

FORM U-1 MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS
As required by the Provisions of the ASME Code Rules and the National Board

1. Manufactured by ACF Industries, Incorporated, Milton, Pennsylvania

2. Manufactured for Drake & Townsend, Inc., 11 W. 42nd St., New York 36, New York
(Name and address of Purchaser)

3. Type Horiz. Kind Tank Vessel No. 14-875-8 (.....) Nat'l Bd. No. 4543 Yr. Built 1956
(Horiz. or Vert.) (Tank, Jacketed, Heat Exch.) (Mfrs. 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 SA-212 Gr. "B" T.S. 70000 F.B. Thickness 15/16 Corrosion Allowance in. Diam 10 ft. 3-9/16 Length 49 ft. 11-1/2
(Kind and Spec. No.) (Fig. or F. B. & lowest T. S.)

5. SEAMS: Long F.W. D.B. S.R. Yes X.R. Compl. Sectioned No Efficiency 95%
(Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)

Girth F.W. D.B. S.R. Yes X.R. Compl. Sectioned No No. of Courses 5

6. HEADS: (a) Material SA-212 Gr. "B" T.S. 70000 (b) Material SA-212 Gr. "B" T.S. 70000
Location Thickness Crown Radius Knuckle Radius Elliptical Ratio Conical Apex angle Hemispherical Radius Flat Diameter (Side to Pressure Convex or Concave)

(a) End 15/16" D/4 Ell. Concave
(b) End 15/16" D/4 Ell. Concave

If removable, bolts used Other fastening (Describe or Attach Sketch)

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

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

9. Constructed for Int. pressure of 250 psi. Max. Temp. 650 °F. Subzero °F. Hydrostatic Test 400 psi.

Items 10 and 11 to be completed for tube sections.

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

Floating. Material Diam. in. Thickness in. Attachment
(Kind & Spec. No.)

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

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

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

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

Girth S.R. X.R. Sectioned No. of Courses

14. Heads (a) Material T.S. (b) Material T.S. (c) Material T.S.
Location 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

If removable, bolts used (a) (b) (c) 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 all Vessels where applicable.

16. SAFETY VALVE OUTLETS: Number 2 Size 4-1/16" Location Manway Cover

17. NOZZLES: Purpose (Inlet, Outlet, Drain) Number Diam. or Size Type Material Thickness Reinforcement Material How Attached

18. INSPECTION Manholes, No. 1 Size 20" Location Top End of Tank Steel Welded
OPENINGS: Handholes, No. Size Location
** Threaded, No. Size Location

19. SUPPORTS: Skirt Lugs (Number) Legs (Number) Other Attached (Where & How)
(Yes or No) (Describe)

20. REMARKS: Vessel fabricated and intended for service as an unfired propane vessel under 1952 code, W-XR-SR (Propane)
(Brief description of purpose of the vessel, as Air Tank, After Cooler, Jacketed Cooler, etc. State contents of each part.) (Over)