

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 #7511-3-7-1-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.) 18626 (State and State No.) (Natl. Board No.) Year built 1953
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 57 ft. 3 in. Height _____ ft. _____ in.
(or width)
6. STAMPS on shell plates SA-312-10000 Rivets, stays, and braces _____ (Iron or steel)
(Brand and Minimum Tensile Strength)
7. SHELL PLATES 06 in. Butt straps _____ in. Style of seams: Longitudinal FH per U69 Girth FH per 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 of course _____ ft. _____ in.
(Thickness) (Riveted, Forge Welded, Brazed, or Fusion Welded—Par. No.)
11. HEADS: Flat or dished _____ in. Radius of dish Elliptical to pressure _____
(Thickness) (Concave or convex)
2:1 Ratio
- If removable, bolts used _____ or method of fastening FH per U69 double nuts
(Number and size) (Do not be checked)

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 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 per U69
1-2 2-1/2 1-3/4 (Riveted, Welded, etc.)
18. DRAIN CONNECTION _____ HAND HOLES OR SIGHT HOLES _____
(Size) (Number, size, and location)
19. MANHOLE: 1 18" FD top int shell Reinforcement 7/8" x 29" FD 36" per U69 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 hd. and shell
21. Bursting pressure 1000 psi Hydrostatic test 500 lb. 22. Constructed for pressure of 200 psi Factor of safety 5

Remarks: Aboveground 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 11 1953 Signed FLINT STEEL CORPORATION by [Signature]
(Manufacturer)