

FORM U-1-A 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 Rules, Section VIII, Division 1. s/o R- 602483

1. Manufactured by Trinity Industries, Inc. P. O. Box 1529 Rocky Mount, N. C.
(Name and address of the manufacturer)

2. Manufactured for L. P. Gas Industrial Equipment Co. P. O. Box 3024 Macon, Ga. 31205
(Name and address of the purchaser)

3. Type Horiz. Vessel No. 394450 (Mfrs. Serial) (State & State No.) Nat'l. Bd. No. 67016 Yr. Built 1974

4. SHELL: Mat'l. SA-612-B T.S. 81000 Nom. Thk. 6733 in. Corr. Allow. 0 in. Diam. 9 ft. 0 in. Length 65 ft. 11.375 in.
(Kind and Spec. No.) (Fig. or F.B. & Spec. Min. T.S.)

5. SEAMS: Long Dbt. Butt H.T. No R.T. Comp Section No Efficiency 100 %
(Welded, Dbt., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)

If riveted or brazed describe seams fully under remarks.

Girth Dbt. Butt H.T. No R.T. Comp Sectioned No No. of Courses 6

6. HEADS: (a) Material SA-455-B T.S. 73,000 (b) Material SA-455-B T.S. 73,000

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) <u>End</u>	<u>.4375"</u>					<u>54.2"</u>		<u>Concave</u>
(b) <u>End</u>	<u>.4375"</u>					<u>54.2"</u>		<u>Concave</u>

If removable, bolts used _____ (Material, Spec. No., T.S., Size, Number) Other fastening _____ (Describe or Attach Sketch)

7. Constructed for max. allowable working press. 250 psi. at max. temp. 125 °F. Min. temp. (when less than -20°) _____ °F. Hydrostatic Test Press. 375 psi.

8. SAFETY OR RELIEF VALVE OUTLETS: Number 3 Size 2" Location Shell top centerline

9. NOZZLES:

Purpose. (Inlet Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
<u>Liq. out</u>	<u>2</u>	<u>3"</u>	<u>Cplq.</u>	<u>F.S.</u>	<u>6000#</u>		<u>Welded</u>
<u>Lev. Ga.</u>	<u>1</u>	<u>2.5"</u>	<u>Cplq.</u>	<u>F.S.</u>	<u>3000#</u>		<u>Welded</u>
<u>Fill, Vapor</u>	<u>4</u>	<u>2"</u>	<u>Cplq.</u>	<u>F.S.</u>	<u>3000#</u>		<u>Welded</u>
<u>Thermo.</u>	<u>1</u>	<u>.75"</u>	<u>Cplq.</u>	<u>F.S.</u>	<u>6000#</u>		<u>Welded</u>
<u>LL & PG</u>	<u>1</u>	<u>.75"</u>	<u>Cplq.</u>	<u>F.S.</u>	<u>6000#</u>		<u>Welded</u>
<u>Rotary</u>	<u>1</u>	<u>1"</u>	<u>Cplq.</u>	<u>F.S.</u>	<u>3000#</u>		<u>Welded</u>

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: 108" I.D. 30,000 W.G. Bulk Storage Tank per drawing S40616
Tank to be used in non-corrosive service
18" Plug in head, Single Butt Weld w/Back Up Bar & Complete Radiograph

(Brief description of purpose of the vessel, as Air Tank, Water Tank, L.P.G., 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 Pressure Vessels, Section VIII, Division 1.

Date April 8 19 74 Signed Trinity Industries, Inc. By [Signature]
(Manufacturer)

Certificate of Authorization Expires January 7, 1977

*Heads are spot R.T.

CERTIFICATE OF SHOP INSPECTION

VESSEL MADE BY Trinity Industries, Inc. at Rocky Mount, N. C.

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of North Carolina and employed by Commercial Union Companies of Boston, Mass. have inspected the pressure vessel described in this manufacturer's data report on April 8 19 74, 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 the manufacturer's data report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage, of a loss of any kind arising from or connected with this inspection.

Date [Signature] Inspector [Signature] Commission UBS176