

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

Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only

# 100521

1. Manufactured by KENNEDY TANK & MFG. CO. INC. 833 E. SUMNER AVE. INDIANAPOLIS, IND.  
(Name and address of Manufacturer)

2. Manufactured for Eli Lilly & Company, P.O. Box 618, Indpls, IN 46206  
(Name and address of Purchaser)

3. Type Vert. Vessel No. (3053) (Mfrs. Serial) ( ) (State & State No.) Natl. Bd. No. 3053 Yr. Built 1974  
(Horiz. or Vert.)

4. SHELL: Matl. SA 285-C T.S. 55,000 Nom. Thk. 1/4 In. Corr. Allow. 0 In. Diam. 5 Ft. 0 In. Length 3 Ft. 2 In.  
(Kind and Spec. No.) (Fig. or F.B. & Spec. Min. T.S.)

5. SEAMS: Long Dbl Butt H.T. Local R.T. Sectioned Efficiency 70 %  
(Welded, Dbl., Single, Lap, Butt) (Yes or No)<sup>1</sup> (Spot or Complete) (Yes or No)  
Girth Dbl Butt H.T. Local R.T. Sectioned No. of Courses 1

If riveted or brazed describe seams fully under remarks.

6. HEADS: (a) Material SA 285-C T.S. 55,000 (b) Material SA 285-C T.S. 55,000  
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) Top 1/4 60" 3 5/8 Concave  
(b) Bottom 1/4 60" 3 5/8 Concave

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

7. Constructed for max. full vacuum allowable working press. 25 psi at max. temp. 200 °F. Min. temp. (when less than -20°) °F. Hydrostatic Pneumatic or Combination Test Press 37 1/2 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  
2 2" Pipe SA 53-B Sch 40 None Arc Weld  
1 3" " " " " "

10. INSPECTION Manholes, No. 1 Size 16" Location Top Head  
OPENINGS: Handholes, No. Size Location  
Threaded, No. Size Location

11. SUPPORTS: Skirt No Lugs 4 Legs 0 Other Arc Weld  
(Yes or No) (Number) (Number) (Describe) (Where & How)

12. REMARKS: Built per ASME Sect. VIII, Div. I, 1971 Edition  
CUSTOMERS P.O. T-32968  
1 4" " " " "  
1 6" " " " "  
1 10" " " " "

(Brief description of purpose of the vessel as Air Tank, Water Tank, L.P.G., Etc.—State Contents.  
<sup>1</sup> If postweld heat-treated.  
<sup>2</sup> 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 this vessel conform to the ASME Code for Unfired Pressure Vessels.

Date October 7 19 74 Signed KENNEDY TANK & MFG. CO. INC. By W.E. Morgan  
(Manufacturer) (Engr. Mgr)

Certificate of Authorization Expires March 31, 1977

## CERTIFICATE OF SHOP INSPECTION

VESSEL MADE BY KENNEDY TANK & MFG. CO. INC. at INDIANAPOLIS

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province INDIANA and employed by TRAVELER'S INDEMNITY CO. of HARTFORD, CONNECTICUT have inspected the pressure vessel described in this manufacturer's data report on September 11 19 74, 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 September 11 19 74 EW Culey 7286  
Inspector's Signature Commission  
Natl Board or State and No.