

8037.P.0814 A/B  
HP. KO. DRUM PUMP

CAPACITY : 29.2 GPM  
HEAD : 90 PSI / 212 FEET  
HHP/MOTOR : 1.53 HP / 5.00 HP

8037.P.0815  
OILY WATER DRAIN PUMP

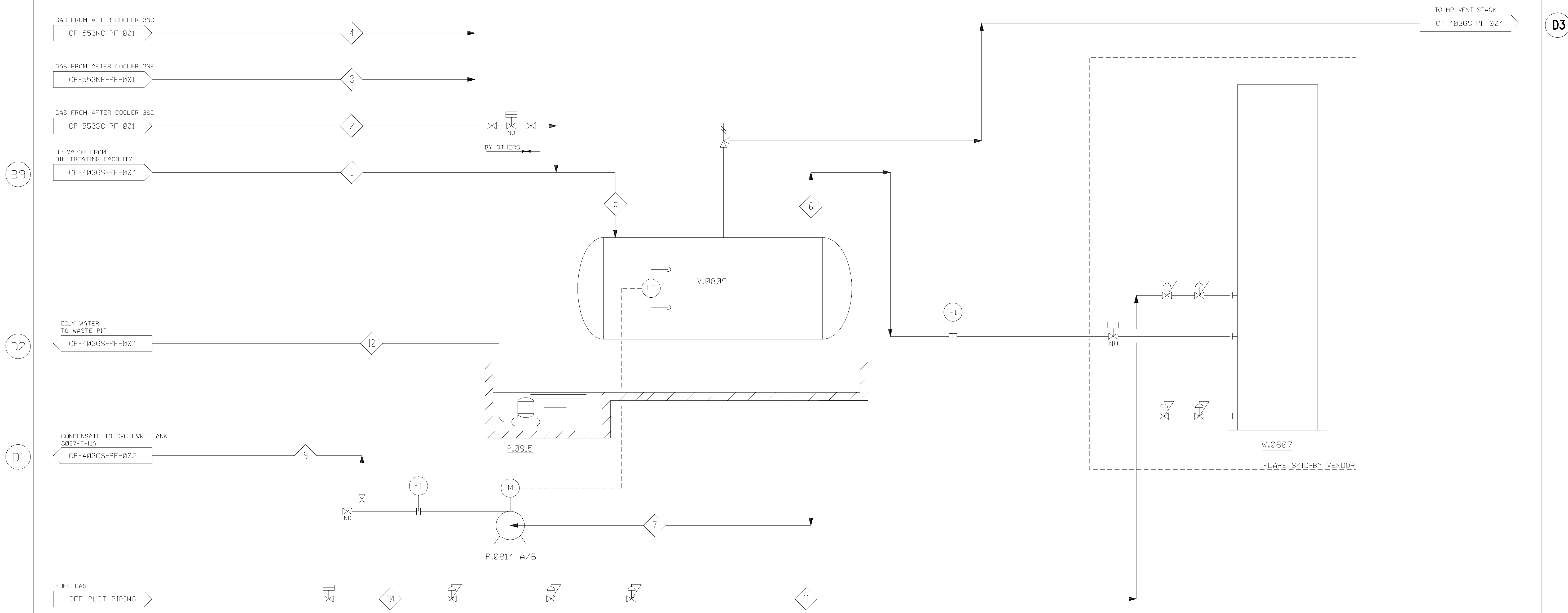
CAPACITY : 25 GPM  
HEAD : 20 PSI/46 FEET  
HHP / MOTOR : 0.29 HP / 1.5 HP

8037.V.0809  
FLARE KNOCK OUT DRUM


DIMENSION : 6'-0" ID x 15'-0" T/T  
OPERATING : 1.5 PSIG / 106°F  
DESIGN : 50.0 PSIG / 205°F

8037.W.0807  
ENCLOSED GROUND FLARE

CAPACITY : 8.5 MMSCFD  
HEIGHT : 50'-0"  
DIAMETER : 8'-0"



Stream Number		1	2	3	4	5	6	7	8	9	10	11	12
Description		HP Vapor from Oil Treating Facilities CGS 3	Gas from CVC 3SC	Gas from CVC 3NE	Gas from CVC 3NC	HP Vapor to Flare Knock Out drum	HP Vapor to Enclosed Ground Flare	Condensate	Condensate to Gas Boot	Condensate to CVC Facility	Fuel Gas from Fuel Gas Off Plot Line	Fuel Gas to Enclosed Ground Flare	Oily Water Drain To Waste Pit
Design Factor		1.10	1.10	1.10	1.10	1.10	1.10	1.20	1.20	1.20	10.00	10.00	1.20
Design Flow	BPD	-	-	-	-	-	-	1,200	1,200	1,200	-	-	1,028
	LB/HR	9,481	10,313	11,186	10,320	41,300	40,064	17,439	17,442	17,442	2,061	2,061	15,073
	GPM	-	-	-	-	-	-	35.0	35.0	35.0	-	-	-
	MMSCFD	2.56	2.20	2.39	2.20	9.35	8.50	-	-	-	1.00	1.00	-
Total Operating Flow Rate	BPD	-	-	-	-	-	-	1,000 (NOTE 2)	1,000 (NOTE 1)	1,000 (NOTE 2)	-	-	857 (NOTE 3)
	MMSCFD	2.33	2.00	2.17	2.00	8.50	7.93	-	-	-	-	-	-
Operating Flow Liquid	BPD	79	-	-	-	77	-	1,000	1,000	1,000	-	-	857.00
Operating Flow Gas	MMSCFD	1.75	2.00	2.17	2.00	7.93	7.93	-	-	-	0.10	0.10	-
Molecular Weight		33.69	42.69	42.68	42.72	40.23	41.81	18.02	19.03	19.03	18.77	18.77	18.02
Density	LB/FT <sup>3</sup>	0.120	0.114	0.114	0.114	0.116	0.112	62.12	62.13	62.13	1.36	0.12	62.65
Temperature : Operating	°F	107	110	110	110	106	106	106	106	106	86	60	86
Pressure : Operating	PSIG	1.5	1.5	1.5	1.5	1.5	1.5	1.5	90.0	90.0	350 - 400	24.5	20.0
Viscosity : @ 70°F	cP	-	-	-	-	-	-	-	-	-	-	-	-
Viscosity : @ Operating Temperature	cP	-	0.014	0.014	0.015	-	0.014	0.636	0.635	0.635	0.012	0.011	0.797

										PROCESS FLOW DIAGRAM OIL TREATING FACILITY										CP-403GS-PF-004										<div></div>										DRAWN RUJ1 13-12-06										DRAWING TITLE										JOB NO. WA-1561A										CAD									
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1 04-01-14 AS BUILT FOR JOB NO.1672* RD ADR ESP JNP ESP																																																																															
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