

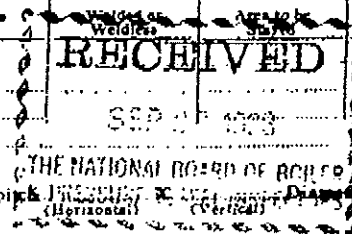
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D.I.W. 38-280. Drg. C-214 D-1708.

THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY  
MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS  
As Required by the Provisions of the A.S.M.E. Code Rules

- 1. Manufactured by Downingtown Iron Works, Downingtown, Pa.  
(Name and address of the manufacturer)
- 2. Manufactured for General Natural Gas Co., Woodridge, N. Y.  
(Name and address of the purchaser)
- 3. Type Horizontal Unfired Pressure Vessel No. 013 Nat. Bd. #175 Year built 1934  
(Horizontal or Vertical) (Mfr's 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 10-1/2 Length over all 68 ft. 10 in. Height      ft.      in.  
(or width)
- 6. STAMPS on shell plates 70,000 Rivets, stays and braces       
(Brand or lowest grade strength) (Iron or Steel)
- 7. SHELL PLATES 1/4 in. Butt straps      in. Style of seams: Double Butt Fusion Welded Girth Double Butt Fusion Welded  
(Outer) (Thickness) (Riveted, Forge Welded, Brazed, or Fusion Welded - Type of)
- 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 7  
(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 - Type of)
- 11. HEADS: flat or dished      in. Radius of dish 70 in. Side to pressure Convex  
(Concave or convex)
- If removable, bolt used      or method of fastening       
(Number and size) (Describe or sketch)

STAYS	No.	Size	Net Area	Welded or Riveted	Attachment	Maximum Allowable Working Pressure
12. (a) F. H.						
(b) R. H.						
(c) Through						
(d) Diagonal and Gusset Stays						



- 13. STAY BOLTS      If hollow      (Size of hole) 14. Maximum pitch      in. Over the threads
- 15. SAFETY VALVE outlets: No. 2 Size 3-1/2"
- 16. FUEL PLUG (if used): No.      Diameter and material of filling      Location
- 17. OUTLETS: No. 3 Size 1-1/2" Material of nozzle or reinforcement      How attached       
(Welded, bolted, etc.)
- 18. DRAIN CONNECTION      in. HAND HOLES OR SIGHT HOLES       
(Size) (Number, size and location)
- 19. MANHOLES: 1 18" Dia. in shell Reinforcement Welded  
(Number) (Size and location of each) (Riveted, Welded, etc.)
- 20. Method of supporting vessel Concrete cradles
- 21. Bursting pressure 1050 lb. per sq. in. Hydrostatic test 300 and 400 lb.
- 22. Constructed for pressure of 300 lb. per sq. in. Maximum stress in shell plate 12000 lb. per sq. in.

Remarks: Propane Gas ASME D-98, Max. operating temperature 150 Deg. F.  
Temperature limited due to Garies #15 manhole bolt flange.

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. Unfired Pressure Vessel Code.  
Date SEP 2 1938 Signed Downingtown Iron Works by G. H. Amory  
(Manufacturer) (G. H. Amory)

### CERTIFICATE OF SHOP INSPECTION

Insurance Company's Serial Number H. S. H. 90751.

VESSEL MADE BY Don. Iron Works. Dowlingtown

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

Penna., 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

SEP 23 1938 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. Boiler Code Rules for the Construction of Unfired Pressure Vessels.

*W. H. Watson*  
Inspector for State or Boiler Insurance Company.

Commission No.  
Penna. No. 83159  
Nat. Bd. No.