

TVK Inventory – Information Sheet

ITEM

16" Sweet Service 3 Phase Vertical Separator / Tank Package – 14-5324

BASIC DESCRIPTION

16" X 7'6" Vertical Separator and 100 BBL Double Wall Tank

Year Built: 2014

Condition: NEW, Never used.

Location: Innisfail, AB

Quantity: 2

Serial Number: 16051 & 16056

VESSEL DETAILS

- 16" x 7'6"s/s, 600# ANSI, 1,440 psi, 3-Phase Vertical Mistex c/w
- 0.844" Thick SA-106-B Shell
- 0.875" Thick SA-516-70 Heads
- 1,440 psig Design Pressure
- 100° F Design Temperature
- 1/6" Corrosion Allowance
- 2" 600# ANSI RFF -Inlet & Gas Outlet Nozzles
- 2" 600# ANSI RFF –PSV Connection
- 2"NPT 6000# Coupling -LC, LCV, Drain, & HLSD Nozzles
- 3/4"NPT 6000# Coupling -LG, TI Nozzles
- 1/2" NPT 6000# Coupling –PI Nozzle
- 6" Thick, 9#/Cu. ft. Density, 304 SST Mistex Pad
- Inlet Diverter, Float Hood Baffles & Internals
- Radiography to Code
- Hydro-tested to Code
- ABSA stamped and registered in Alberta

TANK DETAILS

- 19,500L Double Wall Combination Liquids & Methanol Tank
- Steel horizontal design
- 100 BBL (15000L) Liquids Storage & 1000 gallon (4500L) Methanol Storage
- Designed and constructed using ULC-603.1 as a guideline c/w manufacturers label
- Dimensions; 8'-6" Dia. x 12'-6" Shell Length
- Ends; Flat & Flanged ASTM A36 3/16" Thick
- Primary Shell; ASTM A36 3/16" Thick
- Secondary Sell; ASTM A36 10-11 Gauge Thick /300° Wrap
- Design Pressure; 2.0 psi
- (2) 6" 150# ANSI RFSO Vent Nozzles
- (2) 4"NPT Tank Flange; -(1) Inlet Nozzle -(1) Spare c/w Plug

TVK Inventory – Information Sheet

- (1) 3"NPT 3,000# Coupling; -(1) Suck Out Nozzle
- (1) 2"NPT 3,000# Coupling; -(1) LSH Nozzle (Future)
- (1) 2"NPT 3,000# Coupling; -(1) Fill / Discharge Nozzle Methanol
- (3) ½"NPT 3,000# Coupling -(2) Primary Tank LG Nozzles -(1) Interstice Monitor LG Nozzle
- Name Plate
- Vacuum Test Interstice In Accordance With ULC
- Air-Soap Test Primary Tank To 2.9 - 4 psi
- Steel Tank Saddles c/w Straps
- Interior Finish; Nil
- Exterior Finish; 1 Coat Of Black Gilsonite/Neotar Paint
- C/w Double Walled Manway 36" High x 24" Wide