

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

Manufactured by ROCKAWAY TANK, INCORPORATED DOVER, N. J.
 Manufactured for HOFFMANN-LA ROCHE, INCORPORATED NITILEY, N. J.
 Location of Installation HOFFMANN-LA ROCHE, INCORPORATED BEUVIERE, N. J.
 Type Vertical R-4874-511 RT-4-655A 511 (Year Built) 1980
(Horiz. or vert. tank) (Mfg'r's Serial No.) (CRN) (Drawing No.) (Nat'l Bld. No.)

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 (Year) and Addenda to 5-79 (Date) and Code Case Nos. N/A Special Service per UG-120(d) N/A
 Manufacturers' Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: N/A

Shell: Matl. SA-240, T-304 Nom. Thk. 3/16 in. Corr. Allow. 0 in. Diam. 1 ft. 6 in. Length 25 ft. 4 in.
(Spec. No., Grade)

Seams: Long D.B. R.T. Spot Eff. 85 % H.T. Temp. _____ F Time _____ hr. Girth D.B. R.T. Spot No. of Courses 6
(Welded, Dbl., Sngl., Lap, Butt) (Spot or Full) (Welded, Dbl., Sngl., Lap, Butt) (Spot, Partial, or Full)

Heads: (a) Material SA-240, T-304 (b) Material SA-240, T-304
(Spec. No., Grade) (Spec. No., Grade)

Location (Bottom, Ends)	Min. Thk.	Corr. Allow.	Crown Radius	Knuckle Radius	Ellipse Ratio	Conical Apex Angle	Hemisp. Radius	Flat Diam.	Side to Pressure (Convex or Concave)
top	1/8"	0	18"	1-1/4"					Concave
bottom	3/16"	0				29° to 0°	Eccentric		Concave

removable, bolts used (describe other fastenings) a & b, SA-193 Gr. B-7, (16) 5/8" Dia. Bolts
(Material, Spec. No., Gr., Size, No.)

Design for max. AWP 30 psi at max. temp. 250 F. Min. temp. _____ F. Hydrostatic test pressure 90 psi.
 Safety Valve Outlets: Number 1 Size 3" Location Conical Head

Nozzles and Inspection Openings:

Purpose (Outlet, Drain)	No.	Diam. or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
Surge	4	1-1/2"	Flgd./Nozz.	SA-182F-304	150#	Weld	Welded	Shell
Let	1	4"	Flgd./Nozz.	SA-312TP-304	.145"	"	"	Shell
Let	1	4"	Flgd./Nozz.	SA-105	150#	"	"	Shell
Manhole	3	12"	Flgd./Nozz.	SA-312TP-304	.237"	"	"	Top Hd.
					15/16"	"	"	Shell
					3/16"			

Accessories: Skirt _____ Lugs 2 (No.) _____ Other _____ Attached Welded to Shell
(Yes or no) (Describe) (Where and how)

Remarks: 4 Section Packed Column. Top Section is 3'-0" Lg. Flanged one End, 2 Sections are 11'-0" Lg. Flanged Both ends, Bottom Section is 1'-6" Lg. Flanged Both Ends With Eccentric Conical Head on Small End Flanged With 12"-150# ANSI SA-105 Flange. Body Flanges are 1 1/2" Tk. x 23" O.D. SA-515 Gr. 70 With 20" C.D. S/S Van-Stone & Bolting per Item 3 Above.

CERTIFICATE OF COMPLIANCE

I certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship conform to the ASME Code for Pressure Vessels, Section VIII, Division 1.
2-14-80 Signed ROCKAWAY TANK, INC. by Thos. A. Waller, Pres.
(Manufacturer) (Representative)

Effective Date of Authorization No. 7712 expires February 28, 19 82

CERTIFICATE OF SHOP INSPECTION

Inspected by ROCKAWAY TANK, INCORPORATED at DOVER, N. J.
 undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of N. J. and employed by STATE OF NEW JERSEY
 inspected the pressure vessel described in this Manufacturers' Data Report on Feb. 14, 19 80, 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 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 property damage or loss of any kind arising from or connected with this inspection.
 Date 2-14-80 Commissions N.B. 6575
(Inspector) (Nat'l Board, State, Province and No.)

This form may be obtained from the National Board of Boiler and Pressure Vessel Inspectors, 3301 Market Street, Philadelphia, PA 19104

EQUIPMENT CMN - 478