

BSCo. Order BA 11293 (125) for Phillips Petroleum Co. Order O-8094
FORM U-1 MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS
 As Required by the Provisions of the A.S.M.E. Code Rules

1. Manufactured by Bethlehem Steel Company, Bethlehem, Pa.
(Name and address of the manufacturer)
2. Manufactured for General Motors Corp., Frigidaire Division, Dayton, Ohio
(Name and address of the purchaser)
3. Type Horizontal Unfired Pressure Vessel No. (BSCo. 943) (Nat'l Id. 708) Year built 1949
(Horizontal or Vertical) (Mfr.' serial, or A.S.M.E. No.) (State and State 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 8 ft. 10 in. Length over-all 57 ft. 01 in. Height 7 ft. 00 in.
(or width)
 Grade "B" P.E.
6. STAMPS on shell plates SA 412 70,000 Rivets, stays, and braces Double Bevel Butt Double Bevel Butt
(Brand and Lowest Tensile Strength) (Iron or steel)
7. SHELL PLATES 9/16 in. Butt straps 7/8 in. Style of seams: Longitudinal Fusion Welded, U69 Girth Fusion Welded, U69
(Outer Thickness) (Thickness) (Riveted, Forge Welded, Braised, or Fusion Welded—Par. No.)
8. Diameter of rivet holes 1 1/8 in. Pitch of rivets 2 1/2 in. Efficiency of joint 80 %
9. GIRTH JOINTS Double Diameter rivet holes 1 1/8 in. Pitch of rivets 2 1/2 in. No. of courses 7
(Single or double riveted)
10. INNER SHELL 9/16 in. Style of seams: Longitudinal Fusion Welded, U69 Girth Fusion Welded, U69 Length of section or courses 0 ft. 0 in.
(Thickness) (Riveted, Forge Welded, Braised, or Fusion Welded—Par. No.)
11. HEADS Concave or dished 764 in. Radius of dish Elliptical Side to pressure Concave
(Thickness) (Concave or convex)
- If removable, bolts used None or method of fastening None
(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. STAYBOLETS None If hollow None 14. Maximum pitch 2 1/2 in. Diameter 1 1/8 in.
(Iron or Steel) (Size of hole) (Horizontal) (Vertical) (Over the threads)
15. SAFETY VALVE outlets: No. None Size None
16. FUSIBLE PLUG (if used): No. None Diameter and material of filling None Location None
17. OUTLETS: No. 2 Size 2" 2 1/2" Material of nozzle or reinforcement Forged Steel How attached Welded
(Riveted, Welded, etc.)
18. DRAIN CONNECTION 2 in. HAND HOLES OR SIGHT HOLES None
(Size) (Number, size, and location)
19. MANHOLES: 1 19" Dia Top Reinforcement 96" Welded Pad
(Number) (Size and location of neck) (Riveted, Welded, etc.)
20. NONPRESSURE PARTS. (a) Supporting lugs None Supporting skirts None (b) Other nonpressure parts None
(Number) (Kind and number)
- (c) Where and how attached None
21. Bursting pressure 1000 psi Hydrostatic test 500 lb 22. Constructed for pressure of 200 psi Factor of safety 5

Remarks: Vessel to be used for propane storage.
(Vessel to be used for air, gas, ammonia, etc.)
Hammer tested at 500 lbs.

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 July 15, 1949 Signed Bethlehem Steel Company
(Manufacturer)
 Certificate of authorization expires Dec. 31, 1949
W. J. Pennington

FORM 1-1 MANUFACTURERS' DATA REPORT FOR INSURED PRESSURE VESSELS
As required by the provisions of the A.S.M.E. Code Rules

CERTIFICATE OF SHOP INSPECTION

Insurance Company's Serial Number T-165-48-78

VESSEL MADE BY Bethlehem Steel Co. at Bethlehem, Pa.

I, the undersigned, holding a certificate of competency as an inspector of steam boilers in THE STATE OF Ohio, and employed by the Travelers Indemnity Co.

of Hartford, Conn. inspected internally and externally, the vessel specified in this report, on March

23, 1949, 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.

E. D. Rothornel Ohio, Pa. 695, N.B. 587, N.Y. 766, Md. 99
Inspector for State of Boiler Insurance Company.

*Reciprocal commission