

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

Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only

36K

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. (34-0680-4) (Name and address of Purchaser) (Alfa Serial) (State & State No.) (State & State No.) Nat'l. Bd. No. 20697 Yr. Built 1960

4. SHELL: Mat'l. SA-212 Gr. B TS 70000 FB Nom. 15 Corr. In. Diam 10 Fr. In. Lgth 56 Fr. 2-3/16 In.

5. SEAMS: Long F.W. D.B. S.R. Yes XR Compl. Sectioned No Efficiency 100%
 (Welded, Dbl. Single, Lap, But) (Yes or No) (Spot or Complete) (Yes or No)
 Girth F.W. D.B. S.R. Yes XR Compl. Sectioned No No. of Courses 5

If riveted or brazed describe seams fully under remarks.

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

Location (Top, bottom, ends)	Thickness	Crown Radius	Flange Radius	Elliptical Ratio	Conical Apex angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Concave or Convex)
(a) End	15/32					65-1/16		Concave
(b) End	15/32					65-1/16		Concave

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

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

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

OPENINGS Handholes, No. _____ Size _____ Location _____

Threaded, No. _____ Size _____ Location _____

11. SUPPORTS: Skirt _____ Lugs _____ Legs _____ Other _____ 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 15 1960 19 _____ Signed ACF Industries, Incorporated By A. E. Dryden (Manufacturer)

Certificate of Authorization Expires No. 677 expires Dec. 31, 1961

CERTIFICATE OF SHOP INSPECTION

Inspection Agency's Serial No. 45B 20697

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 15 1960, 19 _____, and certify that the statements made in this report are correct corresponding with mill test reports of materials furnished by the builders, and measurements made of the vessel and that this vessel is constructed in accordance with the ASME Code for Unfired Pressure Vessels.

Date AUG 15 1960, 19 _____

Inspector's Signature _____ Commissions N.B. 1746 State or Nat'l Bd. & Number