

**PRESSURIZED STORAGE TANK**

**UNIT: ST004**

**PERFORMANCE**

Maximum Operating Pressure	50 PSI (345 kPa)
Minimum/Maximum Rated Operating Temperature of Vessel	-49°F / 100°F (-45°C / 38°C)
Liquid Storage Capacity	15.9 m <sup>3</sup> (100 bbl)

**VESSEL**

Vessel Diameter	72" (1,829 mm)
Vessel Length S/S	20' (6.10 m)
Corrosion Allowance	0.125" (3.20 mm)
Radiographic Testing	RT-1
Post Weld Heat Treatment	Yes
Inlet Nozzle Size	2" (50.8 mm)
Truck Out Nozzle Size	3" (76.2 mm)
Vapour Outlet Nozzle Size	2" (50.8 mm)
PSV Nozzle Size	8" (203.2 mm)

**INSTRUMENTATION**

Level Gauge	Penberthy
Level Switch High	SOR 1510C
Level Switch Low	SOR 1510C

**FEATURES**

Ruffneck FX5 Electric Enclosure Heater
Removable Ladder and Platform
2.5" Calcium Silicate Insulation

**SHIPPING DIMENSIONS**

Width	9' (2.74 m)
Length	24' (7.32 m)
Height	10' (3.05 m)
Weight Estimate	20,000 lb (9,070 kg)

**CERTIFICATION**

Vessel	ASME Sec. VIII Div. 1
Piping	ASME B31.3
Province(s) of Registration	AB
Service	Sour

