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MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS

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

1. Manufactured by FLINT STEEL CORPORATION, MEMPHIS, TENNESSEE #7511-3-T-1-B
(Name and address of the manufacturer)

2. Manufactured for Texas-Eastman Corporation, Longview, Tex.
(Name and address of the purchaser)

3. Type (Horizontal or Vertical) Unfired Pressure Vessel No. 5093 (Mfrs.' serial No.) (State and State No.) 18627 (Nat'l Board No.) Year built 1951

4. Have mill test reports been checked on all the plates entering this unfired pressure vessel Yes

Do the chemical and physical properties of all plates meet the requirements of the Code Yes

5. Shell or Drums: No. Diameter (or width) 8 ft. 20 in. Length over-all 67 ft. 1 in. Height ft. in.

6. Stamps on shell plates SA-212-B 1000 (Brand and Low to Tensile Strength) Rivets, stays, and braces (Iron or steel)

7. Shell Plates .25 (Outer Thickness) in. Butt straps (Thickness) in. Style of seams: Longitudinal FW par 150 Girth FW par 150 (Riveted, Forge Welded, Brazed, or Fusion Welded—Par. No.)

8. Diameter of rivet holes in. Pitch of rivets X X Efficiency of joint 85 %

9. Girth Joints (Single or double riveted) Diameter rivet holes in. Pitch of rivets in. No. of courses 8

10. Inner Shell (Thickness) in. Style of seams: Longitudinal Girth (Riveted, Forge Welded, Brazed, or Fusion Welded—Par. No.) Length of section or course ft. in.

11. Heads: Flat or dished .375 (Thickness) in. Radius of dish Ellipsoidal 2:1 Ratio Side to pressure convex (Concave or convex)

If removable, bolts used (Number and size) or method of fastening FW par UG (Welded, Bolted, etc.)

12.

	STAYS	No.	Size	Net Area	Welded or Weldless	Area to be Stayed	Maximum Allowable Working Pressure
(a)	F.H.						
(b)	R.H.						
(c)	Through						
(d)	Diagonal and Gusset Stays						

13. Staybolts (Iron or Steel) If hollow (Size of hole) 14. Maximum pitch (Horizontal) (Vertical) Diameter (Over the threads) in.

15. Safety Valve Outlets: No. 2 Size 3

16. Fusible Plug (if used): No. Diameter and material of filling Location

17. Outets: No. 7 Size 1-3 1-2 2-1½ 1-3/4 Material of nozzle or reinforcement How attached (Welded, Welded, etc.)

18. Drain Connection (Size) in. Hand Holes or Sight Holes (Number, size, and location)

19. Manhole: 1 (Number) 16" ID in 1st shell (Size and location of each) Reinforcement 7/8" x 29" x 36" pad & 1" collar (Riveted, Welded, etc.)

20. Nonpressure Parts. (a) Supporting lugs (Number) Supporting skirts (b) Other nonpressure parts Ladder & Platform (Name and number)

(c) Where and how attached welded to 1st shell

21. Bursting pressure 1000 psi Hydrostatic test 400 lb. 22. Constructed for pressure of 200 psi Factor of safety 5

Remarks: Aboveground Liquefied Petroleum (Vessel to be used for air, gas, ammonia, etc.)
30,000 gal. water capacity

We certify the above data to be correct and that all details of material, construction, and workmanship on this unfired pressure vessel conform to the A.S.M.E. Code for Unfired Pressure Vessels.

Date DEC 17 1951 Signed FLINT STEEL CORPORATION. by
(Manufacturer)

Certificate of Authorization Expires (No. 72) December 31 19 52