

**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** #8762  
(Name and address of the manufacturer)

2. Manufactured for *Harris Distributors - Little Rock, Ark.*  
(Name and address of the purchaser) **27593** 27593 1953

3. Type **Horizontal** Unfired Pressure Vessel No. \_\_\_\_\_ (Mfr.'s serial No.) \_\_\_\_\_ (State and State No.) \_\_\_\_\_ (Nat'l. Board No.)  
(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 **00** **5** **0** in. Length over-all **43** **0** 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 **.54** 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 **5**  
(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 **.43** in. Radius of dish **2:1** in. Side to pressure **concave**  
(Thickness) **SA212 Gr. B-70000** (Concave or convex)  
**FW par U69 with backup bar**

If removable, bolts used \_\_\_\_\_ or method of fastening \_\_\_\_\_  
(Number and size) (Describe or sketch)

STAYS	No.	Size	Net Area	Welded or Weldless	Area to be Stayed	Maximum Allowable Working Pressure
12. (a) F.H.						
(b) R.H.					FEB 16	53
(c) Through						
(d) Diagonal and Gusset Stays						

13. STAY BOLTS \_\_\_\_\_ If hollow \_\_\_\_\_ 14. Maximum pitch \_\_\_\_\_  
(Iron or Steel) (Size of hole) (Horizontal) (Vertical) (Over the threads)

15. SAFETY VALVE OUTLETS: No. **2** Size **2**

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

17. OUTLETS: No. **9** Size **3-2** Material of nozzle or reinforcement \_\_\_\_\_ How attached **welded**  
**1-1 3-3/4 1-1** (Riveted, Welded, etc.)

18. DRAIN CONNECTION **2 1/2** in. HAND HOLES OR SIGHT HOLES \_\_\_\_\_  
(Size) (Number, size, and location)

19. MANHOLES: \_\_\_\_\_ Reinforcement \_\_\_\_\_ (Riveted, Welded, etc.) **fitting and ground lug**  
(Number) (Size and location of each)

20. NONPRESSURE PARTS: (a) Supporting lugs \_\_\_\_\_ Supporting skirts \_\_\_\_\_ (b) Other nonpressure parts **ground lug**  
(Number) (Kind and number)  
**welded to hd. & shell**

(c) Where and how attached \_\_\_\_\_ **200** **5**

21. Bursting pressure **1000** psi Hydrostatic test \_\_\_\_\_ lb. 22. Constructed for pressure of \_\_\_\_\_ psi Factor of safety **5**

Remarks: **Aboveground Liquefied Petroleum**  
**5000 gallon water capacity**  
(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 **FEB 5 1953** Signed \_\_\_\_\_ FLINT STEEL CORPORATION. \_\_\_\_\_ by *[Signature]*  
(Manufacturer)

(No. 72) December 31 **EXX 1955**  
Certificate of Authorization Expires \_\_\_\_\_ 19.53

**CERTIFICATE OF SHOP INSPECTION**

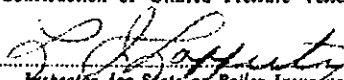
Insurance Company's Serial Number..... **B 0727**

VESSEL MADE BY: **FLINT STEEL CORPORATION, MEMPHIS, TENNESSEE**

I, the undersigned, holding a certificate of competency as an inspector of steam boilers in ~~XXXXXX~~ **National**  
**Board No 2451**, and employed by the **Ocean Accident & Guarantee Corp.**

of **New York** inspected internally and externally, the vessel specified in this report, on.....

**FEB - 5 1953** 19 , and certify that the statements made on this report are correct, corresponding with the mill test reports of material as furnished by the builders and measurements of the vessel when completed; and that this vessel is constructed in accordance with the A.S.M.E. Code Rules for the Construction of Unfired Pressure Vessels.

  
Inspector for State or Boiler Insurance Company