MIDDIE TANK #5

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 Orange and Rockland Utilities, Inc., 50 Commerce St., Spring Valley, N.Y. (Name and address of Purchaser)
3. Type Horiz. (Horiz. or Vert.) Vessel No. (34-0676-3) (Mfr's Serial) ( ) (State & State No.) Nat'l Bd. No. 20666 Yr. Built 1960
4. SHELL: Mat'l SA-212 Gr. B (Kind and Spec. No.) T.S. 70000 (Tig. or P.B. & Spec. Min. T.S.) F.B. Nom. 7/16 Corr. 10 Thk. 10-1/8 In. Allow. 47 In. Diam 13/16 Ft. In. Lgth Ft. In.
5. SEAMS: Long F.W. D.B. S.R (Welded, Dbl., Single, Lap, Butt) Yes (Yes or No) R.T. Compl. (Spot or Complete) Sectioned No (Yes or No) Efficiency 100 %
   Girth F.W. D.B. S.R Yes R.T. Compl. Sectioned 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"					65-1/16		Concave
(b)	End	15/32"					65-1/16		Concave

If removable, bolts used ____ (Material, Spec. No., T.S., Size, Number) 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 2 Size 4-1/16 Location Manway Cover
9. NOZZLES:

Purpose (Inlet Outlet, Drain)	Number	Diam or Size	Type	Material	Thickness	Reinforcement Material	How Attached

10. INSPECTION OPENINGS: Manholes, No. 1 Size 18 Location Top of Tank
    Handholes, No. ____ Size ____ Location ____
    Threaded, No. ____ Size ____ Location ____
11. SUPPORTS: Skirt ____ (Yes or No) Lugs ____ (Number) Legs ____ (Number) Other Saddles (Describe) Attached Welded to tank (Where & How)
12. REMARKS: Vessel fabricated under 1959 Code. W-XR-SR 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 3 - 2"
    Additional openings in tank: 1 - 3/4", 1 - 1", 1 - 3"

(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 JUL 7 1960 19 ____ Signed ACF Industries, Incorporated (Manufacturer) By A. E. Snyder

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

CERTIFICATE OF SHOP INSPECTION

Inspection Agency's Serial No. HSB 20666

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 JUL 7 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 JUL 7 1960 19 Mark Butt (Inspector's Signature) Commissions N.B. 1888 (State or Nat'l Bd. & Number)

Printed in U. S. A.

Copies of this Form obtainable from Amer. Soc. Mech. Eng., 29 W. 39th St., New York 18, N. Y.