

Line List									
Line Identification	Line Size	Fluid Code	Unit Number	Line Number	Insulation Type	Pressure (kPa)	Temperature (°C)	From	To
30"-P-200-001-N	30" Sch40	P	200	001	N	110.0	35.00	H2 Plant	K-202
8"-P-200-002-P	8" Sch40	P	200	002	P	4540.0	802.10	K-202	E-203
6"-P-200-003-P	6" Sch40	P	200	003	P	4520.0	172.80	E-203	ST-201
10"-CW-200-004-N	10" Sch40	CW	200	004	N	200.0	20.00	CW Supply	E-203
10"-CW-200-005-N	10" Sch40	CW	200	005	N	130.0	30.00	E-203	CW Return
4"-P-200-006-N	4" Sch40	P	200	006	N	4500.0	31.04	S-201	ST-201
3"-P-200-007-P	3" Sch40	P	200	007	P	4520.0	86.76	ST-201	DC-201
6"-P-200-008-N	6" Sch40	P	200	008	N	4500.0	42.56	ST-201	ST-Condenser
6"-P-200-009-N	6" Sch40	P	200	009	N	4500.0	37.60	ST-Condenser	V-201
2"-P-200-010-N	2" Sch40	P	200	010	N	4500.0	37.60	V-201	ST-201
6"-P-200-011-N	6" Sch40	P	200	011	N	4500.0	37.60	V-201	S-201
3"-P-200-012-N	3" Sch40	P	200	012	N	10000.0	20.00	CO2 Plant	Mix point
14"-P-200-013-N	14" Sch40	P	200	013	N	5240.0	33.42	Mix point	E-202
14"-P-200-014-N	14" Sch40	P	200	014	N	5240.0	48.87	K-201	Mix point
16"-P-200-015-N	16" Sch40	P	200	015	N	4500.0	31.10	S-201	K-201
14"-P-200-016-N	14" Sch40	P	200	016	N	4860.0	31.00	E-204	S-201
16"-P-200-017-H	16" Sch40	P	200	017	H	5170.0	225.00	E-202	E-201
16"-P-200-018-H	16" Sch40	P	200	018	H	5100.0	250.00	E-201	R-201
16"-P-200-019-P	16" Sch40	P	200	019	P	5000.0	250.00	R-201	E-202
4"-P-200-020-N	4" Sch40	P	200	020	N	5100.0	250.00	E-201	Flare
6"-HPS-200-021-H	6" Sch40	HPS	200	021	H	4253.0	254.00	HP Steam	E-201
2"-HPS-200-022-N	2" Sch40	HPS	200	022	N	4183.0	250.00	E-201	Drain
16"-P-200-023-N	16" Sch40	P	200	023	N	4930.0	100.60	E-202	E-204
10"-CW-200-024-N	10" Sch40	CW	200	024	N	200.0	20.00	CW Supply	E-204
10"-CW-200-025-N	10" Sch40	CW	200	025	N	130.0	30.00	E-204	CW Return
20"-LPS-200-026-P	20" Sch40	LPS	200	026	P	515.5	153.00	LP Steam	DC-Reboiler
3"-LPS-200-027-P	3" Sch40	LPS	200	027	P	445.5	124.00	DC-Reboiler	Drain
4"-P-200-028-P	4" Sch40	P	200	028	P	110.0	95.10	DC-201	DC-Reboiler
24"-P-200-029-P	24" Sch40	P	200	029	P	110.0	101.30	DC-Reboiler	DC-201
2"-P-200-030-P	2" Sch40	P	200	030	P	110.0	101.30	DC-201	P-202
30"-P-200-031-N	30" Sch40	P	200	031	N	101.3	67.07	DC-201	DC-Condenser
14"-CW-200-032-N	14" Sch40	CW	200	032	N	200.0	20.00	CW Supply	DC-Condenser
14"-CW-200-033-N	14" Sch40	CW	200	033	N	130.0	30.00	DC-Condenser	CW Return
6"-P-200-034-N	6" Sch40	P	200	034	N	101.3	39.09	DC-Condenser	V-202
4"-P-200-035-N	4" Sch40	P	200	035	N	101.3	39.09	P-201	DC-201
4"-P-200-036-N	4" Sch40	P	200	036	N	101.3	39.09	V-201	P-201

Mass Flow Rate (kg/hr)	Viscosity (cP)	Density (kg/m3)
2659.31	0.0092	0.096
2659.82	0.0276	1.128
2659.83	0.0125	2.674
536977.80	1.0020	998.100
535525.20	0.7972	995.400
21159.03	0.5781	865.400
19917.28	0.2950	801.500
3933.84	0.0096	5.423
3899.45	0.0094	5.465
34.36	0.5330	829.120
3899.22	0.0095	5.465
17207.33	0.0737	815.900
121611.20	0.0123	27.200
104386.80	0.0121	23.120
104388.95	0.0116	21.110
121620.50	0.0122	30.790
121630.95	0.0176	16.470
121595.40	0.0183	15.480
121615.38	0.0182	16.710
0.00	0.0183	15.480
4384.77	0.0176	21.410
4386.01	0.1070	799.200
121641.46	0.0014	24.140
839837.70	1.0020	1011.000
840247.60	0.7972	1004.000
27341.92	0.0140	2.746
27345.93	0.2220	939.400
34826.37	0.2936	937.150
18692.10	0.0092	0.662
7400.13	0.2693	945.100
48758.99	0.0067	1.169
1441686.00	1.0020	1011.000
1434716.00	1.7972	1004.000
71846.18	0.4499	771.130
36235.40	0.4499	771.130
48743.13	0.4499	771.130

