U-208

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 The Stacey Manufacturing Company, Cincinnati. Ohio 45216
2. Manufactured for —
3. Location of Installation —
4. Type Vertical (Horiz. or vert. tank) 4265 (Mfgr's Serial No.) — (CRN) 0-168-443 (Drawing No.) 1307 (Nat'l Brd No.) (Year Built) 1977
5. 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 1974 (Year) and Addenda to 12-31-76 (Date) and Code Case Nos. —
Special Service per UG-120(d) —
Manufacturers' Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: —
6. Shell: Matl. "See Remarks" (Spec. No., Grade) Nom. Thk. 7/16 Corr. Allow. 5/64 in. Diam. 2'-0 in. Lgth. 9 ft 7 in.
7. Seams: Long. Weld Dbl. Butt (Welded, Dbl, Sngl, Lap, Butt) R.T. Spot (Spot or Full) Efficiency 85 % H.T. Temp. — F Time — hr
Girth Welded Dbl. Butt (Welded, Dbl, Sngl, Lap, Butt) R.T. Spot (Spot, Partial, or Full) No. of Courses 1
8. Heads: (a) Material "See Remarks" (Spec. No., Grade) (b) Material "See Remarks" (Spec. No., Grade)

	Location (Top, Bottom, Ends)	Min. Thk.	Corr. Allow.	Crown Radius	Knuckle Radius	Ellipse Ratio	Conical Apex Angle	Hemisph. Radius	Flat Diam.	Side to Pressure (Convex or Concave)
(a)	Top	3"	5/64	*See	24"	Manway	Line 11		36"	Flat
(b)	Bottom	7/16"	"			2:1				Convex & Concave

If removable, bolts used (describe other fastenings) 1 1/2"-8 Unc Studs (SA-193-B7) & Hvy.Hex Nuts (Material, Spec. No., Gr., Size, No.) (SA-194-2H)
9. Constructed for max. allowable working pressure F.V. &332 psi at max. temp. 3200 F. Min. temp. (when less than −20 F) — F. Hydrostatic, pneumatic, or combination test pressure 498 psi.
10. Safety Valve Outlets: Number — Size — Location —
11. Nozzles and Inspection Openings:

	Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
*	Manway	1	24"	300#Plt.	SA-285-C	7/16"	--------	Welded	Top
**	Inlet	1	6"	300#S.O.	SA-181-1	Sch.80	SA-285-C	"	Side
**	Outlet	1	6"	"	"	"	"	"	"
	Cond. Out	1	2"	300#LWN	SA-182-F6	21/32"	-------	"	Bottom
	Level Cont.	2	1 1/2"	"	"	5/8	-------	"	Side
	Guage Gl.	2	1"	"	"	9/16"	-------	"	"

12. Supports: Skirt No (Yes or no) Lugs — (No.) Legs 3 (No.) Other — (Describe) Attached Bott. of Shell-welded (Where and how)
13. Remarks:
Note: Shell & Bottom head material; SA-285-C W/ 5/64" Min. TP410S S.S. Clad. (Thickness includes cladding)
** Pipe nozzle material; SA-106-B, and SA-268 TP410S S.S. (0.08% C. Stl. Max.)

CERTIFICATE OF COMPLIANCE

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 1.
Date Nov. 17, 1977 Signed The Stacey Manufacturing Co. (Manufacturer) by [signature] (Representative)
"U" Certificate of Authorization No. 1830 expires March 30, 1979

CERTIFICATE OF SHOP INSPECTION

Vessel made by The Stacey Manufacturing Co. at Cincinnati,
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of Ohio and employed by Royal Globe Ins. have inspected the pressure vessel described in this Manufacturers' Data Report on DEC 15 19 77, 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 signing 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 injury or property damage or a loss of any kind arising from or connected with this inspection.
Signed [signature] (Inspector) Date 12/15/77 Commissions NB 4466 Ohio 1720 (Nat'l Board, State, Province and No.)

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DIV.1 | 332 | PSI AT | 320 | F

W | MAX INT DESIGN PRESSURE

FV | PSI AT | 320 | F

MAX EXT DESIGN PRESSURE

RT2 | XPP16-H5-1776

* 2-098-08

1307 | 4265 | 1977

NAT'L BD NO. STACEY NO. YEAR

CUST NO * ITEM D-208

THE STACEY MFG CO. CINTI. OHIO