

**MANUFACTURERS DATA REPORT FOR UNFIRED PRESSURE VESSELS**  
As Required by the Provision of the A.S.M.E. Code

I.A. 1308

1. Manufactured by American Pipe & Construction Company  
Steel Tank & Pipe Division Portland, Oregon  
(Name and address of the manufacturer)

2. Manufactured for Perkell-Heiss Los Angeles, Calif.  
(Name and address of the purchaser)

3. Type Horizontal Unfired Pressure Vessel No. 3740 (ASME No. UB 3333) Year built 1949  
(Horizontal or vertical) (State and mark No.)

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. 1 Diameter 9 ft. 0 <sup>14</sup> in. Length over all 65 ft. 8 in. Height      ft.      in.  
(or width)

6. BRACES ON SHELL PLATES 10 Rivets, stays and braces  
(Rivets and bracing details)

7. SHELL PLATE: 1 in. Butt straps      in. Style of seams: Longitudinal Double vee weld Girth Double vee weld  
(Thickness) (Thickness) (Riveted, forge welded, brazed or fusion welded—Type of)

8. DIAMETERS 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 6  
(Single or double riveted)

10. TOWER SHELL      in. Style of seams: Longitudinal      Girth      Length of section or course      ft.      in.  
(Thickness) (Riveted, forge welded, brazed or fusion welded—Type of)

11. HEADS: Flare dished 25/32 in. Radius of dish 212 in. Side to pressure Exterior  
(Thickness) (Concave or convex)

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

STAYS	No.	Size	Net Area	Ways or Warnings	Range of Motion	Minimum Allowable Working Pressure
(a) F. H.						
(b) R. H.						
(c) Through						
(d) Diagonal and Gusset Stays						

12. STAYBOLTS      If hollow      14. Maximum pitch X Diameter      in.  
(Iron or steel) (Size of hole) (Horizontal) (Vertical) (Over the threads)

15. SAFETY VALVE outlets: No. 2 Size     

16. FILLING PLUG (if used): No. 1 Diameter and material of filling      Location     

17. NOZZLE: No. 1 Size 3/4 Material of nozzle or reinforcement Steel How attached Welded  
3/4 x 9" # Dair welded (Riveted, welded, etc.)

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

19. MANHOLES: 1 16" on top Reinforcement 1 1/4 x 25 # Dair welded  
(Number) (Size and location of each) (Riveted, welded, etc.)

20. Method of supporting vessel 2 Concrete Saddles

21. Working pressure      lbs. per sq. in. Hydrostatic test 400 lbs.

22. Constructed for pressure of 200 lbs. per sq. in. Maximum stress in shell plate 1.8 Y 20 lbs. per sq. in.

23. Contents: Propane Storage Tank  
(Vessel to be used for air, gas, steam, etc.)

We certify the above data to be correct and that all details of material and construction and workmanship on this unfired pressure vessel conform to the A.S.M.E. Code for Unfired Pressure Vessels.  
American Pipe & Construction Company  
Steel Tank & Pipe Division

J. A. 1948

### CERTIFICATE OF SHOP INSPECTION

Insurance Company's Serial Number **15 333**  
**American Pipe & Construction**

VESSEL MADE BY **Steel Tank & Pipe Division** at **Portland, Oregon**

I, the undersigned, holding a certificate of competency as an inspector of steam boilers in THE STATE

OF **Oregon**, and employed by the **Bureau of Labor**

of **Oregon**, inspected internally and externally the vessel specified in this report,

on **11-4-48** 19 **48**, 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 made 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.

*W. A. ...*

Inspector for State or Boiler Insurance Company