ROSKA
Design | Build | Operate

EQUIPMENT SPECIFICATION SHEET

PRESSURIZED STORAGE TANK — UNIT: TTN005

PERFORMANCE

Maximum Operating Pressure (limited to PSV set pressure)	330 psi (2275 kPa)
Minimum/Maximum Rated Operating Temperature of Vessel	-50°F/400°F (-45°C/37.7°C)
Liquid Storage Capacity	22.87 m³)
Maximum Gas Flow Rate @ 90% Maximum pressure	15 MMscfd (422.55 e³m³/d)
Max Gas Flow rate*	32 MMscfd (902 e³m³/d)
Pressure Relief Valves Max Flow Rate	17.89 MMscfd (504.85 e³m³/d)

*Alteration to system associated piping required

VESSEL DIMENSIONS

Diameter (ID)	90” OD) (2286 mm)
Length S/S	16’ (4877 mm)

FLUID TRANSFER SIZE & PRESSURE RATING

Inlet size	6" (152.4 mm)
Inlet pressure rating	300#I
Gas Outlet	6" (152.4 mm))
Liquid Outlet size	3” (76 mm)

FLOW INSTRUMENTATION

Gas Measurement	

SHIPPING DIMENSIONS

Width	7’ 6”
Length	22’
Height	9’ 4”
Weight Estimate	22,440 lbs (10,200 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