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 1 and the National Board

1. Manufactured by RILEY BEAIRD, INC., SHREVEPORT, LOUISIANA
(Name and address of Manufacturer) SHIP C/O SOUTH CAROLINA ELEC. & GAS CO. COLUMBIA, S.C.

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

3. Type Horiz. (Horiz. or Vert.) Vessel No. (102934-01-2) (Mfrs. Serial) ( ) (State & Std. No.) Nat'l Bd. No. 15539 Yr. Built 1973

4. SHELL: Mat'l SA-612-B T.S. 81,000# Nom. Thk. 13/16 Corr. Allow. 0 in. Diam. 10 ft. 10-1/4 in. Length 79 ft. 3-1/2 in.
(Mat'l and Spec. No.) (Fig. or F. B. & Spec. Min. T.S.)

5. SEAMS: Long Dbl. Butt H.T. No R.T. Complete Sectioned No Efficiency 100 %
(Welded, Dbl., Single, Lap, Butt) (Yes or No)[1] (Spot or Complete) (Yes or No)

Girth Dbl. Butt H.T. No R.T. Complete Sectioned No No. of Courses 11

If riveted or brazed describe seams fully under remarks.

* 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 (Material, Spec. No., T.S., Size, Number) Other fastening (Describe or Attach Sketch)

7. Constructed for max. allowable working press.[2] 250 psi. at max. temp 100 °F Min. temp. (when less than −20°) °F. Hydrostatic / Pneumatic Test Press. 375 psi.

8. SAFETY OR RELIEF VALVE OUTLETS: Number 3 Size 4-1/8" Location Top of tank in manway cover

9. NOZZLES

Purpose, (Inlet Outlet, Drain)	Number	Diam. or Size	Type	Material	F.S. Thickness	Reinforcement Material	Welded How Attached
(1)	1/4" x	1" 3000# Reducing Cplg.			SA-105-II		Welded
(1)	2-1/2"	Special Gauge Adapter		SA-515-70 W/SA-106-B			Welded
(2)	2" (2)	3" 300# Drilled & Tapped Pad Type Flgs.		SA-515-70			Welded
(1)	3/4"	Sch. 80 Seamless Pipe (Thermowell)		SA-106-B			Welded
(3)	4-1/8"	Drilled holes in manway cover					

10. INSPECTION OPENINGS Manholes, No. 1 Size 18" Location 300# Pad Type SA-105-71
Handholes, No. Size Location Top of tank in shell
Threaded, No. Size Location

11. SUPPORTS: Skirt (Yes or No) Lugs (Number) Legs (Number) Other (Describe) (2) Saddles Attached (Where & How) Welded to tank shell

12. REMARKS: 130-1/4" I.D. x 90' 0-1/2" O.A. Length 59,775 W.G. Propane Storage Tank, per Riley Beaird, Inc. Dwg. Order No. 102934-01
* Head seams spot X-rayed Joint Eff. 85%

(Brief description of purpose of the vessel, as Air Tank, After Cooler, Jacketed Cooker, 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 1. 1971 Edition

Date 10-10 1973 Signed RILEY BEAIRD, INC. By R. J. McKenney
(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 10-10 1973 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 10-22 1973

Inspector's Signature

Commissions N. B. COMM. 4763
Nat'l Board, State, Province and No.