

FORM U-1-A MANUFACTURERS' DATA REPORT FOR UNFIRED 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 T- 600200

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

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

3. Type Horiz. Vessel No. (388163) (Mrs. Serial) (State & State No.) Nat'l. Bd. No. 64880 Yr. Built 1973

4. SHELL: Mat'l. SA-515-70 T.S. 70,000 Non. Thk. .778 in. Corr. Allow. 0 in. I.S. 9 ft. 0 in. Length 65 ft. 10 1/8 in.

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. 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
Hds spot X-Rayed and post weld H.T.

Location	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a) End	.436"					54" I.S.		Concave
(b) End	.436"					54" I.S.		Concave

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. 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 Center Line

9. NOZZLES:

Purpose, (Inlet Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
Liq. Out	1	3"	Cplg.	F.S.	6000#	-	Welded
Lev. Ga.	1	2.5"	Cplg.	F.S.	3000#	-	Welded
Fill, Vapor	3	2"	Cplg.	E.S.	3000#	-	Welded
Thermo	1	.5"	Pipe	SA-53-B	XX Hvy	-	Welded
LL & PG	2	.25"	Cplg.	F.S.	6000#	-	Welded

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

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

12. REMARKS: 108" Dia. 30,000 W.G. Bulk Storage Tank Per Trinity Dwg. S-40148
Tank used in non-corrosive service
18" plug in hd SBW w/Back Up Bar 100% X-Rayed

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

Certificate of Authorization Expires January 7, 1974

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 2-2- 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 2, 19 73
Inspectors Signature [Signature] Commissions N. B. # 5635
Nat'l. Board, State, or Province and No.