

S-CON SURPLUS CRYO PLANT

TYPE OF EQUIPMENT	TAG #	DWG #	DESCRIPTION	SIZE	DESIGN PRESSURE	DESIGN TEMPERATURE	WEIGHT	SKID #	STATUS	HYDRO TEST (PSIG)	MOTOR SIZE	COMMENTS
TOWER	T-248	FS-210	DEMETHANIZER	66" ID X 54" ID X 93' S/S 304 SS	375	-200/150	67,000	STAND ALONE	PRESENT			INTEGRAL W/COLD SEPARATOR
VESSEL	V-251	FS-210	COLD SEPARATOR	54" ID X 12'-0" S/S	1100	-50/150	5,000	STAND ALONE	PRESENT			INTEGRAL W/DEMETHANIZER
VESSEL	V-286	FS-219	EXPANDER LUBE OIL TANK	24" OD X 7' S/S	375	200	1,471	EXPANDER SKID	PRESENT			
VESSEL	M-290	FS-219	LUBE OIL ACCUMULATOR BOTTLE		625	170	200	EXPANDER SKID	PRESENT			
FILTER	F-284	FS-219	EXPANDER LUBE OIL FILTERS	APR. 8.5 ID X 4'-0" S/F	682	190	200	EXPANDER SKID	PRESENT			ELEMENT PP-618-10
FILTER	F-285	FS-219	EXPANDER LUBE OIL FILTERS	APR. 8.5 ID X 4'-0" S/F	682	190	200	EXPANDER SKID	PRESENT			ELEMENT PP-618-10
FILTER	F-287	FS-219	EXPANDER LUBE OIL GUARD FILTER	APR. 8.5 ID X 4'-0" S/F	676	137	200	EXPANDER SKID	PRESENT			ELEMENT PP-618-10
EXCHANGER	E-242	FS-210	PRODUCT HEATER	3748 MBTU/HR BEM 19-552	TUBES: 1100 SHELL: 1440	TUBES: 150 SHELL: 100	21,500	STAND ALONE	NOT WITH PLANT			
EXCHANGER	E-243	FS-210	DEMETHANIZER RE-BOILER	3284 MBTU/HR	WARM SIDE: 1100 COLD SIDE: 375	WARM SIDE: -200/150 COLD SIDE: -200/150		STAND ALONE	PRESENT			NEW BRAZED ALUMINUM
EXCHANGER	E-244	FS-210	DEMETHANIZER SIDE RE-BOILER	7000 MBTU/HR	WARM SIDE: 1100 COLD SIDE: 375	WARM SIDE: -200/150 COLD SIDE: -200/150		STAND ALONE	PRESENT			NEW BRAZED ALUMINUM
EXCHANGER	E-245	FS-210	GAS/GAS EXCHANGER	13026 MBTU/HR	WARM SIDE: 1100 COLD SIDE: 375	WARM SIDE: -200/150 COLD SIDE: -200/150		STAND ALONE	PRESENT			NEW BRAZED ALUMINUM
EXCHANGER	E-246	FS-210	REFLUX CONDENSER	9266 MBTU/HR	WARM SIDE: 1100 COLD SIDE: 375	WARM SIDE: -200/150 COLD SIDE: -200/150		STAND ALONE	PRESENT			NEW BRAZED ALUMINUM
EXCHANGER	E-247	FS-210	TRIM RE-BOILER	6123 MBTU/HR	TUBES: 375 SHELL: 150	TUBES: 175 SHELL: 650	4,400	STAND ALONE	PRESENT			SHELL AND TUBE
COOLER	AC-250	FS-211	BOOSTER COMPRESSOR DISCH. COOLER	2616 MBTU/HR	375	200	28,162	COMBO COOLER	PRESENT		(2) 15 HP	COMB. WITH AC-225/281
COOLER	AC-281	FS-219	EXPANDER LUBE OIL COOLER	99 MBTU/HR	675	200	SEE ABOVE	COMBO COOLER	PRESENT		(2) 15 HP	COMB. WITH AC-225/250
COOLER	AC-225	FS-205	PRODUCT COOLER	800 MBTU/HR	1440	250	SEE ABOVE	COMBO COOLER	PRESENT		(2) 15 HP	COMB. WITH AC-281/250
COOLER	AC-267	FS-213	REFRIGERANT CONDENSER	15,452 MBTU/HR	300	300	34,827 ea	STAND ALONE	PRESENT		(6) 30 HP	THERE IS 3 SECTIONS
PUMP	P-256	FS-212	PRODUCT PUMP	470 GPM @ 580 PSID, BHP 212, 3600 RPM			3000	STAND ALONE	PRESENT		250 HP	2791 TDH
PUMP	P-257	FS-212	PRODUCT PUMP	470 GPM @ 580 PSID, BHP 212, 3600 RPM			3000	STAND ALONE	PRESENT		250 HP	2791 TDH
PUMP	P-258	FS-212	PRODUCT PUMP (MISSING)	SPARE (MISSING) SAME AS ABOVE			3000	STAND ALONE			250 HP	2791 TDH
PUMP	P-282	FS-219	EXPANDER LUBE OIL PUMP	22 GPM @ 200 PSID			150	EXPANDER SKID	PRESENT		5 HP	
PUMP	P-283	FS-219	EXPANDER LUBE OIL PUMP	22 GPM @ 200 PSID			150	EXPANDER SKID			5 HP	
EXPANDER	EC-249	FS-211	EXPANDER	K-18, 888 BHP, 90,176 LBS/HR, 28,000 RPM, 947 HP	INLET: 780 DISCHARGE: 270	INLET: -35 DISCHARGE: -106	3000	EXPANDER SKID	PRESENT			TEXAS TURBINE
COMPRESSOR	EC-249	FS-211	BOOSTER COMPRESSOR	K-18, 865 BHP, 141,599 LBS/HR, 28,000 RPM 947 HP	INLET: 245 DISCHARGE: 292	INLET: 110 DISCHARGE: 141	SEE ABOVE	EXPANDER SKID	PRESENT			TEXAS TURBINE