40000AHDW144

Double-wall Aboveground Horizontal

Recommended Guide Specification for Aboveground Horizontal

UL-142 Double-wall (Type I) Steel Storage Tank

Short Form

Furnish and install an aboveground, horizontal, double-wall, steel storage tank. 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

Furnish and install a 40,000 gallon aboveground, horizontal, double wall (Type I), steel storage tank 12’0” inches in diameter by 47’6” long. Tank shall be fabricated from mild carbon steel with flat-flanged heads. Inner tank gauges: head gauge 3/8”, shell gauge 3/8”. Outer tank gauges: head gauge ¼”, shell gauge ¼”. All items included with the tank shall be coated with red oxide primer. The tank shall be manufactured in conformance with Underwriters Laboratories' UL-142 specifications and so labeled.

The tank 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. (See standard fittings drawing (STDFTG) for quantity, size and locations). 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(s) \_\_\_\_\_ inches in diameter with bolted and gasketed lid

\_\_\_\_ Loose-bolt Manway \_\_\_\_\_ inches in diameter with bolted and gasketed lid

(emergency vent)

\_\_\_\_ Support Saddles per drawing

\_\_\_\_ Emergency Vent

\_\_\_\_ External Ladder

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

\_\_\_\_ External Stairway

\_\_\_\_ Pump Platform

\_\_\_\_ Walkway(s) with Handrails

\_\_\_\_ 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)

\_\_\_\_ Overfill Containment Chamber

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.