

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.
 (Name and address of Purchaser) COLUMBUS, NEBRASKA

3. Type Horiz. Vessel No. 109951-01-3 (Mfrs. Serial) (State & Std. No.) Nat'l Bd. No. 32519 Yr Built 1974

4. SHELL: Mat'l SA-612-B-T.S. 81,000# Nom. 13/16 in. Allow. 0 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 (Top, bottom, ends) 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. of max. temp. 100 °F. Min. temp. (where less than -10°) _____ °F. Hydrostatic Test Pressure 375 psi.

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

9. NOZZLES:

Purpose (Inlet, Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
(1) 1" 3000# Cplg.				P.S.			Welded
(1) 2" (2) 3" 300# Pad Type				SA-516-70			Welded
(1) 2-1/4" Spec. Flg. for Float Gage Adapter				SA-516-70			Welded
(1) 1" x 1/4" 3000# Reducing Cplg.				SA-105-II			Welded
(1) 3/4" Sch. 80 Seamless Pipe (Thermowall)				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) (Number) (Number) (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 Beaird, Inc. Dwg. Order No. 109951-01
* Head seams spot X-rayed Joint Eff. 85%

If riveted or brazed describe seams fully under remarks

Brief description of purpose of the vessel, as Air Tank, Motor Cyl., Ice-cream Maker, etc. state contents if it has been heat treated. List other external or external stresses with elevated 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 Unified Pressure Vessels, Section VIII, Division I, 1971 Edition

Date 7-1 1974 Signed RILEY BEAIRD, INC. By W. Thomas
 (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 7-1 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
R. R. Gunkel Inspectors Signature
 Communications N. B. COMM. 2660
 N. B. COMM. 1043