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FORM U-1A MANUFACTURER'S 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 1

(Unit 5)  
S/O 60769

1. Manufactured by DELTA SOUTHERN CO., BATON ROUGE, LOUISIANA  
(Name and address of Manufacturer)  
2. Manufactured for BIG THREE INDUSTRIAL GAS & EQUIPMENT COMPANY  
(Name and address of Purchaser)

3. Type Sphere Vessel No. (60769-70-5) (Mfrs. Serial) (State & State No.) Natl. Bd. No. 2648 Yr. Built 1970  
(Horiz. or Vert.)

4. SHELL: Matl. - T.S. - Nom. Thk. - In. Corr. - In. Allow. - In. Diam. 8 Ft. 11.1 In. Length - Ft. - In. I.D. Sphere

5. SEAMS: Long Dbl. Butt. Weld H.T. No R.T. Complete Sectioned No Efficiency 90 %  
(Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)  
Girth Dbl. Butt. Weld H.T. No R.T. Complete Sectioned No No. of Courses 2

If riveted or bolted joints occur fully under remarks.

6. Heads: (a) Material SA-240-T-304-SS T.S. 75,000 (b) Material SA-240-T-304-SS T.S. 75,000

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) Top Head	.60*	-	-	-	-	53.55	-	Concave
(b) Btm. Head	.60*	-	-	-	-	53.55	-	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. 415\*\* psi at max. temp. 100 °F. Min. temp. (when less than -20°) -320 °F. Test Combination Hydrostatic, Pneumatic or Combination Test Press 600 psi

8. SAFETY OR RELIEF VALVE OUTLETS: Number - Size - Location -

9. NOZZLES:

Purpose (Inlet, Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
Opening	3	3/8"	Coupling	SA-240-T-304-SS	3000#	None	Welded
Opening	2	1-1/16"	Stub End	"	"	"	"
Opening	2	2"	" "	"	Sch. 40	"	"
Opening	2	3/4"	" "	"	" "	"	"
Opening	1	1"	Coupling	"	3000#	"	"

10. INSPECTION Manholes, No. - Size - Location -  
OPENINGS: Handholes, No. - Size - Location -  
Threaded, No. - Size - Location -

11. SUPPORTS: Skirt - Lugs 4 Legs - Other - Attached Welded to Head  
(Yes or No) (Number) (Number) (Describe) (Where & How)

12. REMARKS: 2600 GALLON LOX SPHERE P.O. NO. H-6570  
\*Closing Dollar Plate .666" Thick  
\*\*Design Pressure 400# psi

(Brief description of purpose of the vessel as Air Tank, Water Tank, L.P.O., Etc.—State Contents.)  
\* If postweld heat-treated.  
\* 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 1.

Date June 18, 1970 Signed DELTA SOUTHERN COMPANY By E. Z. P...  
(Manufacturer)

Certificate of Authorization Expires DECEMBER 31, 1970

**CERTIFICATE OF SHOP INSPECTION**

VESSEL MADE BY DELTA SOUTHERN CO. at BATON ROUGE, LOUISIANA

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State of LOUISIANA and employed by HARTFORD STEAM BOILER INSP. INS. CO. of HARTFORD, CONN. have inspected the pressure vessel described in this manufacturer's data report on June 18, 1970 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 June 18, 1970

Inspector's Signature [Signature] Commission NAT'L BD. COMM. NO. 1849  
Nat'l Board, State, or Province and No.