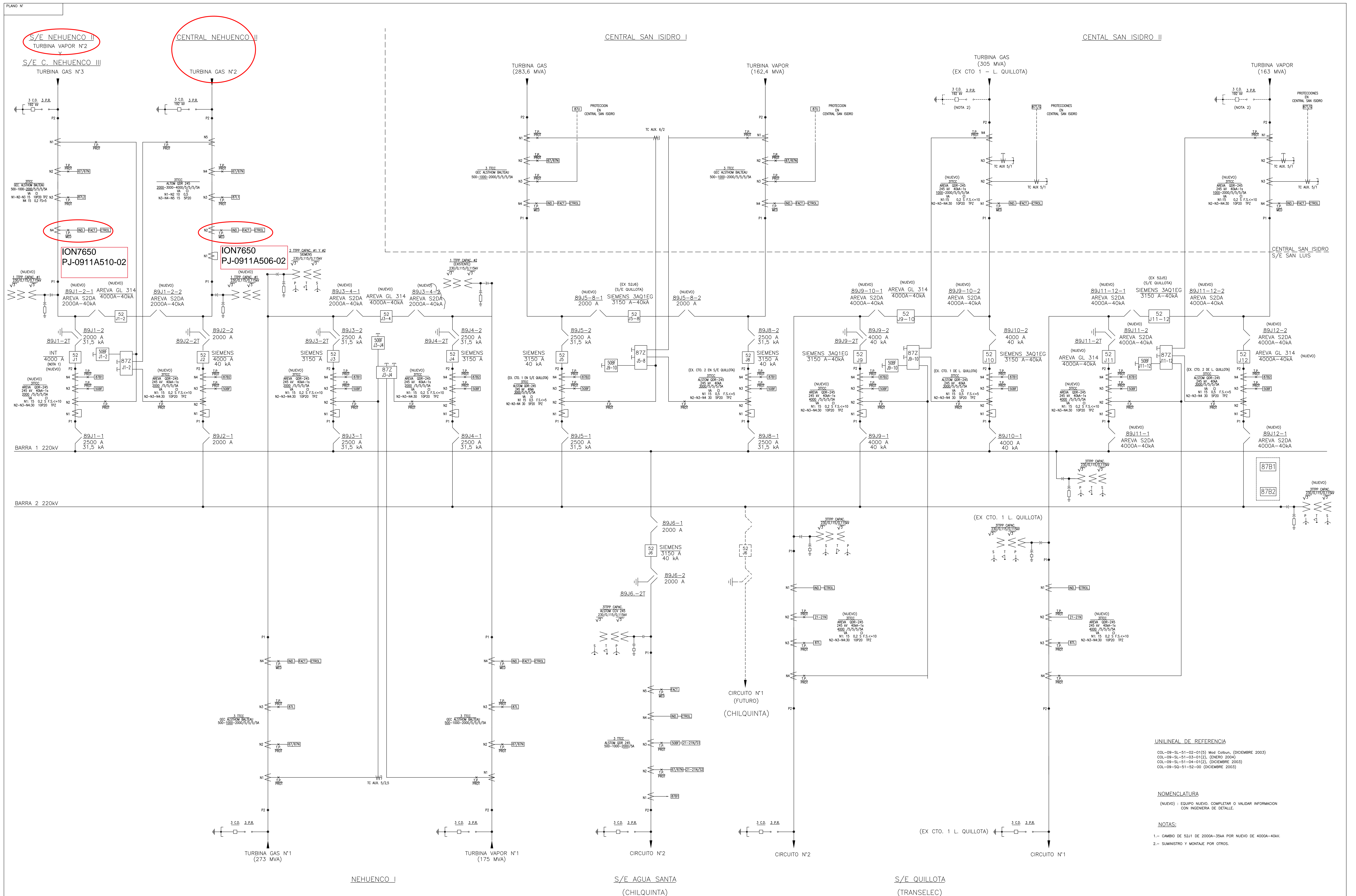
- NOTES :
1. SEE DEVICE SUMMARY (D4141) FOR CONTROL DEVICE SETTINGS.
 2. ISOLATION VALVES ARE NOT PERMITTED IN THE RECIRCULATION PIPING.
 3. 5 PSID ALLOWED IN CUSTOMER PIPE BETWEEN FMS3 AND LF1.
 4. ORIFICE SIZED FOR A MAXIMUM BACK PRESSURE OF 25 PSIG AT DESIGN FLOW OF 180 GPM.
 5. ONE (1) SPOOL PIECE REQUIRED PER EACH GAS TURBINE.
 6. FUEL OIL MANAGEMENT SPOOL PIECE MUST BE LOCATED AS CLOSE AS POSSIBLE TO LF/M MODULE.
 7. FOR GENERAL NOTES & SYMBOLS, SEE DRAWING 123E4888.
 8. FOR CUSTOMER CONNECTIONS SIZE AND TYPE, SEE LIQUID FUEL MANAGEMENT SPOOL PIECE OUTLINE DRAWING UNDER M. ITEM A246.
 9. GAS TURBINE RECIRCULATION FLOW INFO FMS5 ONLY WHEN THE GAS TURBINE IS OPERATING ON GAS FUEL.
 10. MOTOR OPERATED VALVE CLOSES WHEN FUEL FLOW TO GAS TURBINE IS ABOVE 180 GPM.

