

169

MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS

As Required by the Provisions of the A. S. M. E. Code Rules and National Board

- Manufactured by FLINT STEEL CORPORATION, MEMPHIS, TENNESSEE
(Name and address of the manufacturer)
- Manufactured for Texas Eastman Corporation Longview Tex.
(Name and address of the purchaser) 13616
- Type Horizontal Unfired Pressure Vessel No. 9093 (Mfrs.' serial No.) (State and State No.) (Nat'l. Board No.) Year built 1951
- 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
- SHELL OR DRUMS: No. _____ Diameter 8 ft. 10 in. Length over-all 67 ft. 1 in. Height _____ ft. _____ in.
(or width)
- STAMPS on shell plates None Rivets, stays, and braces _____ (Iron or steel)
(Brand and Lowest Tensile Strength)
- SHELL PLATES 06 in. Butt straps _____ in. Style of seams: Longitudinal FW par 169 Girth FW par 169
(Outlet Thickness) (Thickness) (Riveted, Forge Welded, Brazed, or Fusion Welded—Par. No.)
- Diameter of rivet holes _____ in. Pitch of rivets X X Efficiency of joint 80 %
- GIRTH JOINTS _____ Diameter rivet holes _____ in. Pitch of rivets _____ in. No. of courses 8
(Single or double riveted)
- 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.)
- HEADS: Flat or dished _____ in. Radius of dish Elliptical Side to pressure Concave
(Thickness) (Concave or convex)
2:1 Ratio
- If removable, bolts used _____ or method of fastening FW par 169 double nuts
(Number and size) (Describe)

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						

- STAY BOLTS: _____ If hollow _____ (Iron or Steel) (Size of hole) 14. Maximum pitch _____ (Horizontal) _____ (Vertical) Diameter _____ in. (Over the threads)
- SAFETY VALVE OUTLETS: No. 2 Size 1/2
- FURBLE PLUG (if used): No. _____ Diameter and material of filling _____ Location _____
- OUTLETS: No. 7 Size 1-1/2 2-1/2 1-3/4 Material of nozzle or reinforcement _____ How attached riveted
(Riveted, Welded, etc.)
- DRAIN CONNECTION _____ in. HAND HOLES OR SIGHT HOLES _____ (Number, size, and location)
- MANHOLE: 1 18" ID top let shell Reinforcement 7/8" x 19" ID 36" collar
(Number) (Size and location of each) (Riveted, Welded, etc.) (Kind and Number)
- 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
- Bursting pressure 1000 psi Hydrostatic test 400 lb. 22. Constructed for pressure of 200 psi Factor of safety 3

Remarks: Above-ground liquefied petroleum gas

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 OCT 17 1951 Signed _____ FLINT STEEL CORPORATION, (Manufacturer) by [Signature]

(No. 72) December 31