

STOS Maui Production Station Surplus to Requirement Equipment register:

<u>Item No</u>	<u>Name</u>	<u>Size</u>	<u>Design</u>
E-0101A	Gas Exchanger	17213000 MBTUH	825 PSIG @ -0.4 / 100F (Tube) 825 PSIG @ -31 / 100F (Shell)
E-0101B	Gas Exchanger	17213000 MBTUH	825 PSIG @ -20 / 100F (Tube) 825 PSIG @ -31 / 100F (Shell)
E-0102	Gas Chiller	4115 MBTUH	825 PSIG @ -20 / 100F (Tube) 250 PSIG @ -31 / 100F (Shell)
E-0112	Condensate Heater	1474 KW	56.9 barg @ -29/93°C 56.9 barg @ -35/93°C
E-0114	Glycol Heater	314 KW	56.9 barg @ -35/93°C 56.9 barg @ -29/93°C
V-0113	Condensate/Glycol Separator	2.2m I.D. X 5.5m T/T	56.9 barg @ -29/38°C
E-0104	Refrigerant Sub Cooler	1179 MBTUH	250 PSIG @ 32/100F (TUBE) 825 PSIG @ 32/100F (SHELL)
E-0105	Refrigerant Condenser	7200 MBTUH	250 PSIG @ 32/100F (TUBE) 825 PSIG @ 32/100F (SHELL)
E-0201A	Gas Exchanger		825 PSIG @ -0.4 / 100F (Tube) 825 PSIG @ -31 / 100F (Shell)
E-0202	Gas Chiller	4115 MBTUH	825 PSIG @ -20 / 100F (Tube) 250 PSIG @ -31 / 100F (Shell)
V-0203	Chiller Separator	90" I.D. X 20' - 0" T/T	825 PSIG @ -31/100F
E-0204	Refrigerant Sub Cooler	1179 MBTUH	250 PSIG @ 32/100F (TUBE) 825 PSIG @ 32/100F (SHELL)
E-0205	Refrigerant Condenser	7200 MBTUH	250 PSIG @ 32/100F (TUBE) 825 PSIG @ 32/100F (SHELL)
V-0701	Condensate Inlet Separator	84" I.D. X 20'-0 T/T	450 PSIG @ 100F
E-0702	Deethanizer Feed/Bottoms Exchanger	6019 MBTUH	450 PSIG @ 200F (TUBE) 450 PSIG @ 400F (SHELL)
V-0703	Deethanizer	36" I.D. X 22' T/T (Upper) 66" I.D. X 30' T/T (Lower)	450 PSIG @ -20/400F
E-0704	Deethanizer Reboiler	27343 MBTUH	150 PSIG @ 600F (Tube) 450 PSIG @ 400F (Shell)
V-0723	Glycol Separator	24" O.D. X 3'-6" LG.	545 PSIG @ 600F
E-0705	Deethanizer Condenser	2311 MBTUH	450 PSIG @ -20/100F (Tube) 250 PSIG @ -20/100F (Shell)
V-0706	Deethanizer Reflux Accumulator	1067 I.D. X 3048 T/T	450 @ -20/100F
V-0709	Debutanizer	60" I.D. X 102' T/T	150 PSIG @ 400F
E-0710	Debutanizer Reboiler	15532 MBTUH	150 PSIG @ 600F (Tube) 150 PSIG @ 400F(Shell)
E-0711	Debutanizer Condenser	13286 MBTUH	150 PSIG @ 150F
V-0714	Debutanizer Reflux Accumulator	60" I.D. X 12' T/T	150 PSIG @ 150F
E-0715	Condensate Rundown Cooler	18973 MBTUH	150 PSIG @ 400F
V-0801	Condensate Inlet Separator	2040mm I.D. X 4500mm T/T	450 PSIG @ 100F
E-0802	Deethanizer Feed/Bottoms Exchanger	1617 KW	34.5 bar(g) @ 93C (TUBE) 34.5 bar(g) @ 214C (SHELL)
V-0803	Deethanizer	1675mm I.D. x 11785T/T 66" I.D. X 30' T/T (Lower)	34.5 bar(g) @ -29/214C

E-0804	Deethanizer Reboiler	4039 KW	10.3 bar(g) @ 316C (Tube) 34.5 bar(g) @ 214C(Shell)
E-0805	Deethanizer Condenser	851 KW	34.5 bar(g) @ -29/38C (Tube) 17.2 bar(g) @ -35/38C (Shell)
V-0806	Deethanizer Reflux Accumulator	1250mm x 2500mm	34.5 bar(g) @ -29/38C
V-0728	Depropanizer	1067mm I.D. X 15750mm T/T	16.5 bar(g) @ 125C
E-0731	Depropanizer Reboiler	1558 KW	17.5 bar(g) @ 205C (Tube) 12.3 bar(g) @ 205C (Tube)
E-0732	Depropanizer Condenser	1444 KW	17.3 bar(g) @ 75C
V-0729	Depropanizer Reflux Accumulator	1219mm I.D. X 3600mm T/T	17.3 bar(g) @ 75C
V-4503	Utility Air Receiver	60" I.D. X 14' T/T	300 PSIG @ 450F
V-4503	Utility Air Receiver	60" I.D. X 14' T/T	300 PSIG @ 450F
V-4001	Intermediate Flash Drum	72" I.D. X 15' T/T	100 PSIG @ -20/100F
V-4003	Low Pressure Boot	42" I.D. X 8' T/T	20 PSIG @ -20/100F
H-5506	Heating Fluid Heater	52320 MBTUH	365 PSIG @ 800F
H-2502	Fuel Gas Heater	431 MBTUH	300 PSIG @ -20/600F (Tube) 450 PSIG @ -20/150F (Shell)
V-2503	Fuel Gas Knock-Out	36" O.D. X 8' T/T	210 PSIG @ 150F
V-6005	Flare Seal Drum	12' OD x 10' LG	
V-1021 note 1	Suction Scrubber	1800mm ID x 3000 T/T	17.24 barG @ 40/-42C
K-1006 note 1	Propane Compressor	Shaft KW 872.5	24385 /hr @ 12.4 BarG
V-1001 note 1	Suction Scrubber	1800mm ID x 3000 T/T	17.24 barG @ 40/-42C
K-1007 note 1	Propane Compressor	Shaft KW 872.5	24385 /hr @ 12.4 BarG
V-1004 note 1	Refrigerant Surge Tank	60" I.D. X 12' T/T	250PSIG @ 32/166F
V-1005 note 1	Refrigerant Surge Tank	60" I.D. X 12' T/T	250PSIG @ 32/166F

Note 1: Primary propane system is planned for abandonment by end 2011 and will be available for disposal Q1 2012.