





























UNIT #	DESCRIPTION	PROCESS LICENSORS (DESIGNER - D)	START UP YEAR	ORIGINAL DESIGN CAPACITY BPD	MAX. OPERATING CAP (BPD)	REMARKS
63	H-OIL VACUUM DISTILLATION UNIT	FOSTER WHEELER (D)	1978	42,700 BPD	46,000 BPD	
64	COOLING WATER SYSTEM	PAHARPUR	1978	24,000 GPM	20,000 GPM	
68	ISOCRACKER UNIT	CHEVRON, USA	1978	44,000	46,000	
74	SULPHUR RECOVERY UNIT	R.M.PARSONS	1978	600 LT/D	500 LT/D	Revamp by Parsons in Year 2004
75	TAIL GAS TREATING UNIT	AXENS	2006	2440 KSCH	2440 KSCH	
60 (PART)	OFFSITE PIPING	---	---	---	---	Some Piping are required to be retained.

The retiring Units shall be sold as a single package, inclusive of its associated Piping & Structural, Sub Stations, Satellite Instrument Houses, and proprietary Spares.



UNIT #	DESCRIPTION	PROCESS LICENSORS (DESIGNER - D)	START UP YEAR	ORIGINAL DESIGN CAPACITY BPD	MAX. OPERATING CAP (BPD)	REMARKS
22 (PART)	COOLING WATER SYSTEM (COOLING TOWER, PUMPS AND ASSOCIATED PIPING)	MARLEY	1968	40,000 GPM	30,000 GPM	Drinking water system and Eyewash & Safety Shower System are to be retained. (Drinking water pumps – P-22-01A, P-22-02 A/B, P-22-03A/B, Chilled water Pumps - P-22-PP1, P-22-PP2, P-22-SP1 & P-22-SP2, RE-22-01, TK-22-ST1 and associated piping to be retained.)
23 (PART)	SEA COOLING WATER SYSTEM (sea cooling water exchangers E-23-01 A/B/C/D , E-29-02 and associated piping)	---	---	---	---	Seawater cooling system (Underground Piping with Valves to be retained for Firewater back-up)
29 (PART)	FUEL GAS SYSTEM	---	1968	---	---	Drinking water system, Instrument Air / Plant Air distribution and part of Offsite Piping are to be retained. (Drinking water Pumps P-29-13 & P-29-14A/B, Drinking Water Tank TK-29-01/02, Shipping Area Pump – P-29-03, Surface Drainage Water to API Pumps – P-29-05A/B/C, Sump Pit Pump – P-29-08 and associated Piping to be retained)
	FLARE SYSTEM	---	1968	---	---	
	FLARE GAS RECOVERY UNIT	---	2002	18.7 MMSCFD	18.7 MMSCFD	
	DMDS SYSTEM	---	1968	---	---	
	INSTRUMENT AIR COMPRESSORS & ACCESSORIES	---	1968	772 SCFM x 3	1594 SCFM	
	PLANT AIR COMPRESSORS & ACCESSORIES	---	1968	1000 SCFM x 2 1500 SCFM x 1	---	
	INSTRUMENT AIR DRYERS	---	1968	1594 SCFM x 2 715 SCFM X 1	---	
35	SULPHUR DEGASSING UNIT	FLUOR	1968	591 LT/D	---	
61	ACID GAS REMOVAL PLANT	KELLOG - UOP	1978	72.2 MMSCFD	60 MMSCFD	
62	HYDROGEN PRODUCTION UNIT	FOSTER WHEELER (D)	1978	74 MMSCFD	74 MMSCFD	



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09	NAPHTHA FRACTIONATOR UNIT	FOSTER WHEELER (D)	1968	65,000	65,000	
10	NAPHTHA UNIFINER UNIT	UNOCAL - UOP	1968	26,060	26,000	
11	KEROSENE UNIFINER UNIT	UNOCAL- UOP	1968	34,250	35,000	
12	LIGHT DIESEL UNIFINER UNIT	UNOCAL -UOP	1968	12,600	17,000	
13	HEAVY DIESEL UNIFINER UNIT	UNOCAL- UOP	1968	9,300	12,000	
14	AMINE TREATING UNIT	FOSTER WHEELER (D)	1968	124.2 MMSCFD	124 MMSCFD	
15 (PART)	AMMONICAL WATER TREATMENT UNIT	CHEVRON	1968	140 GPM	140 GPM	Tank-15-476, P-15-14 – Oil Skimming Pump, P-15-15 – Feed Pump and associated piping to be retained.
15C	SOUR WATER CONCENTRATOR	CHEVRON	1981	340 GPM	340 GPM	
17	KEROSENE MEROX UNIT	UOP	1968	15,000	20,000	P-17-02A – Kerosene feed Pump to be retained.
19	DEMINEALIZING UNIT	FOSTER WHEELER	1978	1450 GPM	1450 GPM	
20 (PART)	BOILERS	---	---	---	---	Distilled water Tanks TK-20-471 / TK-20-475 / TK-20-480, Pump P-20-07A, P-20-10A and associated piping to be retained.
20 A	BOILER A	FOSTER WHEELER	1968	300 KLB/HR	300 KLB/HR	
20 B	BOILER B	FOSTER WHEELER	1968	300 KLB/HR	300 KLB/HR	
20 C	BOILER C	FOSTER WHEELER	1968	300KLB/HR	300 KLB/HR	
20 D	BOILER C	FOSTER WHEELER	1978	300 KLB/HR	300 KLB/HR	



ANNEXURE 1

A BRIEF SUMMARY OF THE SALE ASSETS

Following is the list of Units included in scope of sale; this may change during the Work as the CFP project continues; any such changes will be communicated to the Buyer well in advance.

UNIT #	DESCRIPTION	PROCESS LICENSORS (DESIGNER - D)	START UP YEAR	ORIGINAL DESIGN CAPACITY BPD	MAX. OPERATING CAP (BPD)	REMARKS
01	BURGAN GAS UNIT	FOSTER WHEELER (D)	1968	73.3 MMSCFD	73.3 MMSCFD	
02E	HYDROGEN PRODUCTION UNIT	FOSTER WHEELER (D)	1968	74 MMSCFD	74 MMSCFD	
02W	HYDROGEN PRODUCTION UNIT	FOSTER WHEELER (D)	1968	74 MMSCFD	74 MMSCFD	
03	HYDROGEN COMPRESSION UNIT	---	1968	---	228 MMSCFD	
04	SULPHUR RECOVERY UNIT	FOSTER WHEELER (D)	1968	600 LT/D	500 LT/D	Revamp by Parsons in Year 2004
05	CATALYTIC REFORMER UNIT	IFP,FRANCE - AXENS	1968	15,820	15,000	
06	CRUDE AND VACUUM UNIT	FOSTER WHEELER (D)	1968 (1973)	95,000 (180,000)	200,000	
06F	FOUL WATER TREATING UNIT	FOSTER WHEELER (D)	1968	350 GPM	350 GPM	
07A	H-OIL TRAIN-A	IFP,N. AMERICA - AXENS	1968	36,000 (14,400 FRESH FEED + 21,600 RECYCLE)	27,000	H-Oil Units partially damaged in the Fire Incident in Aug. 2015.
07B	H-OIL TRAIN-B	IFP,N. AMERICA - AXENS	1968	36,000 (14,400 FRESH FEED + 21,600 RECYCLE)	27,000	
08	ISOMAX UNIT	CHEVRON, USA	1968	23,000 +13,000 RECY	23,000 + 13,000 RECY	