

THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY
MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS
 Form No. U-1 As Required by the Provisions of the A.S.M.E. Code Rules

1. Manufactured by Chicago Bridge & Iron Company, Birmingham, Alabama
(Name and address of the manufacturer)
 2. Manufactured for Phillips Petroleum Co. for Birmingham Gas Co, Bham Ala.
(Name and address of the purchaser)
 3. Type Horizontal Unfired Pressure Vessel No. (1255) (Mfg. serial, or A.S.M.E. No.) (554) (State and State No.) Year built 1945

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 8 10 ft. Length over all 67 2 ft. Height 2 ft. in.
(or width)

6. STAMPS on shell plates Rivets, stays and braces Double Butt Fusion Welded
(Brand and lowest tensile strength) Double Butt Fusion Welded

7. SHELL PLATES 0.98 in. Butt straps 0.77 in. Style of seams: Longitudinal Girth Double Butt Fusion Welded
(Outer) (Thickness) (Thickness) (Riveted, Forge Welded, Braze, or Fusion Welded - Par. No.)

8. Diameter of rivet holes 80 in. Pitch of rivets X Efficiency of joint 7 %

9. GIRTH JOINTS Diameter rivet holes 7 in. Pitch of rivets 7 in. No. of courses 7
(Single or double riveted)

10. INNER SHELL Double Butt Fusion Welded in. Style of seams: Longitudinal Girth Double Butt Fusion Welded Length of section or course 22 ft. in.
(Riveted, Forge Welded, Braze, or Fusion Welded - Par. No.)

11. HEADS: flat or dished Concave in. Radius of dish Concave Side to pressure Concave
(Thickness) (Concave or convex)

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
(a) F. H.						
(b) R. H.						
(c) Through						
(d) Diagonal and Gusset Stays						

13. STAYROLTS 2 If hollow 1" (Size of hole) 14. Maximum pitch 1" (Horizontal) 1" (Vertical) 1" (Over the threads)

15. SAFETY VALVE outlets: No. 2 Size 1"

16. FUSIBLE PLUG (if used): No. 6 Diameter and material of filling Steel Location Welded

17. OUTLETS: No. 2 Size 1" to 2" Material of nozzle or reinforcement Steel How attached Welded
(Riveted, welded, etc.)

18. DRAIN CONNECTION 2 in. HAND HOLES OR SIGHT HOLES 18" in top of shell
(Size) (Diameter and location)

19. MANHOLES: 1 (Number) 18" in top of shell (Size and location of each) Reinforcement Welded
(Riveted, welded, etc.)

20. Method of supporting vessel Saddles

21. Bursting pressure 1000 psi. Hydrostatic test 400 lb.

22. Constructed for pressure of 200 psi. Factor of Safety 5

Remarks: 30 MG. Propane Storage Tank CB&I Co. Contract 4-3256 U-69
Phillips P. O. 698509 (Vessel No.) Max Temp 250 F (Temp) Natl. Bd Class, 591 sqft

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.

Date AUG 14 1945 Signed CHICAGO BRIDGE & IRON CO. by J. S. Mc Ale
(Manufacturer)

CERTIFICATE OF SHOP INSPECTION

Insurance Company's Serial Number 1376

VESSEL MADE BY Chicago Bridge & Iron Co. Birmingham, Ala.

I, the undersigned, holding a certificate of competency as an inspector of steam boilers in THE STATE OF Nat'l Bd # 1858, and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY

of HARTFORD, CONN., inspected internally and externally, the vessel specified in this report, on **AUG 14 1945**

.....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 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.

William J. White
Inspector for State or Boiler Insurance Company.