00500SKDW48GA7

Recommended Guide Specification for Aboveground Horizontal

UL-142 Double-walled Steel Storage Tank on Heavy Duty Skids

Short Form

Furnish and install an aboveground, horizontal, double-walled, steel storage tank on heavy duty skids. 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 500 gallon aboveground, horizontal, double-walled, steel storage tank 48 inches in diameter by 5’-5” long on heavy duty skids. Tank shall be fabricated from mild carbon steel with flat-flanged heads. Inner tank gauges: head gauge 7, shell gauge 7. Outer tank gauges: head gauge 10, shell gauge 10. Tank shall have supports that are welded to both tank and skids. Heavy duty skids shall be fabricated from 4" H-beam and 4" pipe. (for 300 - 4,000 gallon tanks) or 6" H-beam and 6" pipe (for 5,000 - 12,000 gallon tanks) 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

\_\_\_\_ 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.