

175

# 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, Texas  
(Name and address of the purchaser)

3. Type Unfired Pressure Vessel No. 9093 18623 Year built 1951  
(Manufacturer's serial No.) (State and State No.) (Natl. Board No.)

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 30 ft. 30 in. Length over-all 67 ft. 2 in. Height \_\_\_\_\_ ft. \_\_\_\_\_ in.  
(or Width)

6. STAMPS on shell plates ASME 1950 Rivets, stays, and braces \_\_\_\_\_ (Iron or steel)  
(Brand and size of Rivets)

7. SHELL PLATES 96 in. Butt straps \_\_\_\_\_ in. Style of seams: Longitudinal FW per 169 Girth FW per 169  
(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 2:1 Ratio Side to pressure concave  
(Thickness) (Concave or convex)

If removable, bolts used \_\_\_\_\_ or method of fastening FW per 169 double nuts  
(Number and size) (Riveted, Bolted, or Welded)

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 \_\_\_\_\_ 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 2

16. FUSIBLE PLUG (if used): No. \_\_\_\_\_ Diameter and material of filling \_\_\_\_\_ Location \_\_\_\_\_

17. OUTLETS: No. 7 Size 1-3/4 Material of nozzle or reinforcement \_\_\_\_\_ How attached welded  
1-2 2-2 1-3/4 (Riveted, Welded, etc.)

18. DRAIN CONNECTION \_\_\_\_\_ in. HAND HOLES OR SIGHT HOLES \_\_\_\_\_ (Number, size, and location)  
(Size)

19. MANHOLE: 1 20" 30 top 1st shell Reinforcement 7/8" 29" 10-36" and 2" collar  
(Number) (Size and location of each) (Riveted, Welded, etc.) ladder & platform

20. NONPRESSURE PARTS. (a) Supporting lugs \_\_\_\_\_ Supporting skirts \_\_\_\_\_ (b) Other nonpressure parts \_\_\_\_\_  
(Number) (Kind and number)

(c) Where and how attached welded to no. and shell

21. Bursting pressure 2000 psi Hydrostatic test 400 lb. 22. Constructed for pressure of 200 psi Factor of safety 3

Remarks: aboveground liquefied Petroleum  
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 NOV 27 1951 Signed \_\_\_\_\_ by [Signature]  
FLINT STEEL CORPORATION. (Manufacturer)