

FORM U-1 MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS

As Required by the Provisions of the ASME Code Rules



1. Manufactured by **Downingtown Iron Works, Inc., Downingtown, Pa. Div. of Pressed Steel Tank Co., Milwaukee,**
PURITAN DISTRIBUTING CO. (Name and address of Manufacturer)
 2. Manufactured for **STOCK C/O AEROSOL FILLING DIV., 160N. WASHINGTON ST., BOSTON 1, MASS.** (Name and address of Purchaser)
 3. Type **Horiz.** Kind **Tank** Vessel No. **25499** (-----) Nat'l Bd. No. **25499** Yr. Built **1956**
(Horiz. or Vert.) (Tank Jacketed, Heat Exch.) (Mfr.'s Serial) (State & State No.)

Items 4-9 incl. to be completed for single wall vessels (such as air tanks), jackets of jacketed vessels, or shells of heat exchangers.

4. SHELL: Material **Carbon Stl. SA-285** T.S. Fig. **75,000** Nominal Thickness **3/32 in.** Corrosion Allowance **0** in. Diam. **3** ft. **4 1/2** in. Length **16** ft. **0 1/2** in.
(Kind and Spec. No.) (Fig. or P.B. & lowest T.S.)
 5. SEAMS: Long **DB.W. With B.S.** S.R. **No** X.R. **No** Sectioned **Yes** Efficiency **80** %
(Welded, Dbl. Single Lap, Buttl) (Yes or No) (Spot or Complete) (Yes or No)
 Girth **DB.W. With B.S.** S.R. **No** X.R. **No** Sectioned **Yes** No. of Courses **2**
 6. HEADS: (a) Material **Carbon Stl. SA-285** T.S. Fig. **55,000** (b) Material **Carbon Stl. SA-285** T.S. Fig. **55,000**
(Top, bottom, ends) Thickness Crown Radius Knuckle Radius Elliptical Ratio Conical Apex angle Hemispherical Radius Flat Diameter Side to Pressure (Convex or Concave)
 (a) End **2301 Min.** **20.25"** **Concave**
 (b) End **2301 Min.** **20.25"** **Concave**

If riveted describe seams fully on reverse side of form.

If removable, bolts used (Material, Spec. No., T.S., Size, Number) Other fastening (Describe or Attach Sketch)

7. STAYBOLTS: If hollow (Material) (Size of Hole) attachment (Threaded, Welded) Pitch (Horiz.) X (Vert.) Diam. (Nominal)

8. JACKET CLOSURE: (Describe as cover & weld, bar, etc. If bar, give dimensions. If bolted, describe or sketch.)

9. Constructed for **Int.** pressure of **250** psi. Max. Temp. **300** °F. Subzero °F. Hydrostatic Test **375** psi.

Items 10 and 11 to be completed for tube sections.

10. TUBE SHEETS: Stationary. Material (Kind & Spec. No.) Diam. in. Thickness in. Attachment (Welded, Bolted)
 Floating. Diam. in. Thickness in. Attachment

11. TUBES: Material (Kind & Spec. No.) O.D. in. Thickness or gage. Number Type (Straight or U-bend)

Items 12-15 incl. to be completed for inner chamber of jacketed vessels, or channels of heat exchangers.

12. SHELL: Material (Kind and Spec. No.) T.S. (Fig. or P.B. & lowest T.S.) Nominal Thickness in. Corrosion Allowance in. Diam. ft. in. Length ft. in.

13. SEAMS: Long (Welded, Dbl. Single Lap, Buttl) S.R. (Yes or No) X.R. (Spot or Complete) Sectioned (Yes or No) Efficiency %
 Girth S.R. X.R. Sectioned No. of Courses

If riveted describe seams fully on reverse side of form.

14. HEADS: (a) Material T.S. (b) Material T.S. (c) Material T.S.
(Top, bottom, ends) Thickness Crown Radius Knuckle Radius Elliptical Ratio Conical Apex angle Hemispherical Radius Flat Diameter Side to Pressure (Convex or Concave)
 (a) Top, bottom, ends
 (b) Channel
 (c) Floating

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If removable, bolts used (Material, Spec. No., T.S., Size, Number) Other fastening (Describe or Attach Sketch)

15. Constructed for **Int.** pressure of psi. Max. Temp. °F. Subzero °F. Hydrostatic Test psi.

Items below to be completed for air vessels where applicable

16. SAFETY VALVE OUTLETS: Number **1** Size **1 1/4"** Location **In Shell**

Purpose (Inlet, Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
Misc.	1	1 1/4"	Forging	Steel	1 15/16"	Steel	Welded
Misc.	1	1 1/4"	Threaded	Steel	3000#	Steel	Welded
Drain	1	1 1/4"	Threaded	Steel	3000#	Steel	Welded

18. INSPECTION Manholes, No. Size Location
 OPENINGS: Handholes, No. Size Location
 Threaded, No. Size Location

19. SUPPORTS: Skirt (Yes or No) Legs (Number) Legs 4 (Number) Other (Describe) Attached **Welded to Shell** (Where & How)

20. REMARKS: **Vessel Used As Storage Tank.**
FOR NON-CORROSIVE SERVICE ONLY
(Brief description of purpose of the vessel, as Air Tank, After Cooler, Jacketed Cooler, etc. State contents of each part.)