

Terms : NET 30

Your Request : EMAIL

Item	Facility / Part / Rev / Description / Details	Quantity Quoted	Unit Price	Extended Price
001	Default FKOD 100 BBL FKOD 100 BBL			

Manufacture and Supply (1) 96" ID x 10' S/S FKOD package as Follows:

Vessel:

- 96" ID x 10' S/S
- Head: 96" ID x 3/8" Thick, ASME Semi-Elliptical, SA-516-70N
- Shell: 96" ID x 3/8" Thick, 10' Long, SA-516-70N
- Design and Fabricate Vessel to 2019 Edition ASME Boiler & Pressure Vessel Code Section VIII, Division 1
- Vessel Registration: Alberta
- ASME U Stamp: Yes
- Service: Sour
- Maximum Allowable Working Pressure: 50 PSI
- Design Temperature: Max 100F / Min -20F
- Design External Pressure: Nil
- Corrosion Allowance: 1/8"
- Hydrostatic Test: 75 PSIG
- NDE: - RT: Nil
- UT: Nil
- MPI: Nil
- P.W.H.T: Nil
- Impact Test: Nil
- Hardness Testing: Nil
- HIC: Nil
- Select Chemistry (Heads & Shells): Yes
- NACE MR 0175/ISO 15156
- MAXIMUM CARBON CONTENT = 0.23%
- MAXIMUM CARBON EQUIVALENT (CE) = 0.43%

Vessel Connections:

- (1) 24" CL150 RFWN Manway Connection c/w Blind Flange, Davit, Studs, Nuts, Gaskets, (3) Internal Rung
- (2) 8" CL150 RF Connection
- (2) 4" CL150 RF Connection C/W Stillwells
- (2) 3" CL150 RF Connection
- (1) 3" CL600 RF Connection

Vessel Attachments:

- (2) Standard Lifting Lugs
- (0) Standard Grounding Lugs
- (0) Standard Vortex Breaker
- (0) Standard Insulation Rings

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	- (1) Standard Inlet Deflector - Fireproofing Clips: Nil - Internal Material: SA-516-70N - Nozzle Material: SA-106-B - Flange Material: SA-105-N - Bolting Material: SA-193-B7M / SA-194-2HM - Gasket Material: 316 SS CG Graphoil Flexitallic - Vessel to Be Horizontal and Saddle Mounted - Saddle Material: SA-516-70N wear pad with SA36 Supports Piping: - (1) 3" Truck Out Spool - Select Chemistry Yes - Piping Design as Per ASME B31.3 latest edition - Hydrostatic Test: 1.5x Design Pressure - Design Pressure: - NDE: - RT: 5% - UT: Nil - MPI: Nil - PWHT: Nil - Piping Material: SA-106B SMLS - Flange Material: SA-105N - Welded Fitting Material: SA-234-WPB - Bolting Material: SA-193-B7M / SA-194-2HM - Gasket Material: 316 SS CG - Tubing Material: 316SS SMLS c/w Swagelok Fittings Skid & Structural: - (1) 8' Wide x 16' Long Skid - Main/Secondary Runner Material: WF Beam/Channel - (2) 4" XH Pipe Pulls - (1) Pipe Supports As Required Finishing: - External Sandblast: SSPC-SP6 - External Primer: One (1) Coat Carbogaurd Epoxy Primer - External Finish: Two (2) Coats Carbothane Urethane Topcoat (one color) - Internal Sandblast: SSPC-SP-5 - Internal Coating: Devoe 253 as Per Manufactures Specs - Insulation: 2" Spray Foam Insulation Underside of Skid - Insulation: 2" Spray Foam Insulation - Heat Tracing: Nil Building/Heating: - (1) 12" X 24" 12 Volt Natural Gas Catadyne Heater c/w Vent Hood - (1) Between Saddle Enclosure: 1-1/2" SEA Rigid Urethane Insulation Undereath Vessel, Between Saddles c/w (1) Access Doors And (2) 4" Vents Valves: - (1) 3" 150 RF RP NACE BALL VALVE - (1) 1/2" THRD BALL VALVE			

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	- (1) 1" THRD BALL VALVE			
	Instrumentation:			
	- (1) TGS 5020 Level Gauge Sealed			
	- (1) 1" Restriction Orifice Union			
	Electrical:			
	- Nil			
	Design and Engineering:			

Notes: