SULPHER RECOVERY UNIT

EQUIP.NO	DESCRIPTION	EMPTY WT.(K	No of eq	Total weight	DRG. NO	SHELL INNER DIA	SHELL THICKNESS	HEIGHT (LENGTH)	SHELL MATERIAL	TUBE DIA	THICKNESS	HEIGHT(LENGTH)	TUBE MATERIAL	NO OF TUBES	REFERENCE
78-C-001	ACID GAS K.O.DRUM	1350	1	1350	OFY-1-158	797	8	2.412	SA 516 GR 60						
78-C-002	SOUR GAS K.O.DRUM	1100	1	1100	OFY-1-159	492	8	2.45	SA516 GR 60 (NALE)						
78-C-003	NH3 RICH GAS K.O.DRUM	1100	1	1100	OFY-1-160	492	8	2.45	SA 516 GR 60						
78-C-004	ACID GAS COND.COLLN.POT	1050	1	1050	OFY-1-161	784	8	2.2	SA 516 GR 60						
78-C-005	FUEL GAS K.O.DRUM	800	1	800	OFY-3-162-2	594	8	2.125	SA 516 GR 60						
78-C-006	H2 RICH GAS K.O.DRUM	800	1	800	OFY-3-163-2	594	8	1.925	SA 516 GR 60						
78-C-007	BLOW DOWN DRUM	546	1	546	OFY-1-164	598	6	1.5	IS2062 GR A						
78-C-008	ATMOS. COND. FLASH DRUM	1250	1	1250		N/A	N/A	N/A	N/A						208-C-10
78-C-009	CHEMICAL INJ. POT	650	1	650	OFY-1-165	792	4	2.2	SA 240 TP 304						
78-C-010	LPG VAPORISER DRUM	950	1	950	OFY-1-166	580	10	1.665	SA 516 GR 60						
78-C-101/201	CONVERTER-1	9600	2	19200	OFY-1-132	2772	14	3.05	SA 516 GR 60						
78-C-102/202	CONVERTER-2	12000	2	24000	OFY-1-133	3072	14	3.95	SA 516 GR 60						
78-C-103/203	CONVERTER-3	12000	2	24000	OFY-1-133	3072	14	3.95	SA 516 GR 60						
78-C-104/204	CONVERTER-4	12000	2	24000	OFY-1-133	3072	14	3.95	SA 516 GR 60						
78-F-101/201	MAIN COMBUSTION CHAMBER	7700	2	15400	A74505-D-04533	2000	16	6	SA 516 GR 60						
78-F-102/202	LINE BURNER MIXING CHAMBER	3400	2	6800	A74505-D-04530	1200	10	4.05	SA 515 GR 6						
78-F-001	THERMAL INCINERATOR	11400	1	11400	A74505-D-04531	2000	16	7.675	SA 516 GR 70						
78-E-001	ACID GAS PRE-HEATER	713	1	713	HL-673/98/1	3238	8.38	1.972	SA106 GR B	25	2	2	SA213 TP 304	66	
78-E-002	BFW HEATER	1150	1	1150	UHE-4346/B	336.6	9.5	3.972	SA106 GR B	25	2.5	4	SA192 (KILLED)	51	
78-E-101/201	WASTE HEAT BOILER	38000	2	76000	W580-02-GA-001	3504&1000	12&16	5.054&4	SA 516 GR 60	48.3	5.1	5.11	SA 192	103	
78-E-102/202	SULPHUR CONDENSER-1	9200	2	18400	W584-01-GA-001 (SH . 1 OF 2)	1150	14	5.994	SA 516 GR 60	38.1	3.4	6	SA 179	100	
78-E-103/203	REHEATER-2	4080	2	8160	HL-676/98/1	625	10	4.975	N/A	25	2.5	5.003	SA 179	241	
78-E-104/204	SULPHUR CONDENSER-2	9200	2	18400	W584-03-GA-001 (SH . 1 OF 2)	1150	14	6	SA 516 GR 60	38.1	3.4	6.5	SA 179	90	
78-E-105/205	SULPHUR CONDENSER-3	11000	2	22000	W584-05-GA-001 (SH . 1 OF 2)	1150	14	7.494	SA 516 GR 60	31.75	3.4	7.5	SA 179	134	
78-E-106/206	SULPHUR CONDENSER-4	11000	2	22000	W584-06-GA-001 (SH . 1 OF 2)	1150	14	7.494	SA 516 GR 60	31.75	3.4	7.5	SA 179	134	
78-E-107/207	SULPHUR CONDENSER-5	11000	2	22000	W584-07-GA-001 (SH . 1 OF 2)	1150	14	7.494	SA 516 GR 60	31.75	3.4	7.5	SA 179	134	
78-E-108/208	STEAM CONDENSER	980	2	1960	196212010	N/A	N/A	N/A	N/A	25	2.5	3	SA 179	63	
78-E-003	LPG VAPORISER	175	1	175	UHE-4346/C	N/A	N/A	N/A	N/A	20	2	1.631	SA 179	32	
78-B-101/201	MAIN BURNER	4340	2	8680	20.197.54/20.196.40	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
78-B-102/202	LINE BURNER	915	2	1830	20.196.48	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
78-B-001	INCINERATOR BURNER	1650	1	1650	1403-101	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
78-G-001A/B	ACID GAS COND. PUMPS	507	2	1014	DM033259	N/A	N/A	N/A	N/A						
78-G-002A/B	CONDENSATE PUMPS	1696	2	3392		N/A	N/A	N/A	N/A						90-G-603A/B
78-G-003A/B	CHEMICAL INJ. PUMPS	2400	2	4800		N/A	N/A	N/A	N/A						
78-G-004A/B	SULPHUR PUMPS	752	2	1504		N/A	N/A	N/A	N/A						90-G-401A/B
78-G-005A/B	SULPHUR PUMPS	688	2	1376											
78-K-001A/B/C	COMBUSTION AIR BLOWERS	5950	3	17850	MA5A0358	N/A	N/A	N/A	N/A						
78-K-002A/B	INCINERATOR AIR BLOWER	1000	2	2000		N/A	N/A	N/A	N/A						
78-D-001	SULPHUR PIT(steam coil)	6800	1	6800		N/A	N/A	N/A	N/A						210 sulphur pit coil
78-D-002	SULPHUR YARD	NA	1	0		N/A	N/A	N/A	N/A						
78-X-001	SULPHUR PELLETISER	200000	1	200000		N/A	N/A	N/A	N/A						
78-X-002	VENT STACK	50000	1	50000		N/A	N/A	N/A	N/A						
78-X-101-102	SULPHUR SEAL POT	1200	2	2400	A74505-D04951	N/A	N/A	N/A	N/A						
78-X-102-107/202-2	SULPHUR SEAL POT	1200	11	13200	A74505-D04951	N/A	N/A	N/A	N/A						
78-H-001A/B	SULPHUR PIT EJECTORS	200	2	400	30/E/2055/1	N/A	N/A	N/A	N/A						

