



storage tanks

Highland Tank's condensate tanks are suited for the rigors of gas and oil transmission and storage

natural gas condensate tanks

HT-1159

PRODUCT DETAILS

Natural Gas Condensate Tanks are designed to store natural gas condensate, liquids (NGLs), pipeline fluids, and other liquid waste products generated at oil and natural gas production, transmission, storage, and processing facilities.

They are installed at natural gas midstream facilities located along pipelines, namely at treatment, compression, and metering stations. They are commonly located after the filter/separators and accumulate various liquids depending on the level of condensation and the changing composition of liquids removed from the gas line.

Different operators process their condensate in different ways, based on their commercial considerations and operational preferences.

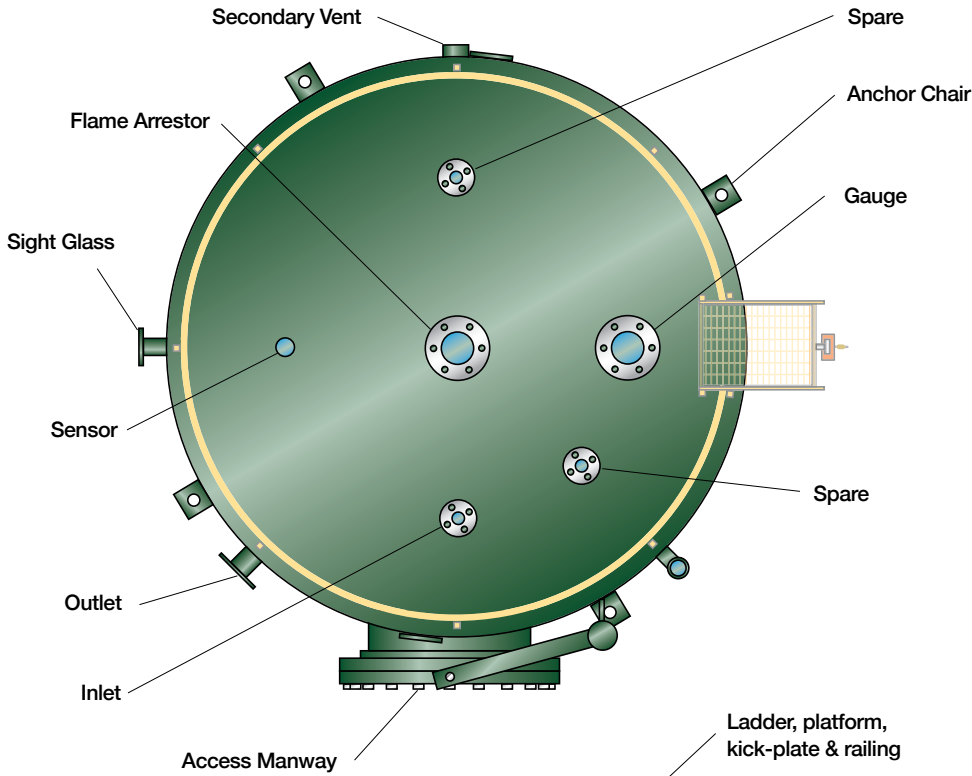
As a result, Highland Tank fabricates our Condensate Tanks to either ASME BPV Code Section VIII, Division 1, API Standard 650 Welded Tanks for Oil Storage - Annex J Shop Assembled Storage Tanks, or UL-142 Type I or II Double-wall.

Applications

- Natural Gas Facilities for:
 - Processing
 - Transmission
 - Compression
 - Metering
 - Storage
- Crude Oil, Refined Product, and NGL Pumping Stations
- Oil and Gas Terminals
- Bulk Storage Facilities
- Petroleum Loading/Unloading Facilities
- Natural Gas Power Plants
- Petrochemical Manufacturing Facilities

These vertical, double-wall aboveground tanks come complete with:

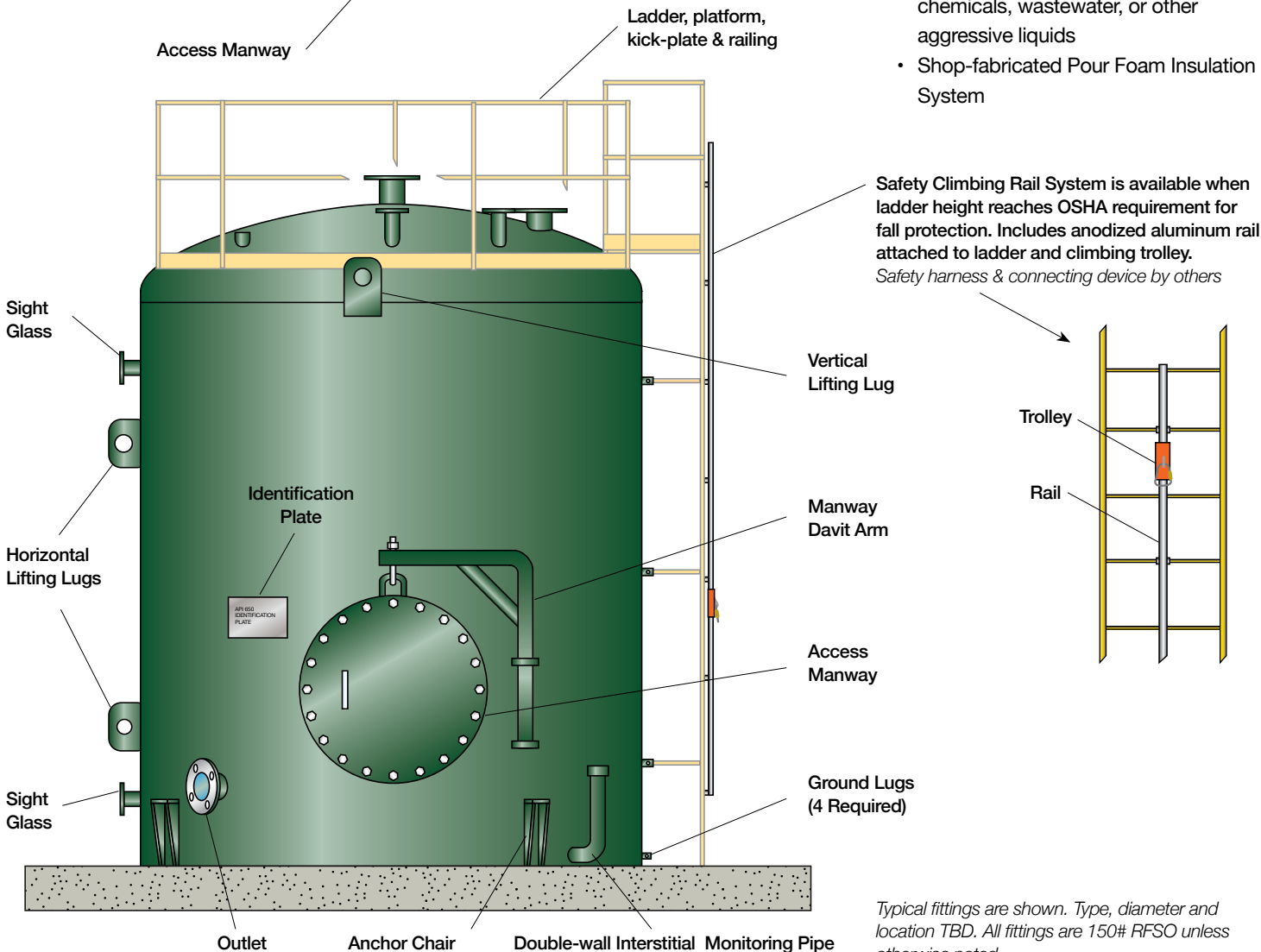
- Carbon or Stainless-Steel Construction
- Butt welded joints with seam inspection and factory air test
- Flat Bottom and Conical or Dished Top (per specification)
- OSHA-Compliant Access Ladder and Handrail Assembly
- Inlet/Outlet with Down Pipe
- Access Manway
- Gauge Hatch
- Flanged and Threaded Connections
- Primary/Secondary Emergency Vents (UL-labeled tanks only)
- Lifting Lugs
- Anchor Chairs
- Ground Clips
- Nameplate
- Primer paint and/or internal and external coatings per specification



A wide range of accessories to equip the tank for your specific application are available.