LEGEND

- PSIG (KG/CM²) PRESSURE (NOMINAL OPERATING)
- T (°C) TEMPERATURE (NOMINAL OPERATING)
- FM (GPM) FLOW (NOMINAL OPERATING)

REV	DESCRIPTION	DATE	APPROVED
1	REVISE ON CAD ONLY UG PART: 136E5456P001		

UNLESS OTHERWISE SPECIFIED	SIGNATURES	DATE	GE Power Generation
REGISTERED FOR IT THREE	DESIGNED BY	DATE	
REVISIONS	CHECKED BY	DATE	
1. P. DEVIANCE	DATE		
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100. P. DEVIANCE	DATE		



PLANOS AFINES	

N°	FECHA	M O D I F I C A C I O N E S	SUPLENTE	DISEÑO	REVISÓ	APROBÓ

ABENGOA CHILE

ingendesa						MODIFICACION SISTEMA DE TRANSMISION ASOCIADO A CENTRAL SAN ISIDRO II				TRANQUILLOTA LTDA.		
DIBUJÓ	SUPERVISÓ	DISEÑO	REVISÓ	ASESORÓ	APROBÓ	INGENIERIA DE DETALLE		DIAGRAMA UNILINEAL PATIO SAN LUIS 220 kV		FECHA	PLANO N°	VERS.
E.V.B.	N/A	R.S.T.	R.B.E.	N/A	P.M.G.	06322-03-02-IEE-PLN-002		29-06-2007		29-06-2007	A	A
PLANO N°	FECHA		UNIDAD	ESCALA	DIBUJÓ	PROYECTO	CONTROLÓ	APROBÓ	MICROFILM N° ARCHIVO			
REEMPLAZA A PLANO N°	FECHA		UNIDAD	ESCALA								

UNILINEAL DE REFERENCIA
 COL-09-SL-51-02-01(3) Mod Colburn, (DICIEMBRE 2003)
 COL-09-SL-51-03-01(3), (ENERO 2004)
 COL-09-SL-51-04-01(2), (DICIEMBRE 2003)
 COL-09-SL-51-52-00 (DICIEMBRE 2003)

NOMENCLATURA
 (NUEVO) : EQUIPO NUEVO, COMPLETAR O VALIDAR INFORMACION CON INGENIERIA DE DETALLE.

NOTAS:
 1.- CAMBIO DE S211 DE 2000A-35kA POR NUEVO DE 4000A-40kV.
 2.- SUMINISTRO Y MONTAJE POR OTROS.

