P.O. #6543

FORM U-1A MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS

Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only

1. Manufactured by **Paterson Boiler & Tank, Inc., 150 Railroad Ave., Paterson, N. J.** (Name and address of Manufacturer)

2. Manufactured for **Eastern Tank Fabricators, Inc., For Puritan Aersol Corp., Berkeley, Rhode Island** (Name and address of Purchaser)

3. Type **Horiz.** (Horiz. or Vert.) Vessel No. **C5-91-A3** (Mfrs. Serial) (**R.I.**) (State & State No.) Natl. Bd. No. **1992** Yr. Built **1965**

4. SHELL: Matl. **SA-212-GrB** (Kind and Spec. No.) T.S. **Flg 70,000** (Flg. or F.B. & Spec. Min. T.S.) Nom. Thk. **3/4"** In. Corr. Allow **-** In. Diam. **7** Ft. **0** In. Length **18** Ft. **2** In.

5. SEAMS: Long **Wld Dbl Btt** (Welded, Dbl., Single, Lap, Butt) H.T. **No** (Yes or No)[1] X.R. **Spot** (Spot or Complete) Sectioned **No** (Yes or No) Efficiency **85** %

Girth **Wld Dbl Btt** H.T. **No** X.R. **Spot** Sectioned **No** No. of Courses **2**

> If riveted or brazed describe seams fully under remarks.

6. HEADS: (a) Material **SA-212-GrB Flg** T.S. **70,000** (b) Material ______ T.S. ______

	Location (Top, bottom, ends)	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a)	Ends	5/8 Min	-	-	2:1	-	-	-	Concave
(b)									

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

7. Constructed for max. allowable working press.[2] **250** psi at max. temp. **200** °F. Min. temp. (when less than −20°) **-** °F. Hydrostatic ~~Pneumatic or Combination~~ Test Press. **375** psi.

8. SAFETY OR RELIEF VALVE OUTLETS: Number ______ Size ______ Location ______

9. NOZZLES:

Purpose (Inlet, Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
	(1)(1)(3)	3" 2½" 2"	Coupl	SA-105II	3000#	-	Weld
	(1)(4)	1¼" 3/4"	Coupl	SA-105II	3000#	-	Weld

10. INSPECTION OPENINGS: Manholes, No. **1** Size **18"** Location **Shell**

Handholes, No. ______ Size ______ Location ______

Threaded, No. ______ Size ______ Location ______

11. SUPPORTS: Skirt **No** (Yes or No) Lugs **-** (Number) Legs **-** (Number) Other **(2) Saddles** (Describe) Attached **Shipped Loose** (Where & How)

12. REMARKS: **6000 Gal Pressure Tank**

Additional Openings:

(1) 1" Thr'd Pipe SA-53-B XH - Weld

Brief description of purpose of the vessel as Air Tank, Water Tank, [illegible] State [illegible]
[1] If postweld heat-treated.
[2] List other internal or external pressures with [illegible] temperature 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 Unfired Pressure Vessels.

Date **July 16** 19 **65** Signed **Paterson Boiler & Tank, Inc.** (Manufacturer) By [signature]

Certificate of Authorization Expires **Dec. 31, 1967**

CERTIFICATE OF SHOP INSPECTION

Vessel made by **Paterson Boiler & Tank, Inc - Paterson, N. J.**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State of **N. J.** and employed by **State** of **N. J.** have inspected the pressure vessel described in this Manufacturers' Data Report on **July 16** 19 **65** 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 [illegible] 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 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.

Date **July 16** 19 **65**

[signature] (Inspector's Signature) Commissions ~~[illegible]~~ **NB 4777** (Nat'l Board or State and No.)

[illegible] [illegible]