

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

36K

Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only

1. Manufactured by American Car and Foundry Division, Milton, Pennsylvania

2. Manufactured for Applied Engineering Co. Inc., 468 Carolina Ave., Orangeburg, S. C.

3. Type Horiz. Vessel No. (34-0680-2) (Name and address of Purchaser) (State & State No.) Nat'l. Bd. No. 20695 Yr. Built 1960

4. SHELL: Mat'l. SA-212 Gr. B T.S. 70000 FB Nom. 15 Corr. 10 In. Diam. 10-1/8 In. Lgth 56 Ft. 2-3/16 In. T.S. 70000 (Fig. or F.B. & Spec. Min. T.S.)

5. SEAMS: Long F.W. D.B. S.R. Yes X.R. Compl. No Sectioned No Efficiency 100% (Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No) If riveted or brazed describe seams fully under remarks.

6. HEADS: (a) Material SA-212 Gr. B T.S. 70000 (b) Material SA-212 Gr. B T.S. 70000

Location (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	15/32					65-1/16		Concave
(b) End	15/32					65-1/16		Concave

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

7. Constructed for {Int. / Ext.} pressure of 250 psi Max Temp 650 °F Subzero _____ °F Hydrostatic Test 400

8. SAFETY OR RELIEF VALVE OUTLETS: Number _____ Size _____ Location _____

9. NOZZLES:

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

10. INSPECTION Manholes, No. 1 Size 20" Location Top of tank

OPENINGS Handholes, No. _____ Size _____ Location _____ Threaded, No. _____ Size _____ Location _____

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

REMARKS: Vessel fabricated under 1959 Code W-XR-SR for non-corrosive service (propane)

Manway Cover: SA-212 Gr. B, 27-1/2" dia. x 2-5/16" thick x 25" bolt circle with additional openings 1 - 3/4", 1 - 1-1/4", 3 - 2", 1 - 2-5/16" Additional Openings in Tank - 1 - 4"

Furnished by customer. (Brief description of purpose of the vessel, as Air Tank, Water Tank, L.P.G., Etc.—State Contents)

We certify that the statements made in this report are correct and that all details of material, construction, and workmanship of this vessel conform to the ASME Code for Unfired Pressure Vessels.

Date AUG 12 1960 19____ Signed ACF Industries, Incorporated By P. E. Snyder (Manufacturer) Certificate of Authorization Expires No. 677 expires Dec. 31, 1961

CERTIFICATE OF SHOP INSPECTION

Inspection Agency's Serial No. 45B 20695
VESSEL MADE BY ACF Industries, Incorporated at Milton, Pennsylvania

I, the undersigned, holding a Certificate of Competency as an Inspector of Boilers and Unfired Pressure Vessels in THE STATE OF PENNSYLVANIA and employed by HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY, HARTFORD, CONN., inspected internally and externally, the vessel described in this report on AUG 12 1960, 19____, and certify that the statements made in this report are correct corresponding with mill test reports of materials furnished by the builder, and measurements made of the vessel and that this vessel is constructed in accordance with the ASME Code for Unfired Pressure Vessels.

Date AUG 12 1960 19____
Inspector's Signature _____ Commissions N.B. 1746 State or Nat'l Bd. & Number

Copies of this Form obtainable from Amer. Soc. Mech. Eng., 20 W. 30th St., New York 13, N. Y.