

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 and Townsend, Inc., 11 W. 42nd St., New York 18, New York
(Name and address of Purchaser)
 3. Type Horiz. Kind Tank Vessel No. (14-775-2) () Nat'l Bd. No. 4372 Yr. Built 1955
(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 grade B T.S. 70000 F.B. Thickness 15/16 ^{Corrosion} Allowance in. Diam. 10.3-9/16 ft. Length 49 11-1/2 ft.
(Kind and Spec. No.) (Fig. or F. B. & lowest T. S.)

5. SBAMS: 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

If riveted describe seams fully on reverse side of form

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
(Material, Spec. No., T.S., Size, Number) (Describe or Attach Sketch)

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

8. JACKET CLOSURE:
(Describe as ogee & 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.
(Ext.)

Items 10 and 11 to be completed for tube sections.

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

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

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. Length ft. in.
(Kind and Spec. No.) (Fig. or F. B. & lowest T. S.)

13. SBAMS: 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

If riveted describe seams fully on reverse side of form

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)
(Material, Spec. No., T.S., Size, Number) (Describe or Attach Sketch)

15. Constructed for Int. pressure of psi. Max. Temp. °F. Subzero °F. Hydrostatic Test psi.
(Ext.)

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

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 Legs (Number) Other Attached (Where & How)
(Yes or No) (Describe)

20. REMARKS: Vessel fabricated and intended for service as an unfired pressure 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)