

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. (14-875-4) (Mfrs. Serial) (State & State No.)
 Corrosion Allowance 4533 Yr. Built 1956

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 10 ft 3-9/16 in. Diam. 49 ft 11-1/2 in. Length 1/2 in.

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

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
(Top, bottom, ends) Thickness Crown Radius Knuckle Radius Elliptical Ratio Conical Apex angle Hemispherical Radius Flat Diameter (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: Int. If hollow Attachment Pitch X Diam. 400 psi.
(Material) (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 Ext. 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 SA-212 Gr. "B" Diam. 10 in. Thickness 15/16 in. Attachment Welded
(Kind & Spec. No.) (Subject to Pressure) (Welded, Bolted)
 Floating. Material SA-212 Gr. "B" Diam. 10 in. Thickness 15/16 in. Attachment Welded
(Kind & Spec. No.)

11. TUBES: Material SA-212 Gr. "B" O.D. 10 in. Thickness 15/16 inches or gage. Number 1 Type U
(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 SA-212 Gr. "B" T.S. 70000 Thickness 15/16 in. Corrosion Allowance 10 ft 3-9/16 in. Diam. 49 ft 11-1/2 in. Length 1/2 in.

13. 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

If riveted describe seams fully on reverse side of form

14. Heads (a) Material SA-212 Gr. "B" T.S. 70000 (b) Material SA-212 Gr. "B" T.S. 70000 (c) Material SA-212 Gr. "B" T.S. 70000
(Top, bottom, ends) Thickness Crown Radius Knuckle Radius Elliptical Ratio Conical Apex angle Hemispherical Radius Flat Diameter (Convex or Concave)
 (a) End 15/16" D/4 Ell. Concave
 (b) End 15/16" D/4 Ell. Concave
 (c) End 15/16" D/4 Ell. Concave

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

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

Items below to be completed for all Vessels where applicable.

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

NOZZLES; Purpose (Inlet, Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
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18. INSPECTION Manholes, No. 1 Size 20" Location Top End of Tank Reinforcement Steel How Attached Welded
 OPENINGS: Handholes, No. 0 Size 0" Location 0
 ** Threaded, No. 0 Size 0" Location 0

19. SUPPORTS: Skirt 0 Lugs 0 Legs 0 Other 0 Attached 0
(Yes or No) (Number) (Number) (Describe) (Where & How)

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