

**PRESSURIZED STORAGE TANK**

**UNIT: ST14256**

**PERFORMANCE**

Maximum Operating Pressure (limited to PSV set pressure)	100 psi (689 kPa)
Minimum/Maximum Rated Operating Temperature of Vessel	-50°F/400°F (-46°C/204°C)
Liquid Storage Capacity	447 bbl (71 m <sup>3</sup> )
Maximum Gas Flow Rate @ 90% Maximum pressure	15 MMscfd (422.55 e <sup>3</sup> m <sup>3</sup> /d)
Max Gas Flow rate*	32 MMscfd (902 e <sup>3</sup> m <sup>3</sup> /d)
Pressure Relief Valves Max Flow Rate	17.89 MMscfd (504.85 e <sup>3</sup> m <sup>3</sup> /d)

\*Alteration to system associated piping required

**VESSEL DIMENSIONS**

Diameter (ID)	108" (2,743.2 mm)
Length S/S	36' (10.97 m)

**FLUID TRANSFER SIZE & PRESSURE RATING**

Inlet size	6" (152.4 mm)
Inlet pressure rating	100 psig (689 kPa)
Gas Outlet	4" (101.6 mm)
Liquid Outlet size	4" (101.6 mm)



**FLOW INSTRUMENTATION**

Gas Measurement	V-Cone 4" (101.6 mm)
	V-Cone 2" (50.8 mm)

**SHIPPING DIMENSIONS**

Width	10'-6" (3.2 m)
Length	50' (15.24 m)
Height	12'-9" (3.88 m)
Weight Estimate	53,200 lbs (24,131 kg)

**CERTIFICATION**

Vessel	ASME Sec. VIII Div. 1
Piping	ASME B31.3
Province(s) of Registration	BC, AB, SK
Sour Service NACE Standard	MR0175/ISO15156-1

