

**FORM U-1 MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS**  
As Required by the Provisions of the A.S.M.E. Code Rules

Bethlehem Steel Company, Bethlehem, Pa.

1. Manufactured by.....  
(Name and address of the manufacturer)  
 Bethlehem Steel Company, Bethlehem, Pa.
2. Manufactured for.....  
(Name and address of the purchaser)  
 American Public Service, Cambridge, Mass.
3. Type.....  
 Horizontal or Vertical.....  
 Unfired Pressure Vessel No. (.....) (.....) Year built.....  
(Horizontal or Vertical) (Mfr. serial, or A.S.M.E. No.) (Date and State No.)  
 Horizontal B.S. Co. 374 Nat'l Bd. 179 1947
4. Have mill test reports been checked on all the plates entering this unfired pressure vessel.....  
 Do the chemical and physical properties of all plates meet the requirements of the Code.....  
 Yes Yes
5. SHELL OR DRUMS: No.....  
 Diameter..... ft..... in. Length over all..... ft..... in. Height..... ft..... in.  
(or width)  
 60 212 70 000 67 0 8
6. STAMPS ON shell plates..... Rivets, stays, and braces.....  
(Brand and Lowest Tensile Strength)  
 Double Butt Double Butt  
 Fusion Welded, U69 Fusion Welded, U-69
7. SHELL PLATES..... in. Butt straps..... in. Style of seams: Longitudinal..... Girth.....  
(Outer Thickness) (Thickness) (Riveted, Forge Welded, Braised, or Fusion Welded—See No.)  
 10 10 67 0 8
8. Diameter of rivet holes..... in. Pitch of rivets..... X..... X..... Efficiency of joint..... %  
(Single or double rivets)  
 10-9/16
9. GIRTH JOINTS..... Diameter rivet holes..... in. Pitch of rivets..... in. No. of courses.....  
(Single or double rivets)  
 10-9/16
10. INNER SHELL..... in. Style of seams: Longitudinal..... Girth..... Length of section or course..... ft..... in.  
(Thickness) (Riveted, Forge Welded, Braised, or Fusion Welded—See No.)  
 76 1/2 Elliptical Concave
11. HEADS: Flat or dished..... in. Radius of dish..... in. Side to pressure.....  
(Thickness) (Radius to vertical or horizontal or as appropriate to structure a girthed head) (Concave or convex)  
 76 1/2 Elliptical Concave
- If removable, bolts used..... or method of fastening.....  
(Number and size) (Describe or sketch)

STAYS	Material	Size	Material	Welded or Riveted	Area to be Stayed	Maximum Allowable Working Pressure
(a) F. H.						
(b) R. H.						
(c) Through						
(d) Diagonal and Gusset Stays						

13. STAYBOLTS..... If hollow.....  
(Iron or Steel) (Size of hole)
14. Maximum pitch..... X..... Diameter.....  
(Horizontal) (Vertical) (Over the threads)
15. SAFETY VALVE outlets: No..... Size.....
16. FUSIBLE PLUG (if used): No..... Diameter and material of filling..... Location.....
17. OUTLETS: No..... Size..... Material of nozzle or reinforcement..... How attached.....  
(Riveted, Welded, etc.)
18. DRAIN connection.....  
(Size) (Number, size, and location)  
 1 1 1/2" Dia. Top 96" Welded Pad
19. MANHOLES: (Number)..... (Size and location of each)..... Reinforcement.....  
(Riveted, Welded, etc.)
20. NONPRESSURE PARTS. (a) Supporting lugs..... (Number)..... Supporting skirts..... (b) Other nonpressure parts.....  
(Kind and number)  
 (c) Where and how attached.....  
 100 200 200
21. Bursting pressure..... psi Hydrostatic test..... lb 22. Constructed for pressure of..... psi Factor of safety.....  
 Vessel to be used for propane storage.

Remarks:.....  
 Hammer tested at 300 lb.  
(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..... April 29, 1947..... Bethlehem Steel Company  
 Certificate of authorization expires (Date)..... 31, 1949.....  
 R. J. Remington

# CERTIFICATE OF SHOP INSPECTION

Insurance Company's Serial Number T 165 77-62

VESSEL MADE BY WALTON STEEL CO.

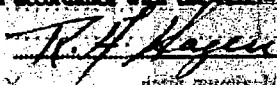
I, the undersigned, holding a certificate of competency as an inspector of steam boilers in THE STATE OF

Florida and employed by the WALTON STEEL CO.

of Hartford, Conn. inspected internally and externally, the vessel specified in this report, on APR 11 1919

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.

R. H. Hagen



N. B. 2420, S. E. 1220

Inspector for State or Boiler Insurance Company