

172

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-A
(Name and address of the manufacturer)
2. Manufactured for Texas Eastman Company, Longview, Texas
(Name and address of the purchaser)
3. Type Horizontal Unfired Pressure Vessel No. 9093 (Mfrs. serial No.) (State and State No.) (Natl. Board No.) Year built 1952
(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 SA212-70000 Rivets, stays, and braces _____ (Iron or steel)
(Brand and Lowest Tensile Strength)
7. SHELL PLATES 5/16 in. Butt straps _____ in. Style of seams: Longitudinal FV per U69 Girth FV 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 or course _____ ft. _____ in.
(Thickness) (Riveted, Forge Welded, Brazed, or Fusion Welded—Par. No.)
11. HEADS: Flat or dished 7/16 in. Radius of dish Ellipsoidal Side to pressure concave
(Thickness) (Concave or convex)
2:1 Ratio
- If removable, bolts used _____ or method of fastening FV per U69 double nut
(Number and size) (Describe if special)

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 _____ 14. Maximum pitch _____ Diameter _____ in.
(Iron or Steel) (Size of hole) (Horizontal) (Vertical) (Over the threads)
15. SAFETY VALVE OUTLETS: No. 2 Size 3/4
16. FUSIBLE PLUG (if used): No. _____ Diameter and material of filling _____ Location _____
17. OUTLETS: No. 7 Size 1-1/2 Material of nozzle or reinforcement _____ How attached welded
1-2 2-3/4 1-3/4 (Riveted, welded, etc.)
18. DRAIN CONNECTION _____ in. HAND HOLES OR SIGHT HOLES _____ (Number, size, and location)
19. MANHOLE: 1 18" dia top lat shell Reinforcement 7/8" x 10" dia 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 top lat. 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
(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 NOV 8 1951 Signed _____ FLINT STEEL CORPORATION. by [Signature]
(Manufacturer)

(No. 72) December 31