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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  
(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.) (State and State No.) 18618 (Natl. 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 10 ft. 8 in. Length over-all 67 ft. 1 in. Height \_\_\_\_\_ ft. \_\_\_\_\_ in.  
(or width)
6. STAMPS on shell plates SA 214-10000 Rivets, stays, and braces \_\_\_\_\_ (Iron or steel)  
(Brand and Lowest Tensile Strength)
7. SHELL PLATES 06 in. Butt straps \_\_\_\_\_ in. Style of seams: Longitudinal RW par 1160 Girth RW par 1160  
(Outer Thickness) (Thickness) (Riveted, Forge Welded, Brazed, or Fusion Welded—Par. No.)
8. Diameter of rivet holes \_\_\_\_\_ in. Pitch of rivets X X Efficiency of joint 80 %
9. GIRTH JOINTS \_\_\_\_\_ Diameter rivet holes \_\_\_\_\_ in. Pitch of rivets \_\_\_\_\_ in. No. of courses 8  
(Single or double riveted)
10. INNER SHELL \_\_\_\_\_ in. Style of seams: Longitudinal \_\_\_\_\_ Girth \_\_\_\_\_ Length of section or course \_\_\_\_\_ ft. \_\_\_\_\_ in.  
(Thickness) (Riveted, Forge Welded, Brazed, or Fusion Welded—Par. No.)
11. HEADS: Flat or dished \_\_\_\_\_ in. Radius of dish Elliptical Side to pressure concave  
(Thickness) (Concave or convex)  
2:1 Ratio
- If removable, bolts used \_\_\_\_\_ or method of fastening RW par 1160 double nut  
(Number and size) (Describe)

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

13. STAYBOLTS \_\_\_\_\_ If hollow \_\_\_\_\_ Diameter \_\_\_\_\_ in.  
(Iron or Steel) (Size of hole) (Horizontal) (Vertical) (Over the threads)
14. Maximum pitch \_\_\_\_\_
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 Material of nozzle or reinforcement \_\_\_\_\_ How attached welded  
1-2 2-1 1-3/4 (Riveted, Welded, etc.)
18. DRAIN CONNECTION \_\_\_\_\_ HAND HOLES OR SIGHT HOLES \_\_\_\_\_ (Number, size, and location)
19. MANHOLE: 1 18" 7 1/2" for 1st shell Reinforcement 7/8" x 19" ID x 36" OD see 4" collar  
(Number) (Size and location of each) (Riveted, Welded, etc.) Ladder 5
20. NONPRESSURE PARTS. (a) Supporting lugs \_\_\_\_\_ Supporting skirts \_\_\_\_\_ (b) Other nonpressure parts see above  
(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 Liquefied Petroleum

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 OCT 29 1951 Signed \_\_\_\_\_ (Manufacturer) by [Signature]

(No. 72) December 31