

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
(Name and address of Manufacturer)
2. Manufactured for Gas, Incorporated, 81-95 East Merrimack St., Lowell, Massachusetts
(Name and address of Purchaser)

3. Type Horiz. Vessel No. 44-62031-2 (Horia or Vert) (Mfrs. Serial) State & State No. 15/16 Natl. Bd. No. 21102 Yr. Built 1964

4. SHELL: Matl. SA-212 Gr. B T.S. 70000 FB Norm. In. Allow. 10-1/8 In. Diam. 10 Ft. In. Length 47 Ft. In. 0-13/16
(Kind and Spec. No.) (Fig. or F.B. & Spec. (In. T.S.))

5. SEAMS: Long F.W. D.B. HT. No X.R. Compl. Sectioned No Efficiency 100 %
(Welded, Dbl. Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)
Girth F.W. D.B. HT. No X.R. Compl. Sectioned No No. of Courses 4

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

Location	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure
(a) Top/Bottom/Ends	<u>End</u>	<u>15/32</u>				<u>65-1/16</u>		<u>Concave</u>
(b)	<u>End</u>	<u>15/32</u>				<u>65-1/16</u>		<u>Concave</u>

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

7. Constructed for max. allowable working press. 250 psi. at max. temp. 650 °F Min. temp. (when less than -20°) _____ Hydrostatic Test 400 psi.
F. 250 psi. at max. temp. 650 °F

8. SAFETY OR RELIEF VALVE OUTLETS: Number 1 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. 1 Size 18" Location Top of tank
OPENINGS: Handholes, No. _____ Size _____ Location _____
Threaded, No. _____ Size _____ Location _____

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

12. REMARKS: Vessel fabricated under 1962 Code W-XR for non-corrosive service (propane)
Manway Cover: SA-212 Gr. B 25" dia. x 2-1/4" thick x 22-3/4" bolt circle with additional openings: 2 - 1-1/4", 2 - 2".
Additional openings in tank: 1 - 3/4", 1 - 2.323", 2 - 3".

(Brief description of purpose of the vessel as Air Tank, Water Tank, L.P.G., Etc.—State Contents)
If postweld heat-treated _____
List other internal or external pressures with coincident temperature when applicable

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

Date 7-29 19 64 Signed ACF Industries, Incorporated By C. E. Supler
(Manufacturer)

Certificate of Authorization Expires No. 677 Dec., 31, 1964

CERTIFICATE OF SHOP INSPECTION

VESSEL MADE BY American Car and Foundry Division, Milton, Pennsylvania

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State of Pennsylvania and employed by Hartford Steam Boiler Insp. & Ins. Co.
Hartford, Connecticut

have inspected the pressure vessel described in this manufacturer's data report on 7-29 19 64 and state that to the best of my knowledge and belief, the manufacturer has constructed this pressure vessel in accordance with the applicable sections of the ASME Boiler and Pressure Vessel Code.

By signing this certificate neither the Inspector nor his employer makes any warranty expressed or implied concerning the pressure vessel described in this manufacturer's data report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 7-29 19 64

Inspector's Signature _____ Commissions NB 1746
Natl. Board or State and No.