

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 The Hendel Petroleum Co., 35 Great Neck Road, Waterford, Connecticut
(Name and address of Purchaser)

3 Type Horiz. Vessel No. 44-62017-1 (Mfr. Serial) (State & State No.) Natl. Bd. No. 21067 Yr. Built 1963

4 SHELL: Matl. SA-212 Gr. B T.S. 70000 Nom. Thk. 5/16 In. Corr. Allow. In. Diam. 10 Ft. 10-1/8 In. Length 47 Ft. 0-13/16 In.
(Kind and Spec. No.) (Type of F.W. & Spec. Min. T.S.)

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

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) <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°) _____ °F. Hydrostatic Pneumatic or Combination Test Press. 400 psi.

8. SAFETY OR RELIEF VALVE OUTLETS: Number 2 Size 4-1/8" Location Manway Cover Plate

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 _____ Lug _____ Legs _____ Other Saddles Attached Welded to tank
(Yes or No) (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" dia. bolt circle with additional openings - 2 - 1-1/2", 1 - 2", 1 - 2-1/2".
Additional openings in tank: 1 - 3/4", 1 - 1-1/2", 2 - 2", 1 - 2-1/4", 2 - 3".

If riveted or brazed describe seams fully under remarks.

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 11-6 19 63 Signed ACF Industries, Incorporated By Charles E. Snyder
(Manufacturer)

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

CERTIFICATE OF SHOP INSPECTION

Inspection Agency's Serial No. HSB 21067

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 11-6 19 63, 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 11-6 19 63

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