

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, Mass.
(Name and address of Purchaser)

3. Type Horiz. Vessel No. 44-62010-2 (Mfr. Serial) (State & State No.) Natl. Bd. No. 21055 Yr. Built 1963
(Horiz. or Vert.)

4. SHELL: Mat. SA-212 Gr. B (Kind and Spec. No.) T.S. 70000 (File or F.B. & Spec. Min. T.S.) Nom. 15 In. Corr. 10 In. Diam. 10-1/8 Ft. 47 In. Length 0-13/16 Ft. 10 In.

5. SEAMS: Long F.W. D.B. S.R. No (Weilded, D.B., Single, Lap, butt) (Yes or No) X.R. Compl. Sectioned No (Spot or Complete) (Yes or No) Efficiency 100 %
Girth F.W. D.B. S.R. No (Yes or No) X.R. Compl. Sectioned No (Spot or Complete) (Yes or No) No. of Courses 4
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 15/32 65-1/16 Concave
(b) End 15/32 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 max allowable working press. 250 psi. at max. temp. 650 °F. Min. temp. (when less than -20°) _____ °F. Hydrostatic Pneumatic or Test Press. 400 psi.
Combination

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 _____ (Yes or No) (Number) Legs _____ (Number) Other Saddles Attached Welded to tank
(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", 1 - 2.323", 2 - 3"

(Brief description of purpose of the vessel as Air Tank, Water Tank, L.P.G., Etc.—State Contents.
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 material, construction, and workmanship of this vessel conform to the ASME Code for Unfired Pressure Vessels.

Date SEP 2 1963 Signed ACE Industries, Incorporated By C. E. Snyder
(Manufacturer)

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

CERTIFICATE OF SHOP INSPECTION

Inspection Agency's Serial No. HSB 21055

VESSEL MADE BY American Car and Foundry Division 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 SEP 2 1963, 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 SEP 2 1963, 19____

Inspector's Signature

Commissions

N.B. 1746

State or Nat'l Bd. & Number