

**(Alternate 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 by MASONITE CORP. - TANK DIVISION, VICKSBURG, MS, 39180  
 2. Manufactured for \_\_\_\_\_  
 3. Location of Installation \_\_\_\_\_  
 4. Type Horiz. ST 2921 30M30 771 (Year Built) 1977  
(Horiz. or vert. tank) (Mfg.'s Serial No.) (CRN) (Drawing No.) (Nat'l Bld No.)  
 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 1977 and Addenda to Dec. 1977 and Code Case Nos. \_\_\_\_\_  
(Year) (Date)

Special Service per UG-120(d) \_\_\_\_\_  
 Manufacturers' Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: \_\_\_\_\_

6. Shell: Matl. SA-612-B Norm. .6733" Corr. Allow. \_\_\_\_\_ in. Diam. 108 in. Lgth. 57 ft 0 in.  
(Spec. No., Grade) (Thk.)  
 7. Seams: Long. Welded Dbl. Butt R.T. Full Efficiency 100 % H.T. Temp. \_\_\_\_\_ F Time \_\_\_\_\_ hr  
(Welded, Dbl. Singl. Lap, Butt) (Spot or Full)  
 Girth Welded Dbl. Butt R.T. Full No. of Courses 6  
(Welded, Dbl. Singl. Lap, Butt) (Spot, Partial, or Full)  
 8. Heads: (a) Material SA-455-T-1 (b) Material \_\_\_\_\_  
(Spec. No., Grade)

Location (Top, Bottom, Ends)	Min. Thk.	Corr. Allow.	Crown Radius	Knuckle Radius	Ellipse Ratio	Conical Apex Angle	Hemisp. Radius	Flat Diam.	Gide to Pressure (Convex or Concave)
(a) <u>Ends</u>	<u>.4375"</u>						<u>54"</u>		<u>Concave</u>
(b) _____									

If removable, bolts used (describe other fastenings) \_\_\_\_\_  
(Material, Spec. No., Gr., Size, No.)

9. Constructed for max. allowable working pressure 250 psi at max. temp. 125 F. Min. temp. (when less than -20 F) \_\_\_\_\_ F. Hydrostatic, pneumatic, or combination test pressure 375 psi.  
 10. Safety Valve Outlets: Number 3 Size 2" Location Top of Vessel

11. Nozzles and Inspection Openings: \_\_\_\_\_ and \_\_\_\_\_

Purpose (Inlet, Outlet, Drain)	No.	diam. or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
	<u>2</u>	<u>3.00"</u>	<u>Cplg.</u>	<u>SA-105-2</u>	<u>.53"</u>	<u>Inherent</u>	<u>Welded</u>	
	<u>1</u>	<u>2.50"</u>	<u>"</u>	<u>"</u>	<u>.53"</u>	<u>"</u>	<u>"</u>	
	<u>1</u>	<u>1.00"</u>	<u>"</u>	<u>"</u>	<u>.30"</u>	<u>"</u>	<u>"</u>	
	<u>7</u>	<u>2.00"</u>	<u>"</u>	<u>"</u>	<u>.40"</u>	<u>"</u>	<u>"</u>	
	<u>1</u>	<u>.75"</u>	<u>"</u>	<u>"</u>	<u>.25"</u>	<u>"</u>	<u>"</u>	
	<u>1</u>	<u>.50"</u>	<u>THERMOWELL</u>	<u>"</u>	<u>.375"</u>	<u>"</u>	<u>"</u>	

12. Supports: Skirt No Lugs 1 Legs \_\_\_\_\_ Other 1 Bracket Attached Welded to Head  
(Yes or no) (No.) (No.) (Describe) (Where and how)  
 13. Remarks: 30,000 W. G. Capacity LP Gas Storage Tank  
108" I. D. X 66'0" O.A.L.  
ASME CODE: PARA: UW-12 (a) & UW-51

**SHELL SEAMS 100% X-RAYED=100% JOINT EFFICIENCY  
 HEADS GORE SEAMS ONLY SPOT X-RAYED=85% JOINT EFFICIENCY**

**CERTIFICATE OF 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.  
 Date 2/28/78 Signed MASONITE CORP. - TANK DIVISION by [Signature]  
(Manufacturer) (Representative)  
 "U" Certificate of Authorization No. 997 expires DECEMBER 31 19 81

**CERTIFICATE OF SHOP INSPECTION**

Vessel made by MASONITE CORP. TANK DIVISION at VICKSBURG, MS  
 I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of ARKANSAS and employed by FACTORY MUTUAL have inspected the pressure vessel described in this Manufacturers' Data Report on Feb. 28 19 78 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 the Manufacturers' Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.  
 Signed [Signature] Date 2/28/78 Commission NB 4465 Pa, NC 2218  
(Inspector) (Nat'l Board, State, Province and No.)