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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 Unfired Pressure Vessel No. 7093 (Mfr.' serial No.) 18624 (State and State No.) (Nat. 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. _____ Diameter 8 ft. 10 in. Length over-all 67 ft. 1 in. Height _____ ft. _____ 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 _____ in. Style of seams: Longitudinal FW par 169 Girth FW par 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 convex in. Radius of dish Ellipsoidal Side to pressure convex
(Thickness) (Concave or convex)
2:1 Ratio

If removable, bolts used _____ or method of fastening FW par 169
(Number and size) (Describe in sketch)

| | 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 _____ (Iron or Steel) (Size of hole) 14. Maximum pitch _____ Diameter _____ in.
(Horizontal) (Vertical) (Over the threads)

15. SAFETY VALVE OUTLETS: No. 2 Size 1/2

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

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

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

19. MANHOLE: 1 18" ID top 1st shell Reinforcement 7/8" x 19" ID x 36" pad & 1" collar
(Number) (Size and location of each) (Riveted, Welded, etc.)

20. NONPRESSURE PARTS. (a) Supporting lugs _____ Supporting skirts _____ (b) Other nonpressure parts ladder & platform
(Number) (Kind and number)

(c) Where and how attached welded to hd. and shell

21. Bursting pressure 1600 psi Hydrostatic test 400 lb. 22. Constructed for pressure of 200 psi Factor of safety 8

Remarks: Above-ground Liquefied 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 DEC 3 1951 Signed _____ FLINT STEEL CORPORATION. by [Signature]
(Manufacturer)

(No. 72) December 31