

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 0 #8594  
 (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. 8594 18613 Year built 1951  
 (Horizontal or Vertical) (Date - 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. 10 Diameter 8 ft. 10 in. Length over-all 67 ft. 1 in. Height 1 ft. 10 in.  
 (or width)

6. STAYS on shell plates SA212-70000 Rivets, stays, and braces \_\_\_\_\_  
 (Brand and Lowest Tensile Strength) (Iron or steel)

7. SHELL PLATES .96 in. Butt straps \_\_\_\_\_ in. Style of seams: Longitudinal FW par U69 Girth FW par U69  
 (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 .77 in. Radius of dish 28.1 in. Side to pressure Concave  
 (Thickness) (Concave or convex)

If removable, holes used \_\_\_\_\_ or method of fastening FW par U69 double butt weld  
 (Diameter and size) (Describe or sketch)

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

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

15. SAFETY VALVE ORIFICES: No. 2 Size 4" flanged

16. FLYWHEEL PAYS (if used): No. 1 6" nonferrous and material of filling \_\_\_\_\_ Location \_\_\_\_\_  
8 2-5" \_\_\_\_\_

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

18. DRAIN CONNECTION 2 in. HAND HOLES OR SIGHT HOLES \_\_\_\_\_

19. MANHOLES: 1 17" DD Top Center shell PL 30 5/8" OD x 1" x 19" ID PG  
 (Number) (Size and location of opening) (Reinforcement) (Riveted, Welded, etc.) welded

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

(c) Where and how attached welded to bottom shell 1/2" wear PL

21. Bursting pressure \_\_\_\_\_ psi Hydrostatic test \_\_\_\_\_ lb. 22. Constructed for pressure of \_\_\_\_\_ psi Factor of safety 5

Remarks: ABORIGINAL LIQUIDIFIED PETROLEUM DRG  
 (Vessel to be used for oil, gas, ammonia, etc.)

30,000 gallon 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 JUL 9 1957 Signed \_\_\_\_\_ FLINT STEEL CORPORATION. \_\_\_\_\_  
 (Manufacturer)

(No. 72) December 31  
 91/6 8 101.2401. Authorization Expires \_\_\_\_\_ Inventory Control B7 237-5285  
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