

**FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS**  
 (Alternative Form for Single Chamber, Completely Shop-Fabricated Vessels Only)  
 As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

1. Manufactured and certified by HAMMCO, INC., 6900 N. MINGO VALLEY EXPRESSWAY, OWASSO, OKLAHOMA  
(Name and address of manufacturer)

Manufactured for THE PRITCHARD CORPORATION, OVERLAND PARK, KANSAS  
(Name and address of purchaser)

3. Location of Installation ATLANTA GAS LIGHT CO., MACON, GEORGIA  
(Name and address)

4. Type HORIZ. 86-294-2A --- 86-294-10 262 1987  
(Name of vessel, tank) (ASME Section No.) (ICRNI) (Drawing No.) (Inst. Ed. No.) (Year built)

5. The chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSEL CODE. The design, construction, and workmanship conform to ASME Rules, Section VIII, Division 1. 1986  
Yes

to NONE NONE N/A  
Acme (Data) Code Case No. Special Survey per UG-120(d)

6. Shell: SA-516-70 1-3/8 1/16 4 1/8" X 7 5/8" 13' - 8 5/8"  
Mat. (Spec. No., Grade) (Nom. Thk. (in.)) (Corr. Allow. (in.)) (Diam. I.D. (ft. & in.)) (Length (overall) (ft. & in.))

7. Seams: CORNER --- 1140 1-1/2 --- ---  
Long Welded, Dbl., Sngl., Lap, Buttl. (ft. & in.) (No. of Courses) (H.T. (Spec. or Full)) (Tens. (ksi)) (M.T. (Tens. & Ft)) (Tens. (ksi)) (Grain Directed, Dbl., Sngl., Lap, Buttl.) (R.T. (Spec. Partial or Full)) (No. of Courses)

8. Heads: (a) Matl. SA-516-70 (b) Matl. SA-516-70  
(Spec. No., Grade) (Spec. No., Grade)

Location (Top Bottom Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knurled Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a) TOP/BOTT	5/8	1/16	---	---	---	---	---	4 1/8	FLAT
(b) ENDS	5/8	1/16	---	---	---	---	---	4 1/8	FLAT

If removable, bolts used (describe other fastenings) ---  
(Matl., Spec. No., Gr., Size, No.)

9. MAWP 510 psi at max. temp. 400 °F  
 Min. temp. (when less than -20°F) --- °F Hydro., 765 test pressure --- psi.

nozzles, inspection and safety valve openings: \*

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
INLET	2	8"-300#	RFWN	SA-105/SA-234-WPB	.500	WELD METAL	WELDED	---
OUTLET	2	8"-300#	RFWN	SA-105/SA-234-WPB	.500	WELD METAL	WELDED	---
VENT	ONE	1"	CPLG	SA-105	6000#	WELD METAL	WELDED	---
DRAIN	ONE	1"	CPLG	SA-105	6000#	WELD METAL	WELDED	---

11. Supports: Skirt NO Lugs --- Legs --- Other --- Attached ---  
(Yes or no) (No.) (No.) (Describe) (Where and how)

12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: ---

\*SAFETY VALVES BY OTHERS PER UG-125 (c) (3) (h). INSPECTION OPENINGS PER UG-46 (D)  
845 - THREADED OPENINGS, 1-1/8" - 12 OPPOSITE TUBE ENDS WITH SA-105 THREADED PLUGS.  
423 - 1" O.D. X .110 M.W. X 40'-0" LG. TUBES. MAT'L. SPEC: SA-214

**CERTIFICATE OF SHOP COMPLIANCE**

We certify that the statements made in this report are correct and that all details of design, material, construction and workmanship of this vessel conform to the ASME Code for Pressure Vessels, Section VIII, Division 1. "U" Certificate of Authorization No. 17343 expires SEP. 12. 1988  
 Date 6-3-87 Co. name HAMMCO, INC. Manufacturer's Signature [Signature] Inspector's Signature [Signature]

**CERTIFICATE OF SHOP INSPECTION**

This vessel constructed by HA MCO, INC. at OWASSO, OKLAHOMA  
 I, the undersigned, hold a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of OKLAHOMA and employed by COMMERCIAL UNION INSURANCE  
 I have inspected the component described in this Manufacturer's Data Report on 6-3-87, 1987, and state that to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME Code, Section VIII, Division 1. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.  
 Date 6-3-87 Signed [Signature] Commission No. NB 5745 DILA # 251  
(A Licensed Inspector) (Date with other requirements, Code Book and No.)