20000AVSW126

Recommended Guide Specification for Aboveground Vertical

Single Wall UL-142 Steel Storage Tank

or

Recommended Guide Specification for Aboveground Vertical

Single Wall UL-142 Steel Storage Tank with Double Bottom

Short Form

Furnish an aboveground vertical, single wall, steel storage tank (with double bottom). The tank

shall be in conformance with the Underwriters Laboratories' UL-142 specifications and so labeled. Tank size will be noted on an attached reference drawing.

Long Form

For single wall / single bottom

Furnish and install a 20,000 gallon aboveground vertical, single wall, steel storage tank

10’6” in diameter by 31’0” high. Tank shall be fabricated from mild carbon steel with a flat bottom head and a coned top. Bottom head, shell and coned top steel gauge thicknesses per

UL-142. All items included in tank unit shall be coated with red primer paint. The tank unit shall be manufactured in conformance with Underwriters Laboratories' UL-142 specifications and so labeled.

For single wall / double bottom

Furnish an 20,000 gallon aboveground vertical, single wall, steel storage tank with double bottom, 10’6” in diameter by 31’0” high. Tank shall be fabricated from mild carbon steel with a flat-flanged bottom inner head, a flat bottom outer head and a coned top. Bottom inner and outer heads, shell and coned top steel gauge thicknesses per UL-142. Double bottom tanks shall be fitted with a monitoring well and 1-1/2" diameter fitting for monitoring the interstitial space between the inner and outer bottom heads. All items included in tank unit shall be coated with red primer paint.

The tank unit shall be manufactured in conformance with Underwriters Laboratories' UL-142 specifications and so labeled.

Up to 24" of threaded fittings are included on standard aboveground vertical, single wall, steel storage tanks. All fittings in coned top shall be full couplings. All UL-142 aboveground single wall tanks shall include fittings for normal and emergency venting. Tanks shall be fabricated with the following threaded connections: \_\_\_\_\_ 2 inch, \_\_\_\_\_ 4 inch, \_\_\_\_\_ 6 inch as located on attached drawing. AND/OR \_\_\_\_\_ 150# flanged connections with flange protectors. Flange sizes as follows (qty-size): \_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_, with locations also indicated on drawing. Thread protectors shall be inserted in all threaded openings prior to shipment.

Highland tanks are air tested at the factory but MUST be retested at the jobsite by the installer prior to installation.

Options & Accessories:

\_\_\_\_ Manway \_\_\_\_\_ inches in diameter with bolted and gasketed lid

\_\_\_\_ Emergency Vent

\_\_\_\_ External Ladder with Cage

\_\_\_\_ External Ladder & Platform

\_\_\_\_ External Stairway

\_\_\_\_ Pump Platform

\_\_\_\_ Walkway(s) with handrails

\_\_\_\_ 4" x 4" x 1/2" Clip Angle for anchoring

\_\_\_\_ Commercial grit blast (SSPC-6), epoxy primer coat

\_\_\_\_ Exterior polyurethane paint \_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_ Other exterior coating \_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_ Internal Ladder(s)

\_\_\_\_ Internal Coating \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Must include interior weld. Minimum size 500 gallon.)

\_\_\_\_ Level Sensing System(s)

Warranty:

The subject tank is warranted by Highland Tank & Mfg. Co. to be free from defects in manufacturing, workmanship and materials. Highland Tank will repair or replace, at its sole discretion F.O.B. factory, within a period of one year after date of shipment, any item of our manufacture. All other items shall be warranted by their respective manufacturers. Liability hereunder is limited, as stated above, and does not include labor, installation costs, indirect or consequential damages of any kind. Tanks must be returned to the factory and if found to be defective upon examination, will be repaired, replaced or credit will be issued at our option.

Approved Manufacturer:

Tank to be manufactured by Highland Tank at one of the following locations: Stoystown, PA, Manheim, PA, Watervliet, NY, or Greensboro, NC.