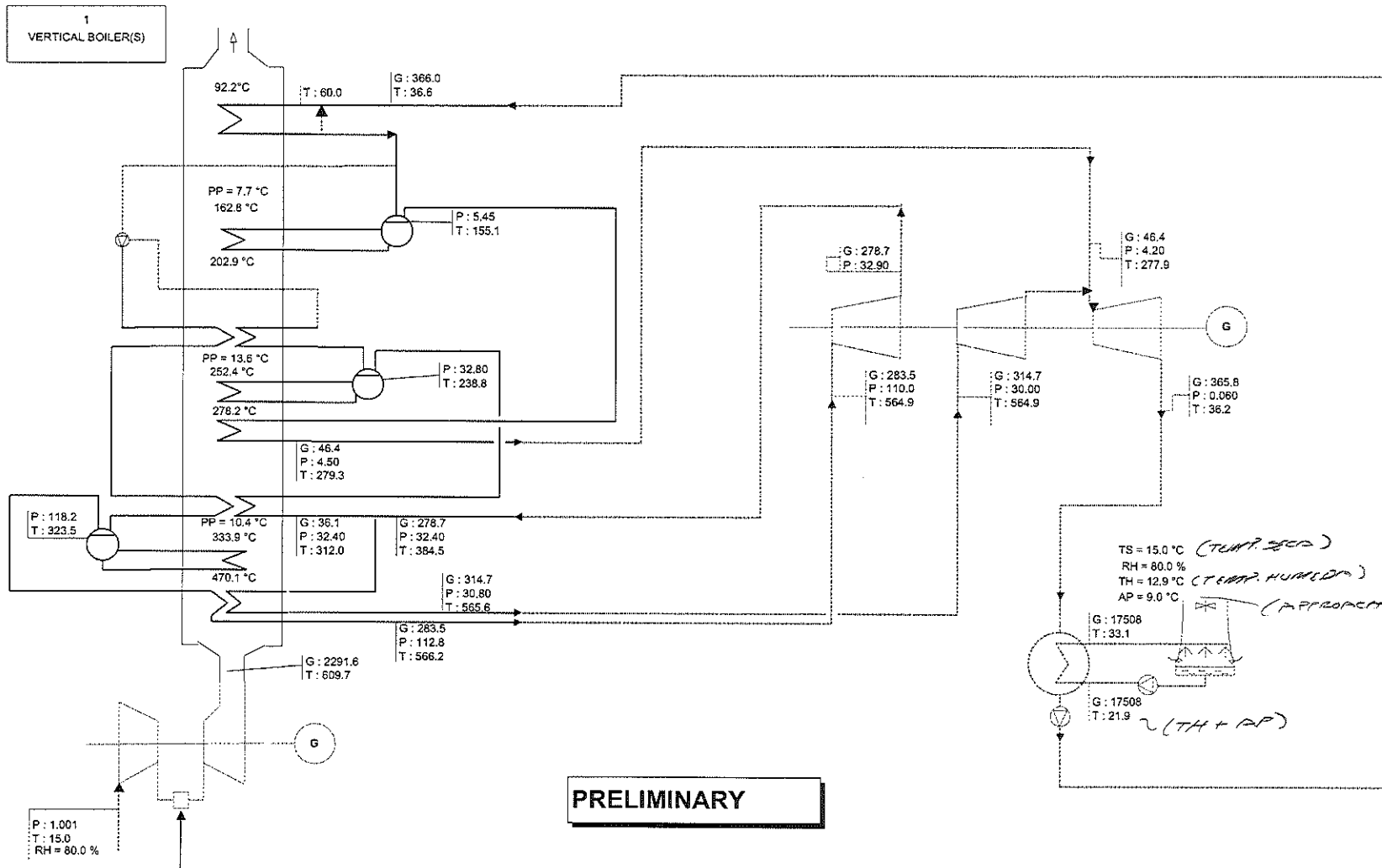


A – 6 Esquema de Balances Térmicos

OPERACIÓN y MANTENIMIENTO INDUSTRIAL

Flujo Energía Limitada

Nueva York 53 Oficina 61 - Santiago



PRELIMINARY

P: 1.001
T: 15.0
RH = 80.0 %

Nº	513	10 Apr 2002 14:50:13
AUT.		
VAL.		

G: Flow t/h
P: Pressure bar abs
T: Temperature °C
H: Enthalpy kJ/kg

GT LOAD : 100.0 %
GT OUTPUT : 251.6 MW
ST OUTPUT : 138.7 MW
CC OUTPUT : 390.3 MW
GROSS HEAT RATE : 6319.9 kJ/kWh
GROSS EFFICIENCY : 56.96 %

ALSTOM		NEHUENCO Extension Add On 1.1.1 3P RH	
		HEAT BALANCE	
PPG DCP	DESIGN CASE	15°C/1001mb/80% RH	
		0846-04D	Rev A