

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 1

1. Manufactured by General American Trans. Corp., Petroleum, Trumbull Cy., Ohio
(Name and address of Manufacturer)

2. Manufactured for Infra-Ray Division, Solaronics Inc., 1295 Old River Rd., Cleveland, Ohio 44113
(Name and address of Purchaser)

3. Type Horizontal Vessel No. (PV 2748-15) (---) Natl. Bd. No. 1149 Yr. Built 1974
(Horiz. or Vert.) (Mfrs. Serial) (State & State No.)

4. SHELL: Matl. SA515 Gr. 70 T.S. 70,000 Nom. 778 In. Diam. 9 Fr. 0 In. Length 64 Fr. 8 in.
(Kind and Spec. No.) (Fig. or F.B. & Spec. Min. T.S.) Thk. 875 In. Allow None In. (Corr.)

5. SEAMS: Long Wld. Dbl. Butt H.T. No R.T. Comp. Sectioned No Efficiency 100 %
(Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)
 Girth Wld. Dbl. Butt H.T. No R.T. Comp. Sectioned No No. of Courses 7

If covered or blocked describe seams fully under remarks

6. HEADS: (a) Material SA 515 Gr. 70 T.S. 70,000 (b) Material SA 515 Gr. 70 T.S. 70,000
(Top, bottom, ends) Thickness Crown Radius Knuckle Radius Elliptical Ratio Conical Apex Angle Hemispherical Radius Flat Diameter (Side to Package) (Convex or Concave)
 (a) End .783 --- --- 2:1 --- --- --- Concave
 (b) End .783 --- --- 2:1 --- --- --- Concave

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

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

8. SAFETY OR RELIEF VALVE OUTFLETS: Number 3 Size 2" Location On top-near one end

9. NOZZLES:

Purpose (Inlet, Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
Liquid Fill	1	3"	6000# Cplg	SA105Gr. 2	--	None	Welded
Vapor Return	1	2"	3000# Cplg	SA105Gr. 2	--	None	Welded

10. INSPECTION OPENINGS: Manholes, No. None Size --- Location ---
 Handholes, No. None Size --- Location ---
 Threaded, No. None Size --- Location ---

11. SUPPORTS: Skirt No Lugs --- Legs --- Other Saddles Attached Not attached to vessel
(Yes or No) (Number) (Number) (Describe) (Where & How)

12. REMARKS: ITEM 9 contd. All nozzles are SA105 Gr. 2 matl. and not reinforced.
Liquid withdrawl-1-3"-6000# Cplg-Welded Liquid Drain-1-2"-3000# Cplg-welded
Liquid By Pass-1-2"-3000# Cplg-Welded Vapor return-1-2"-3000# Cplg-Welded
Vapor Auxiliary-1-2"-3000# Cplg-Welded Level Gage-1-2 1/2"-3000# Cplg-Welded
Thermometer well-1-1/2"-3000# Cplg-Welded Rotary Gage-1-1"-3000# Cplg-Welded
Outage Valve-1-3/4"-6000# Cplg-Welded.

Propane Storage Tank
(Check description of purpose of the vessel: Air Tank, Water Tank, L.P. Gas, Etc. State Contents)
 * If postweld heat-treated.
 † List other internal or external pressures with coincident 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 the vessel conform to the ASME Code for Pressure Vessels, Section VIII, Division 1.
 Date 2-21 19 75 Signed General American Trans. Corp. By R.W. Marshall
(Manufacturer) (Supv. of Quality Control)

Certificate of Authorization Expires December 31, 1974

CERTIFICATE OF SHOP INSPECTION

VESSEL MADE BY General American Trans. Corp. of Petroleum, Trumbull Cy, Ohio

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province Ohio and employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, Connecticut have inspected the pressure vessel described in this manufacturer's data report on 2-21-75 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 2-21-75 19 75 Inspector's Signature [Signature] Commission NB #3341 Ohio
Natl Board, State, or Province and No.