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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 *Quot. # 7511-3-T-1-B*  
 (Name and address of the manufacturer)
2. Manufactured for Texas-Eastman Corporation Longview, Texas  
 (Name and address of the purchaser)
3. Type Horizontal Unfired Pressure Vessel No. 9093 (Mfrs.' serial No.) 18619 (State and State No.) (Natl. Board No.) Year built 1951  
 (Horizontal or Vertical)
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. 1 Diameter 30 ft. 30 in. Length over-all 67 ft. 1 in. Height 1 ft. 1 in.  
 (or width)
6. STAMPS on shell plates A-212-70000 Rivets, stays, and braces Iron or steel  
 (Brand and Lowest Tensile Strength)
7. SHELL PLATES 06 in. Butt straps 06 in. Style of seams: Longitudinal PW per U69 Girth FW per U69  
 (Outer Thickness) (Thickness) (Riveted, Forge Welded, Brazed, or Fusion Welded—Par. No.)
8. Diameter of rivet holes 1/2 in. Pitch of rivets X X Efficiency of joint 80 %
9. GIRTH JOINTS 2 Diameter rivet holes 1/2 in. Pitch of rivets 1 in. No. of courses 2  
 (Single or double riveted)
10. INNER SHELL 06 in. Style of seams: Longitudinal PW per U69 Girth FW per U69 Length of section or course 67 ft. 1 in.  
 (Thickness) (Riveted, Forge Welded, Brazed, or Fusion Welded—Par. No.)
11. HEADS: Flat or dished Concave in. Radius of dish 21:1 Ratio Side to pressure Concave  
 (Thickness) (Concave or convex)
- If removable, bolts used FW per U69 or method of fastening Describe in sketch  
 (Number and size)

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 1/2 (Size of hole) 14. Maximum pitch Horizontal Vertical Diameter 1 in. (Over the threads)
15. SAFETY VALVE OUTLETS: No. 2 Size 1/2
16. FUSIBLE PLUG (if used): No. 1 Diameter and material of filling 1/2 Location 1
17. NOZZLES: No. 7 Size 1-2 1/2 Material of nozzle or reinforcement 1-2 2-1/4 1-3/4 How attached Welded  
 (Welded, etc.)
18. DRAIN CONNECTION 1 in. HAND HOLES OR SIGHT HOLES 1 (Number, size, and location)
19. MANHOLES: 1 18" dia top hat shell Reinforcement 7/8" dia 10x36" and 1" collar  
 (Number) (Size and location of each) (Riveted, Welded, etc.)
20. NONPRESSURE PARTS. (a) Supporting lugs 1 Supporting skirts 1 (b) Other nonpressure parts 1  
 (Number) (Kind and number)
- (c) Where and how attached welded to hd. and shell
21. Bursting pressure 1000 psi Hydrostatic test 400 lb. 22. Constructed for pressure of 200 psi Factor of safety 5

Remarks: Aboveground Unfired Petroleum (Vessel to be used for air, gas, ammonia, etc.)

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 NOV 2 1951 Signed FLINT STEEL CORPORATION by [Signature]  
 (Manufacturer)