

PRESSURIZED STORAGE TANK

UNIT: ST005

PERFORMANCE

| | |
|---|-------------------------------|
| Maximum Operating Pressure | 50 PSI (344.7 kPa) |
| Minimum/Maximum Rated Operating Temperature of Vessel | -49°F / 100°F (-45°C / 38°C) |
| Liquid Storage Capacity | 31.8 m ³ (200 bbl) |

VESSEL

| | |
|---------------------------|-------------------|
| Vessel Diameter | 102" (2,591 mm) |
| Vessel Length S/S | 20' (6.10 m) |
| Corrosion Allowance | 0.125" (3.175 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

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

SHIPPING DIMENSIONS

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|-----------------|-----------------------|
| Width | 11'-8" (3.55 m) |
| Length | 25' - 6" (7.77 m) |
| Height | 13'-9" (4.19 m) |
| Weight Estimate | 31,100 lb (14,104 kg) |

CERTIFICATION

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

