

#51544

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 NOOTER CORPORATION (Name and address of Manufacturer) ST. LOUIS, MISSOURI

2. Manufactured for AMOCO CHEMICALS CORP. (Name and address of Purchaser) DECATUR, ALABAMA

3. Type VERT Vessel No. (K6862-B) (Mfr. Serial) (State & State No.) Natl. Bd. No. 9225 Yr. Built 1973

4. SHELL: Matl. 316 T.S. 70,000 (Fig. or P.S. & Spec. Min. & Max.) Allow CLAD Diam. 0 Ft. 60 In. Length 20 Ft. 0 In.

5. SEAMS: Long DBL. BUTT H.T. YES R.T. FULL Sectioned NO Efficiency 100%
(Welded, Dbl., Flange, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)

Girth DBL. BUTT H.T. YES R.T. FULL Sectioned NO No. of Courses 2

6. HEADS: (a) Material 316 T.S. 70,000 (b) Material 316 T.S. 70,000
Location (Top, bottom, ends) Thickness 1.73" MIN. Crown Radius 57-1/4" Elliptical Ratio CONCAVE
(a) TOP & BOTT (b) CONCAVE

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

7. Constructed for max. allowable working press. 1050 psi at max. temp. 600° F. Min. temp. (when less than -20°) ° F. Hydrostatic Test Press. 1575 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
* INLETS/OUTLETS	<u>3</u>	<u>6"</u>	<u>PAD</u>	<u>SA105-II</u>	<u>600#</u>	<u>-</u>	<u>WELDED</u>
	<u>(2-6")</u>	<u>(1-16")</u>	<u>(1-8")</u>	<u>SPECIAL</u>	<u>SA105-II</u>	<u>600#</u>	<u>WELDED</u>

10. INSPECTION Manholes, No. Size 20" Location BOTT. HD.

OPENINGS: Handholes, No. Size Location

Threaded, No. Size Location

11. SUPPORTS: Skirt NO Lugs 4 Legs Other Attached SHELL/WELDED
(Yes or No) (Number) (Number) (Describe) (Where & How)

12. REMARKS: CRYSTALLIZER P.O. NO. DM-72-6494

* 3/16" SA-264-304L CLAD ON SA-516-70

Inlets/Outlets	Material	Thickness	How Attached	
<u>(1-6")</u>	<u>FAB</u>	<u>316SS</u>	<u>SCH. 160</u>	<u>WELDED</u>
<u>(1-1-1/2")</u>	<u>PAD</u>	<u>316SS</u>	<u>1"</u>	<u>WELDED</u>
<u>(1-1")</u>	<u>LWN</u>	<u>316SS</u>	<u>600#</u>	<u>WELDED</u>

(Brief description of purpose of the vessel as Air Tank, Water Tank, L.P.G., Etc.—State Contents.)
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 Pressure Vessels, Section VIII, Division 1.

Date AUG 7 1973 Signed NOOTER CORPORATION By [Signature]

Certificate of Authorization Expires DECEMBER 31, 1973

CERTIFICATE OF SHOP INSPECTION

VESSEL MADE BY NOOTER CORPORATION at ST. LOUIS, MISSOURI

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province and employed by COMMERCIAL UNION INS. CO. of

have inspected the pressure vessel described in this manufacturer's data report on AUG 7 1973 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 AUG 7 1973 Inspector's Signature [Signature] Commission N.B. 3259 Nat'l. Board, State, or Province and No.