SOUR WATER STRIPPER

EQUIP.NO	DESCRIPTION	EMPTY WT.(KGS)			DRG. NO	SHELL INNER DIA	THICKNESS	HEIGHT (LENGTH)	SHELL MATERIAL	TUBE DIA	THICKNESS	HEIGHT(LENGTH)	TUBE MATERIAL	NO OF TUBES	
80-C-01	1-ST STAGE STRIPPER	16400	1	16400	O-PV-225-00185	900X900X900X90	22X18X10X8	5.35X5.9X4.25	SA516 GR 60 (NALE HIC)XSA516 GR 60 (NALE HIC)XSA 240 GR 316LXSA240 GR 316L						
80-C-02	2-ND STAGE STRIPPER	14350	1	14350	O-PV-226-00186	1100X1100X1100	16X14X6	4.46X4.94X11.	SA516 GR 60 (NALE HIC)XSA516 GR 60 (NALE HIC)XSA 240 GR 316L						
80-C-03	SOUR WATER SURGE DRUM	3900	1	3900	OFY-1-172	1576	12	4.75	SA516 GR 60 (NACE+HIC)						
80-C-04	SOUR WATER BLOW DOWN DRUM	6850	1	6850	OFY-1-173	1768X650	16X16	5X0.6	SA 516 GR 60 (NALE)XSA 516 GR 60						
80-C-05	1-ST STAGE CONDENSATE POT	350	1	350	OFY-1-174	484	8	0.9	SA 516 GR 60						
80-C-06	2-ND STAGE CONDENSATE POT	350	1	350	OFY-1-175	488	8	0.9	SA 516 GR 60						
80-E-01	FEED MIX COOLER	3010	1	3010	UHE-4346/E	475	10	5.793	SA 516 GR 60	25	2	6	SA213 TP 316 L	106	
80-E-02	FEED/ BOTTOM EXCH.-1	2400	1	2400	UHE-4346/F	387.4	9.5	5.791	SA106 GR B	25	2	6	SA213 TP 316 L	64	
80-E-03A/B	FEED/ BOTTOM EXCHANGER-2	1600	2	3200	UHE-4346/G										
80-E-04	1-ST STAGE COL. REBOILER	4650	1	4650	UHE-4346/H	1200	14	4.96	SA 516 GR 60	25	25	8.962	SA213 TP 316 L	120 U	
80-E-05	2-ND STAGE COL.REBOILER	12360	1	12360	UHE-4346/I	1600	14	7.234	SA 516 GR 60	25	2	13.565	SA213 TP 316L	350 U	
80-E-06	STRIPPED WATER COOLER	3450	1	3450	UHE-4346/J	525	10	5.787	SA 516 GR 60	25	2	6	SA 179	150	
80-E-07	1-ST STAGE CR COOLER	650	1	650	UHE-4346/K	205.1	7	3.793	SA106 GR B	25	2	4	SA213TP 316 L	12	
80-E-08	2-ND STAGE CR COOLER	4600	1	4600	UHE-4346/L	600	10	5.777	SA 516 GR 60	25	2	6	SA213 TP316 L	196	
80-G-01A/B	1-ST STAGE SWS FEED PUMPS	1800	2	3600											88-G-01A/B
80-G-02A/B	1-ST STAGE CR PUMPS	546	2	1092	KF-547-06-02-1										
80-G-03A/B	STRIPPED WATER PUMPS	701	2	1402	KF-547-07-02-1										
80-G-04A/B	2-ND STAGE CR PUMPS	492	2	984	KF-547-08-02-1										
80-G-05A/B	SOUR WATER BLOWDOWN PUMPS	1106	2	2212											88-G-05A/B
80-D-01	SOUR WATER STORAGE TANK	30000	1	30000											