

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

Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only

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

2. Manufactured for Smith and Norrington Engr. Corp., 120 Tremont St., Boston 6, Mass.

3. Type Horiz. Vessel No. 34-0664-1 (Name and address of Purchaser) (Mfr. Serial) (State & State No.) Natl. Bd. No. 20671 Yr. Built: 1960

4. SHELL: Matl. SA-212 Gr. B 70000 F.B. Nom. 15 Corr. In. Diam 10 Fr. 10-1/8 In. Lgth 92 Fr. 7-11/16

5. SEAMS: Long F.W. D.B. S.R. No XR Compl Sectioned No Efficiency 100 %
(Weld'd, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)
Girth F.W. D.B. S.R. No XR Compl Sectioned No No. of Courses 9

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 (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.} pressure of 250 psi Max Temp 650 °F Subzero _____ °F Hydrostatic Test 400 psi

8. SAFETY OR RELIEF VALVE OUTLETS: Number 2 Size 4" Location Top of Tank

9. NOZZLES:

Purpose (Inlet Outlet, Drain)	Number	Diam or Size	Type	Material	Thickness	Reinforcement Material	How Attached
10. INSPECTION Manholes, No. <u>1</u> Size <u>18"</u> Location <u>Top of Tank</u>							
OPENINGS Handholes, No. _____ Size _____ Location _____							
Threaded, No. _____ Size _____ Location _____							
11. SUPPORTS: Skirt _____ Lugs _____ (Yes or No) (Number) _____ Legs _____ (Number) _____ Other <u>Saddles</u> Attached <u>Welded to tank</u> (Describe) (Where & How)							

12. REMARKS: Vessel fabricated under 1959 Code, W-XR for non-corrosive service (propane).
Manway Cover: SA-212 Gr. B 25" dia. x 2-1/4" thick, 22-3/4" dia.
bolt circle with additional openings 2 - 1-1/4", 2 - 2"
Additional openings in tank: 1 - 3/4", 2 - 2", 1 - 2.323"

(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 July 21, 19 60 Signed ACF Industries, Incorporated, (Manufacturer)

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

CERTIFICATE OF SHOP INSPECTION

Inspection Agency's Serial No. HSB 20671
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 July 21, 19 60 and certify that the statements made in this report are correct, corresponding with material, workmanship, and measurements made of the vessel and that this vessel is constructed in accordance with the ASME Code for Unfired Pressure Vessels.

Date July 21, 19 60