

FORM U-1A MANUFACTURERS' DATA REPORT FOR PRESSURE VESSELS
 Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only
 As Required by the Provisions of the ASME Code Rules, Section VIII, Division I

1. Manufactured by Atlas Tank Manufacturing Co., Inc., Vicksburg, Miss.
(Name and address of Manufacturer)

2. Manufactured for James L. Modine Mfg. Co., Clinton, Tenn.
(Name and address of Purchaser)

3. Type Horiz Vessel No. (ST-1124) ((Mfrs. Serial)) ((State & State No.)) Natl. Bd. No. 1818 Yr. Built 1971
(Horiz. or Vert.)

4. SHELL: Matl. SA-515-70 T.S. 70M Nom. Thk. .75 In. Corr. Allow In. Diam. 8 Ft. 8 In. Length 62 Ft. 5 In.
(Kind and Spec. No.) (Fig. or F.H. & Spec. Min. T.S.)

5. SEAMS: Long Welded H.T. No R.T. Comp Sectioned No Efficiency 100 %
(Welded, Q&L, Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)
 Girth Welded H.T. No R.T. Comp Sectioned No No. of Courses 8

6. HEADS: (a) Material SA-455-B T.S. 73M (b) Material SA-455-B T.S. 73M
(Top, bottom, ends) Thickness Crown Radius Knuckle Radius Elliptical Ratio Conical Apex Angle Hemispherical Radius Flat Diameter Side to Pressure (Convex or Concave)
 (a) End .420" 52" Concave
 (b) End .420" 52" Concave

If removable, bolts used (Material, Spec. No., T.S., Size, Number) Other fastening (Describe or Attach Sketch)

If riveted or brazed describe seams fully under remarks.

7. Constructed for max. allowable working press. 250 psi at max. temp. 650 °F. Min. temp. (when less than -20°) °F. Hydrostatic Test Combination Press. 375 psi.

8. SAFETY OR RELIEF VALVE OUTLETS: Number 3 Size 2" Location Top of Vessel

9. NOZZLES:

Purpose (Inlet, Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
	1	3.00"	Cplg.	SA-105-2	.53"		UW16-1D & B1
	1	2.50"	"	"	.53"		"
	9	2.00"	"	"	.40"		"
	1	.75"	"	"	.25"		"
	1	1.00"	"	"	.30"		"
	1	1.50"	Thermowell Cplg.	"	.375"		"
	1	1.25"	"	"	.40"		"

10. INSPECTION Manholes, No. Size Location
 OPENINGS: Handholes, No. Size Location
 Threaded, No. Size Location

11. SUPPORTS: Skirt No Lugs 4 Legs Other 1 Bracket Attached Welded to Heads
(Yes or No) (Number) (Number) (Describe) (Where & How)

12. REMARKS: 30,000 W.G. Capacity Storage Tank
104" Diam. x 71'-2" overall length End closed thru dollar plate
Shell seams, head to shell seams and dollar plate 100% X-Rayed.
Head gore seams spot X-Rayed.
ASME Code PARA UW12A-1968

Constructed under the provisions of Para UG-90(c)(2)
(Brief description of purpose of the vessel as Air Tank, Water Tank, L.P.G., Etc. - State Contents. If postweld heat-treated. List other internal or external pressures with coincident temperatures when applicable.)

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 I.
 Date May 11 19 71 Signed Atlas Tank Mfg. Co., Inc. By M.A. Bradley
(Manufacturer)

Certificate of Authorization Expires 12-31-74

CERTIFICATE OF SHOP INSPECTION

VESSEL MADE BY Atlas Tank Mfg. Co., Inc., Vicksburg, Mississippi

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province Arkansas and employed by MVC State of Mississippi of have inspected the pressure vessel described in this manufacturer's data report on May 11 19 71 and state that to the best of my knowledge and belief, the manufacturer has constructed this pressure vessel in accordance with the applicable sections of the ASME Boiler and Pressure Vessel Code.

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 a loss of any kind arising from or connected with this inspection.

Date May 28 19 71 Special Inspector; State of Ohio
M.A. Bradley Commissions NB 4098 Ark. 277 Penn. WC-785
(Inspector's Signature) Nat'l. Board, State, or Province and No.