

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 Dormington Iron Works, Dormington, Pa.
(Name and address of the manufacturer)

2. Manufactured for Fuelase Corp., Liberty, N.Y.
(Name and address of the purchaser)

3. Type Horizontal Unfired Pressure Vessel No. 1118 (Mfrs. serial or A.S.M.E. No.)
(Horizontal or Vertical) Feb. 21, 1971 Year built 1939
(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 6 ft. 10-1/2 Length over all 66 ft. 10 in. Height 12 ft. 12 in.

6. STAMPS on shell plates Flange 20,000 rivets, stays and braces
(Break the lower tensile strength) Double Butt (Iron or Steel)

7. SHELL PLATES 1/4 in. Butt straps 1/4 in. Style of seams: Longitudinal Double Butt Girth Double Butt
(Outer) (Thickness) (Thickness) (Riveted, Forge Welded, Brazed, or Fusion Welded) (Riveted, Forge Welded, Brazed, or Fusion Welded)

8. Diameter of rivet holes 1/8 in. Pitch of rivets X X Efficiency of joint 80 %

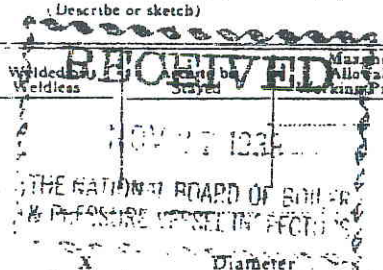
9. GIRTH JOINTS: Diameter rivet holes 1/8 in. Pitch of rivets X No. of courses 7
(Single or double riveted)

10. INNER SHELL: 1/4 in. Style of seams: Longitudinal Double Butt Girth Double Butt Length of section or course 10 ft. 12 in.
(Thickness) (Riveted, Forge Welded, Brazed, or Fusion Welded -- 1 1/2 in. or 1 1/4 in.)

11. HEADS; flat or dished 10/16 in. Radius of dish 70 in. Side to pressure Concave
(Thickness) (Concave or convex)

If removable, bolts used 1/2 in. or method of fastening Welded
(Number and size)

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



13. STAYBOLTS: If hollow 1/2 in. 14. Maximum pitch X (Horizontal) X (Vertical) Diameter 1/2 in. Over the threads

15. SAFETY VALVE outlets: No. 2 Size 4"

16. FUSIBLE PLUG (if used): No. 2 Diameter and material of filling 1-1/2" Location Top

17. OUTLETS: No. 3 Size 2" Material of nozzle or reinforcement Welded How attached (Riveted, welded, etc.)

18. DRAIN connection: 1/2 in. HAND HOLES OR SIGHT HOLES 1
(Size) (Number, size and location)

19. MANHOLES: 1-16" Dia. in shell, Welded Reinforcement Welded
(Number) (Size and location of each) (Riveted, welded, etc.)

20. Method of supporting vessel Concrete cradles

21. Bursting pressure 1010 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 15750 lb. per sq. in.

Remarks: Propane Gas, ASME U-80, max. operating temp. 180 deg. F.
(Vessel to be used for air, gas, ammonia, etc.)

Temperature limited due to 3/16 inch 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 Nov 10 1971 Signed Dormington Iron Works by G. R. Timony
(Manufacturer)

CERTIFICATE OF SHOP INSPECTION

Insurance Company's Serial Number... H.S.S. 878-100

VESSEL MADE BY Sta. Iron Wks. at Downington

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

.....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. Boiler Code Rules for the Construction of Unfired Pressure Vessels.

W. H. Tolson
Inspector for State or Boiler Insurance Company.

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

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