

**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 Section VIII - Division I and the National Board

1. Manufactured by RILEY BEAIRD, INC., SHREVEPORT, LOUISIANA  
 (Name and address of Manufacturer) SHIP C/O CENTRAL TEL. & UTILITIES

2. Manufactured for APPLIED ENGINEERING CO. ORANGEBURG, S.C. COLUMBUS, NEBRASKA  
 (Name and address of Purchaser)

3. Type Horiz. Vessel No. 109951-01-2 (Mfrs. Serial) (State & Std. No.) Nat'l Bd. No. 32510 Yr. Built 1974

4. SHELL: Mat'l SA-612-B.T.S. 81,000# Nom. 13/16 in. Diam. 10 ft. 10-1/4 in. Length 36 ft. 0-1/2 in.  
 (Kind and Spec. No.) (Flg. or F. B. & Spec. Min. T.S.)

5. SEAMS: Long Dbl. Butt HT No R.T. Complete Sectioned No Efficiency 100 %  
 (Welded Dbl. Single Lap Butt) (Yes or No) (Spot or Complete) (Yes or No)

6. HEADS: (a) Material SA-612-A T.S. 83,000# (b) Material \_\_\_\_\_ T.S. \_\_\_\_\_  
 \* Location Thickness Crown Radius Knuckle Radius Elliptical Ratio Conical Apex angle Hemispherical Radius Flat Diameter Side to Pressure (Convex or Concave)

(a) Ends	15/32"						65,1347"	Concave
(b)								

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. 100 °F Min. temp. (when less than -20°) \_\_\_\_\_ °F  
 Hydrostatic Test 375 psi. (See Remarks)

8. SAFETY OR RELIEF VALVE OUTLETS: Number 2 Size 4-1/8" Location In manway cover

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

(1) 1"	3000# Cplg.				F.S.			Welded
(1) 2"	(2) 3"	300# Pad Type			SA-516-70			Welded
(1) 2-1/4"	Spec. Flg. for Float Gate Adapter				SA-516-70			Welded
(1) 1" x 1/4"	3000# Reducing Cplg.				SA-105-II			Welded
(1) 3/4"	Sch. 80 Seamless Pipe (Thermowell)				SA-106-B			Welded

10. INSPECTION Manholes, No. 1 Size 16" 150# Location Pad Type SA-105-II

OPENINGS Handholes, No. \_\_\_\_\_ Size \_\_\_\_\_ Location Top of tank

Threaded, No. \_\_\_\_\_ Size \_\_\_\_\_ Location with cover SA-515-70

11. SUPPORTS: Skirt \_\_\_\_\_ Lugs \_\_\_\_\_ Legs \_\_\_\_\_ Other \_\_\_\_\_ Attached \_\_\_\_\_  
 (Yes or No) (Numbers) (Numbers) (Describe) (Where & How)

12. REMARKS: 130-1/4" I.D. x 46' 10-13/16" O.A. Length 29,835 W.G. Propane Storage Tank, per Riley Beard, Inc. Dwg. Order No. 109951-01  
\* Head seams spot X-rayed Joint Eff. 85%

If riveted or brazed describe same fully under remarks.

(Brief description of purpose of the vessel, as Air Tank, After Heater, Jacket Cooler, 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 Unfired Pressure Vessels Section VIII, Division I, 1971 Edition

Date 6-27 1974 Signed RILEY BEAIRD, INC. By [Signature]  
 (Manufacturer)

Certificate of Authorization Expires March 12, 1976

**CERTIFICATE OF SHOP INSPECTION**

VESSEL MADE BY RILEY BEAIRD, INC. at SHREVEPORT, LOUISIANA

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of \_\_\_\_\_ and employed by COMMERCIAL UNION INSURANCE CO.

of \_\_\_\_\_ have inspected the pressure vessel described in this manufacturer's data report on 6-27 1974 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 7-16 1974

[Signature] Inspectors

Commissions N. B. COMM. 266G  
 Nat'l Board, State, Province and No  
N. B. COMM. 1860