

FORM U-1-A MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS S/O T-600349
 Alternate Form For Single Chamber Completely Shop Fabricated Vessels Only
 As Required By The Provisions Of The ASME Code Rules, Section VIII, Division 1.

1. Manufactured by Trinity Industries, Inc., 160 N. Rockford, Tulsa, Oklahoma
(Name and address of the manufacturer)

2. Manufactured for Deering Milliken c/o Deering Milliken Elm City Plant, La Grange, Georgia
(Name and address of the purchaser)

3. Type Horiz. Vessel No. (389313) (Mfrs. Serial) (State & State No.) Nat'l. Bd. No. 62069 Yr. Built 1973

4. SHELL: Mat'l. SA-515-70 T.S. 70,000 Nom. Thk. .778 in. Corr. Allow. 0 in. I.S. 9 ft. 0 in. O.A. Length 65 ft. 10.125 in.
(Kind and Spec. No.) (Fig. or F.B. & Spec. Min. T.S.)

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

If riveted or brazed describe seams fully under remarks.

Girth Dbl. Butt H.T. No R.T. *Part 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>.436"</u>					<u>54" I.S.</u>		<u>Concave</u>
(b)	<u>End</u>	<u>.436"</u>					<u>54" I.S.</u>		<u>Concave</u>

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

7. Constructed for max. allowable working press. ² 250 psi. at max. temp. 125 °F. Min. temp. (when less than -20°) _____ °F. ~~Hydrostatic Test~~ Test Press. 375 psi.

8. SAFETY OR RELIEF VALVE OUTLETS: Number 3 Size 2" Location Shell Top Ctr Line

9. NOZZLES:

Purpose, (Inlet Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
<u>Liq. Out</u>	<u>1</u>	<u>3"</u>	<u>Cplg.</u>	<u>F.S.</u>	<u>6000#</u>	<u>-</u>	<u>Welded</u>
<u>Lev. Ga.</u>	<u>1</u>	<u>2.5"</u>	<u>Roch</u>	<u>22-17</u>	<u>Adapter</u>	<u>-</u>	<u>Welded</u>
<u>Fill, Vapor</u>	<u>6</u>	<u>2"</u>	<u>Cplg.</u>	<u>F.S.</u>	<u>3000#</u>	<u>-</u>	<u>Welded</u>
<u>Thermo</u>	<u>1</u>	<u>.5"</u>	<u>Pipe</u>	<u>C.S.</u>	<u>XX Hvy</u>	<u>-</u>	<u>Welded</u>
<u>LL & PG</u>	<u>1</u>	<u>.75"</u>	<u>Cplg.</u>	<u>F.S.</u>	<u>6000#</u>	<u>-</u>	<u>Welded</u>
<u>Roto</u>	<u>1</u>	<u>1"</u>	<u>Cplg.</u>	<u>F.S.</u>	<u>3000#</u>	<u>-</u>	<u>Welded</u>

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

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

12. REMARKS: 108" Dia. 30000 W.G. Bulk Storage Tank Per 600349-1
Tank used in non-corrosive service
18" plug in head SBW w/Back Up Bar & Complete Radiograph

(Brief description of purpose of the vessel, as Air Tank, Water Tank, L.P.G., Etc.—State Content.)
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.

Date 2-27- 19 73 Signed Trinity Industries, Inc. By [Signature]
(Manufacturer)

Certificate of Authorization Expires January 7, 1974
*Heads are spot R.T. *Head Girth Seams are Compl R.T.

CERTIFICATE OF SHOP INSPECTION

VESSEL MADE BY Trinity Industries, Inc. at Tulsa, Oklahoma

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State of New York and employed by Commercial Union Assurance Companies of Boston, Mass. have inspected the pressure vessel described in this manufacturer's data report on 2-27- 19 73, 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 April 10, 19 73
[Signature] Inspectors Signature Commissions N. B. # 5635
Nat'l. Board, State, or Province and No.