

MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS

As Required by the Provisions of the A.S.M.E. Code Rules

X-79581

1. Manufactured by Trinity Steel Co., Inc. - Denton, Texas P.O. Box 1219
(Name and address of the manufacturer)
2. Manufactured for COTTON PRODUCER'S ASSN., CAIRO, GEORGIA
(Name and address of the purchaser)
3. Type Horiz. Vessel No. 361148 () Nat'l Bd. No. 21633 Yr. Built 19 67
(Horiz. or Vert) (Mfr. Serial) (State & State No.)
4. SHELL: Material SA-212-B T.S. 70,000 Thickness .75 in. Diam. 8 ft. 8 O.A. 44 ft. 4.875 ft. 15 in.
(Kind and Spec. No.) (Fig or P & H & Lowest T.S.)
5. SEAMS: Long D.B. Weld S.R. no X.R. Complete Sectioned No Efficiency 100 %
(Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)
6. HEADS: (a) Material SA-455-B T.S. 73,000 (b) Material SA-455-B T.S. 73,000
(Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)
- | 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) End | .420 | | | | | 52.0" I.S. | | Concave |
| (b) End | .420 | | | | | 52.0" I.S. | | Concave |
7. Constructed for Int. pressure of 250 psi. Max. Temp. 125 °F. Subzero °F. Hydrostatic Test 375 psi.
8. SAFETY OR RELIEF VALVE OUTLETS: Number 2 Size 2" Location Shell-top ctr. line

9. NOZZLES:

Purpose (Inlet, Outlet, Drain)	Number	Diam or Size	Type	Material	Thickness	Reinforcement Material	How Attached
Thermometer	1	.50"	Pipe	SA106B	KX-Hvy		Welded
Liq. Out	1	3"	cplg.	steel	3000#		Welded
Fill & Vap.	3	2"	cplg.	steel	3000#		Welded
Level Ga.	1	2.50"	cplg.	steel	3000#		Welded
Press & Outage	2	.25"	cplg.	steel	6000#		Welded
Rotary ga.	1	1"	cplg.	steel	3000#		Welded

10. INSPECTION Manholes, No. Size Location
 OPENINGS Handholes, No. Size Location
11. SUPPORTS: Skirt NO Lugs Legs Other Attached
(Yes or No) (Number) (Number) (Describe) (Where & How)

12. REMARKS: NH3 Skid Tank Bulk Storage Tank 18,000 Water Gallon Capacity
 * Head gore seams are spot X-rayed per code.

We certify that the statements made in this report are correct and that all details of material, construction, and workmanship of this vessel conform to the ASME Code for Unfired Pressure Vessels.

This vessel constructed in accordance with plans and specifications shown on DRAWING NO. S-49020 as approved by 19 , and the completed vessel bears the A.S.M.E. Unfired Pressure Vessel Code Symbol.

License No.: 617
 Date NOV 30 1968 19 Signed Trinity Steel Co. By Welding Super
(Manufacturer)

Certificate of Authorization Expires December 31, 1967

* Stress relieved per code. Vessel Closing seam (hole in head) 100% X-rayed

CERTIFICATE OF SHOP INSPECTION

Inspection Agency's Serial No. E-25
 VESSEL MADE BY Trinity Steel Co., Inc. at Denton, Texas

I, the undersigned, holding a Certificate of Competency as an Inspector of Boilers and Unfired Pressure Vessels in THE STATE OF Texas and employed by Employers Casualty Co. of Dallas, inspected internally and externally, the vessel described in this report on NOV 30 1968 19 67 and certify that the statements made in this report are correct, corresponding with mill test reports of materials furnished by the builders and measurements made of the vessel, and that this vessel is constructed in accordance with the ASME Code for Unfired Pressure Vessels.

Date NOV 30 1968 19 67
 Inspector's Signature Texas 258 Commissions State or Nat'l Bd. & Number