

FORM U-1A MANUFACTURERS' DATA REPORT FOR PRESSURE VESSELS
Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only
As Required by the Provisions of the ASME Code Rules, Section VIII, Division I

1. Manufactured by ACF Industries Incorporated, Milton, Pennsylvania
(Name and address of Manufacturer)
2. Manufactured for Smith & Norrington Engineering Corporation, 10 Newbury St., Boston, Mass. 02116
(Name and address of Purchaser)
3. Type Horiz. Vessel No. 44-62160 (Mfrs. Serial) (State & State No.) Natl. Bd. No. 21435 Yr. Built 1970
(Horiz. or Vert.)
4. SHELL: Matl. SA-515 Gr.70 T.S. 70000 Nom. 15/16 Corr. 7-11/16
(Kind and Spec. No.) (Fig. & F.B. & Spec. Min. T.S.) Thk. In. Allow In. Diam. 11 Ft. 0 In. Length 92 Ft. 11 In.
5. SEAMS: Long F.W. D.B. H.T. No R.T. Compl. Sectioned No Efficiency 100 %
(Welded, Dbl. Single, Lap, Butt) (Yes - No) (Spot or Complete) (Yes or No)
Girth F.W. D.B. H.T. No R.T. Compl. Sectioned No No. of Courses 9
If riveted or brazed describe seams fully under remarks
6. HEADS: (a) Material SA-515 Gr.70 T.S. 70000 (b) Material SA-515 Gr.70 T.S. 70000
Location 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 max. allowable working press. 250 psi at max. temp. 650 °F. Min. temp. (when less than -20°) Hydrostatic Test Press 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
Outlet 1 3" Welded
10. INSPECTION Manholes, No. 1 Size 18" Location Top of tank
OPENINGS: Handholes, No. 1 Size 18" Location Top of tank
Threaded, No. 1 Size 18" Location Top of tank
11. SUPPORTS: Skirt (Yes or No) Lugs (Number) Legs (Number) Other Saddles Attached Welded to tank
(Describe) (Where & How)
12. REMARKS: Vessel fabricated under 1968 Code W-RT.
Manway cover SA-181, Gr. 1 25" dia. x 2-1/4" thick x 22-3/4" bolt circle with additional openings 2 - 2", 2 - 1-1/2".
Additional openings in tank 1 - 2-1/2", 2 - 2", 1 - 1", 2 - 3/4"
Commodity: Propane

(Brief description of purpose of the vessel: Air Tank, Water Tank, L.P.G., Etc.—State Contents)
1. If postweld heat-treated.
2. 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 Pressure Vessels, Section VIII, Division I.

Date June 8, 19 70 Signed ACF Industries Incorporated By C Zimmerman
(Manufacturer)

Certificate of Authorization Expires No. 667 December 31, 1974.

CERTIFICATE OF SHOP INSPECTION

VESSEL MADE BY ACF Industries Incorporated, 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 Penna. and employed by Hartford Steam Boiler Insp. & Ins. Co. Hartford, Connecticut have inspected the pressure vessel described in this manufacturer's data report on June 8, 19 70 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 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 June 8, 19 70

Richard H. Lacey
Inspector's Signature

Commission No. NB 5161

Natl. Board, State of Pennsylvania and No. 1000