Options & Accessories:

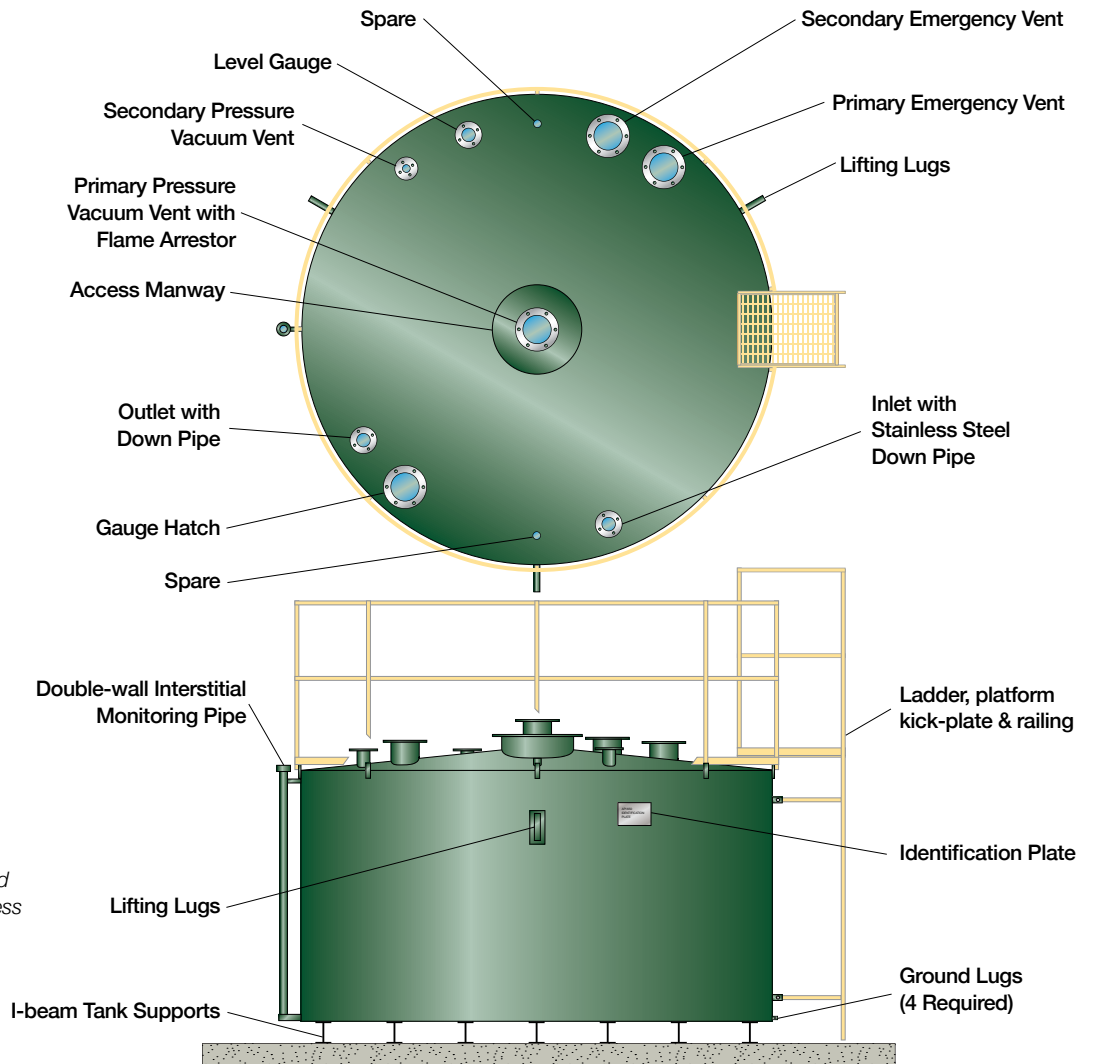
- Manway Davit Arm
- Primary/Secondary Pressure/Vacuum Vent with Mist/Flame Arrestors
- High, High-High Level Sensors and Alarm/Control Panel
- Liquid Level Gauging and Transmitter System
- Relief Valves
- I-Beam Supports
- Electronic Leak Detection
- Stamped Engineering Calculations
- Internal Piping Options
- Exterior coatings for protection, endurance and corrosion resistance
- Interior coatings for storage of chemicals, wastewater, or other aggressive liquids
- Shop-fabricated Pour Foam Insulation System



Typical fittings are shown. Type, diameter and location TBD. All fittings are 150# RFSSO unless otherwise noted.

Highland Tank Condensate Tanks are engineered to provide safe storage of many oil and natural gas pipeline neat and waste products. Common volumes range from 500 – 3,000 gallons with larger volumes available upon request. Standard construction is of double-wall carbon steel with electronic or mechanical leak detection.

These low-profile tanks are mounted on I-beam supports to allow for safe storage, bottom inspection, and easy relocation and reuse. Unlike flat-top tanks, their dished or conical tops prevent rain, snow, and debris from accumulating on top of the tank.



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