

FORM U-1A MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS

Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only

5682606

1. Manufactured by DELTA SOUTHERN CO., BATON ROUGE, LOUISIANA
(Name and address of Manufacturer)

2. Manufactured for Tuloma Gas Products Co., Congerville, Illinois - Shipped to Stratford, Iowa
(Name and address of Purchaser)

3. Type HORIZ Vessel No. (2614) (Mfrs. Serial) (State & State No.) Natl. Bd. No. 1495 Yr. Built 1965
(Horiz. or Vert.)

4. SHELL: Matl. SA-A55-B T.S. 73,000 Nom. 9 1/8 In. Thk. 0 In. Diam. 6 Ft. 9 3/8 In. Length 46 Ft. 8 9/16 In. OAL
(Kind and Spec. No.) (Fig. or P. B. & Spec. Min. T.S.) (Spot or Complete) (Yes or No) (Yes or No)

5. SEAMS: Long DBL BUTT H.T. YES X.R. COMP* Sectioned NO Efficiency 100%
(Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)

** Girth DBL BUTT H.T. YES X.R. COMP Sectioned NO No. of Courses 4

6. HEADS: (a) Material SA-A55-A T.S. 75,000 (b) Material _____ T.S. _____
(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 .323" 82 9/16" Q.D. 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. 650 °F. Min. temp. (when less than -20°) _____ °F. Hydrostatic Test Press. 375 psi.
Test Press. 375 psi.

8. SAFETY OR RELIEF VALVE OUTLETS: Number 2 Size 2" Location SHELL

9. NOZZLES:

Purpose (Inlet, Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
OPENING	3	2"	COUPLING	F.S.	3000*	NONE	WELDED
OPENING	2	2 1/2" x 3"	do	F.S.	do	do	do
OPENING	2	1 1/4"	do	F.S.	6000*	do	do
THERMOWELL	1	1 1/4"	PIPE	SA-106-B	X-HVY	do	do

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

11. SUPPORTS: Skirt NO Lugs _____ Legs _____ Other _____ Attached _____
(Yes or No) (Number) (Number) (Describe) (Where & How)

12. REMARKS: *SPOT X-RAY SEGMENTAL HEADS, **SINGLE BUTT CLOSING SEAM, 47 BACK UP BAR

NH₃ STORAGE TANK

(Brief description of purpose of the vessel as Air Tank, Water Tank, L.P.G., 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 Unfired Pressure Vessels.

Date Sept. 15, 1965 Signed DELTA SOUTHERN COMPANY By J. O. LeBlanc
(Manufacturer)

Certificate of Authorization Expires DECEMBER 31, 1967

CERTIFICATE OF SHOP INSPECTION

VESSEL MADE BY DELTA SOUTHERN COMPANY at BATON ROUGE

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 Sept. 15, 1965 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 Sept. 15, 1965

NAT'L BD. COMM.

NO. 1849

Inspector's Signature

Commissions

Natl Board of State and No.