

ITEM NO.	DESIGNATION OF ITEM	QTY	TYPE	FLUID	APPLICABLE CODE / (IMPELLER MATERIAL)	CAPACITY (m3/h) NOR	PRESSURE (BarG) SUC/DISCH	Temp (°C)	Sp.Gr. @ Op.Temp	PID NUMBER	DIFF. PRESS (BAR)	DRIVER		REMARKS
												TYPE	BHP (kW)	
P-0901 A/B	SOUR WATER PUMP	2	Centrifugal	Sour water	API 610 / (D-1)	0.5	0.91 / 4.39	45	0.990		2	Electrical	0.07	Intermittent Service
P-0902 A/B	CIRCULATION WATER PUMP	2	Centrifugal	Sour Water	API 610 / (D-1)	20	0.22/7.5	82	0.982		7.2	Electrical	18	
P-0903 A/B	TGT RICH SOLUTION PUMP	2	Centrifugal	Rich Amine Solution	API 610 / (D-1)	7.5	0.17/8	45	1.025		6.8	Electrical	7	
P-0904 A/B	AGE RICH SOLUTION PUMP	2	Centrifugal	AGE Rich solution	API 610 / (A-8)	7.5	6.7/ 8	63	1.031		1.3	Electrical	1.5	
P-0905 A/B	ACID CONDENSATE PUMP	2	Centrifugal	Sour Water	API 610 / (S-8)	1.5	0.91 / 1.7	57	0.990		0.9	Electrical	0.11	Intermittent Service. PWHT, SSC/HIC resistant material according to NACE MR 0175/ISO 15156 are required.
P-0906 A/B	LEAN SOLUTION PUMP	2	Centrifugal	Lean Amine Solution	API 610 / (A-8)	13	0.95/8	63	0.997		7	Electrical	36	
P-0907 A/B	REFLUX PUMP	2	Centrifugal	Sour Water+MDEA	API 610 / (D-1)	2	2/5.5	45	0.990		4.5	Electrical	0.5	
P-0908	SLOP PUMP	1	Centrifugal	Amine Slop	API 610 / (S-8)	8	0.51 / 7.56	5 - 90	0.98 - 1.046		7.1	Electrical	4	PWHT, SSC/HIC resistant material according to NACE MR 0175/ISO 15156 are required.
P-0909	MDEA STORAGE TANK PUMP	1	Centrifugal	MDEA	API 610 / (S-1)	20	0.91 / 7.79	5 - 60	0.99 - 1.046		6.7	Electrical	9.3	PWHT and HIC resistant material according to NACE MR 0175/ISO 15156 are required.
P-0910 A/B	SULFUR DEGASSING PUMP	2	Centrifugal	Liquid Sulfur	API 610 / (S-1)	11	0.043 / 6.3	135	1.794		6.1	Electrical	5.4	PWHT, SSC/HIC resistant material according to NACE MR 0175/ISO 15156 are required.
P-0911 A/B	SULFUR DEGASSING & TRANSFER PUMP	2	Centrifugal	Liquid Sulfur	API 610 / (S-1)	11	0.043 / 6.3	135	1.794		6.1	Electrical	5.4	PWHT, SSC/HIC resistant material according to NACE MR 0175/ISO 15156 are required.
P-0912 A/B	CONDENSATE PUMP	2	Centrifugal	LP Condensate	API 610 / (S-4)	14	1.36 / 13.4	121	0.942		13.2	Electrical	12.9	
P-0913 A/B	SULFUR TRANSFER PUMP	2	Centrifugal	Liquid Sulfur	API 610 / (S-1)	1.3	0.087 / 5	135	1.794		4.2	Electrical	0.6	PWHT, SSC/HIC resistant material according to NACE MR 0175/ISO 15156 are required.
P-114 A/B	HP BOILER FEED WATER PUMP	2	Centrifugal	HP BFW	API 610 / (C-6)	8.5	32.5 / 35	115	0.948		2.7	Electrical	0.6	

NOTE: Differential head & BHP should be finalized in detail engineering