

STETTLER OIL & GAS EQUIPMENT

TRIDENT EXPLORATION SELF-CONTAINED SEPARATOR PACKAGE: 16" x 8'-1440 PSI Separator c/w 100 Barrel Double Wall Tank.

1.0 VESSELS:

Separator: 16" x 8' S/S.
Mistex Pad & Inlet Deflector.
1440 PSI MAWP 3" 600 ANSI Inlet and Outlet.
Built in 2005/06, Alta., Sask. Registered.
Fuel Gas Scrubber - 4" x 30" c/w HLSD.
150 PSI W.P.
Registered Design for Alta. & Sask.

4.0 INSTRUMENTATION:

1-Meter Run, 2" Junior, Sch. 80 c/w 1" Bypass.
1-Chemical Pump, Texsteam MX Single Head c/w Rate Gauge, Check Valve & Spill Tray Under Liquid End of Pump.
1-High Liquid Level Shutdown, Wellmark Snaptrol on 100 Barrel Tank.
1-Inlet ESD Valve – Norriseal 2220 2" NPT.
1-C.V.S. Type 7970 Pressure Switch set at 100 PSI.
1-Amot 4057CP Latch.
1-Norriseal 1001A or Fisher L2 Level Controller on Vessel.
1-Norriseal Dump Valve, Model 2275 or Fisher D2, 3/8" Port.
1-1" Taylor Relief Valve, Model T8200-1 set at 1440 PSI.
1-Penberthy Site Glass, 1RL6 c/w 330J Gauge Valves & Isolation Valves.
3-Fisher 67CFR Instrument Regulators.
1-Taylor Relief Valve, 1/2" x 1" on Fuel Gas System set at 75 PSI.
1-Fisher 627 Fuel Gas Regulator, 2000 PSI Body, 35 – 80 PSI, Vented to Outside.
-3/8" Stainless Steel Tubing and Swagelok Fittings.

3.0 HEATER:

1-24" x 24" Ciscan Catalytic Heater c/w Hood, Vent & 30' cables.
-Sealed Electrical Connection & Permi

4.0 VALVES:

2-Nutron Ball Valves, 2" NPT, 3000 PSI.
1-2" NPT Newco Globe Valve for Flow Control.
1-2" Balon Ball Valve on Drain.
1-3" NPT Nutron Ball Valve on Load Line to Truck.
1-2" Crown Swing Check on Dump Line to Tank.
All Other NPT Valves Fortune.

5.0 SKID:

7'6" Wide and 18' Long.
6" Wide Flange Main Rail, 6" Wide Flange Cross Members.
3/16" Checker Plate Under Building.

6.0 BUILDING:

8' Wide, 6' Deep, and 7'6" High.
1-Door c/w Panic Hardware & Check Chain.
1-36" x 36" Window.
1 Wall Vent, 12" x 12" c/w Slider.
Galvalum Panel Walls, R12 Insulation.
Tank is Used as 1 Wall for Building.

7.0 TANKS:

1-100 Barrel Double Walled Round Storage Tank.
Tank is Heated by Catadyne Heater in Building.
Insulated with Spray-on Polyurethane Insulation, Black or Tan in Color.
Gauge Board on Outside of Tank.
24" Side Mount Manway, 6" Vent, 1 Site Glass for Secondary Monitor, HLSD
Connection.
Steel Envirobox on Truck Load Line.
2" Inlet, 3" Load Line to Truck, Ladder, and Thief Hatch.
1-500 Gallon Dual Wall, Steel Methanol Tank Mounted on Skid, Grey in Color.

8.0 PIPING:

All Necessary Valves, Gauges, Fittings, and Pipe Included.
600 ANSI Fittings - 3000 PSI. 600 ANSI Flanges - A105N.
600 ANSI Pipe - A106 Gr. B, Sch. 80.
150 ANSI Pipe and Fittings – 2000PSI, Sch. 80.
All 600 ANSI Piping Hydro-tested to 1.5 x Max. Allow. W.P.
AQP # 2982

9.0 TERMS:

CUSTOMER TO APPROVE P&ID PRIOR TO CONSTRUCTION.
P.O. ON ORDER.

OPTIONS TAKEN

SCADA OPTIONS:



1. Supply and Install CM-SCL-4202-50-SP-Z2-N4 – SCL RealFLO
4202GFC/Radio Panel c/w 12VDC-50Watt, 100 Ahr Solar Package, Nema Type
4. 24" x 24" Wall Mount Enclosure c/w Radio Transceiver. Also Included
Would be Control Microsystems Flow Computer with Multivariable
Sensor. Valve Steel Manifold & RTD Temperature Sensor. This Would Include
Shop Installation of Equipment Ready for Field Commissioning by Others.



2. Upgrade 4202 to Simark Scada LP Pak – Commissioning and Radio Setup Not
Included:
Simark Scada Pack, Nema Type 4, c/w
Control Microsystems Multivariable Transmitter.
Control Microsystems RTD Temperature Sensor.
316 Stainless Steel 5 Valve Manifold.
Control Microsystems SCADA Pack LP, Two Analog Outputs & 2 Run Gas.

3. Supply and Install Pressure Transmitter & Solenoid. Part Number ICP10.
A22D1C, 0-300 PSI Range.

4. Supply and Install Communication System.

MANNVILLE ZONE OPTIONS:

1. Install Simark Turbine & Totalizer c/w Bypass, Y Strainer & Prover Points
2. Supply and Install the Following Air Compressor:
Eagle PV02A, 2 Cylinder. 2 HP, 3 Phase, 208-230/460 Volts, 60 Hz, 1800 RPM. 60 US Gallon Vertical Air Receiver. 4-6 CFM After Dryer. PRV set at 120 PSIG. Free of Yellow Metal. Explosion Proof Motor. 1b. FILTER, HMD20-3 Hankinson Permeable Membrane Dryer. 3 Valve Bypass.
3. Supply and Install Water Pump, Sand Piper, Model G1F Metallic Design Level 1.
4. Enlarge Building from 6' x 8' to 7'6" x 8' To Install Air Compressor.



OPTIONS TO CONSIDER:

1. Change 16" x 8' x 1440 PSI Vessel to 12" x 5 x 1440 PSI Vessel.
2. Change Single C.V.S. Pump in Base Package to Low Consumption, Dual Headed Pump.
3. Install 2nd C.V.S. Model 5100 Methanol Pump.
4. Change Norriseal 2220, 2" NPT Inlet ESD Valve to Nutron 2" Full Port c/w Actuator Sized to Operate at 40 PSI.