

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

Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only

1. Manufactured by <u>ROCKAWAY TANK, INC. U.S. 46 DOVER, NEW JERSEY</u>		(Name and address of Manufacturer)	
2. Manufactured for <u>YORK SEPARATORS, INC. 8 CENTRAL AVE. WEST ORANGE, NEW JERSEY</u>		(Name and address of Purchaser)	
3. Type <u>VERTICAL</u>	Vessel No. (<u>R7-1</u>)	(Mfrs. Serial)	(State & State No.)
		Natl. Bd. No. <u>1</u>	Yr. Built <u>1965</u>
4. SHELL: Matl. <u>SA240</u>	T.S. <u>70,000</u>	Nom. Thk. <u>3/8"</u>	Corr. Allow. <u>1/16"</u>
(Kind and Spec. No.)	(Fig. or F.B. & Spec. Min. T.S.)	In. Diam. <u>5</u>	Ft. <u>3/4</u>
		In. Length <u>9</u>	Ft. <u>2 1/2</u>
5. SEAMS: Long <u>Welded DB</u>	H.T. <u>No</u>	X.R. <u>Spot</u>	Sectioned <u>No</u>
(Welded, Dbl., Single, Lap, Butt)	(Yes or No)	(Spot or Complete)	(Yes or No)
Girth <u>Welded DB</u>	H.T. <u>No</u>	X.R. <u>Spot</u>	Sectioned <u>No</u>
		No. of Courses <u>1</u>	
6. HEADS: (a) Material <u>SA 240 304 EIC</u>		T.S. <u>70,000</u>	(b) Material <u>SA 240 304 EIC</u>
		T.S. <u>70,000</u>	
(a) Location <u>Top</u>	Thickness <u>7/16"</u>	Crown Radius	Knuckle Radius
(Top, bottom, ends)			
(b) <u>Bottom</u>	<u>7/16"</u>		
		Elliptical Ratio <u>2:1</u>	Conical Apex Angle
			Hemispherical Radius
			Flat Diameter
			Side to Pressure <u>Concave</u>
If removable, bolts used <u>A-193 B-7 125000</u>		(Material, Spec. No., T.S., Size, Number)	
		(Describe or Attach Sketch)	
7. Constructed for max. allowable working press. <u>150</u> psi.	at max. temp. <u>86</u> °F.	Min. temp. (when less than -20°) <u>°F.</u>	Hydrostatic Pneumatic or Test Press. <u>225</u> psi.
8. SAFETY OR RELIEF VALVE OUTLETS: Number <u>1</u>		Size <u>1"</u>	Location <u>Shell</u>
9. NOZZLES:			
Purpose (Inlet, Outlet, Drain)	Number	Diam. or Size	Type
<u>Inlet</u>	<u>1</u>	<u>14"</u>	<u>Flgd.</u>
<u>Outlet</u>	<u>1</u>	<u>14"</u>	<u>Flgd.</u>
			Material
			Thickness
			Reinforcement Material
			How Attached
			<u>3/8" x 4" Welded</u>
			<u>3/8" x 4" Welded</u>
10. INSPECTION Manholes, No. <u> </u>	Size <u> </u>	Location <u> </u>	
OPENINGS: Handholes, No. <u> </u>	Size <u> </u>	Location <u> </u>	
Threaded, No. <u> </u>	Size <u> </u>	Location <u> </u>	
11. SUPPORTS: Skirt <u> </u>	Lugs <u> </u>	Legs <u> </u>	Other <u> </u>
(Yes or No)	(Number)	(Number)	(Describe)
12. REMARKS:		Attached <u> </u>	
		(Where & How)	
<u>Vessel flanged in straight shell, flanges 60" 150#</u>			
<u>A-105 Gr 1 Steel.</u>			
<u>Contents Unknown</u>			
(Brief description of purpose of the vessel as Air Tank, Water Tank, L.P.G., Etc.—State Contents.)			
1 If postweld heat-treated.			
2 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 <u>January 25,</u>	19 <u>65</u>	Signed <u>ROCKAWAY TANK, INC.</u>	By <u>J R Walter</u>
		(Manufacturer)	
Certificate of Authorization Expires <u>12-31-67</u>			

CERTIFICATE OF SHOP INSPECTION

VESSEL MADE BY ROCKAWAY TANK, INC. at DOVER, NEW JERSEY

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State of NEW JERSEY and employed by THE STATE OF NEW JERSEY of

have inspected the pressure vessel described in this manufacturer's data report on January 25, 1965, 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.

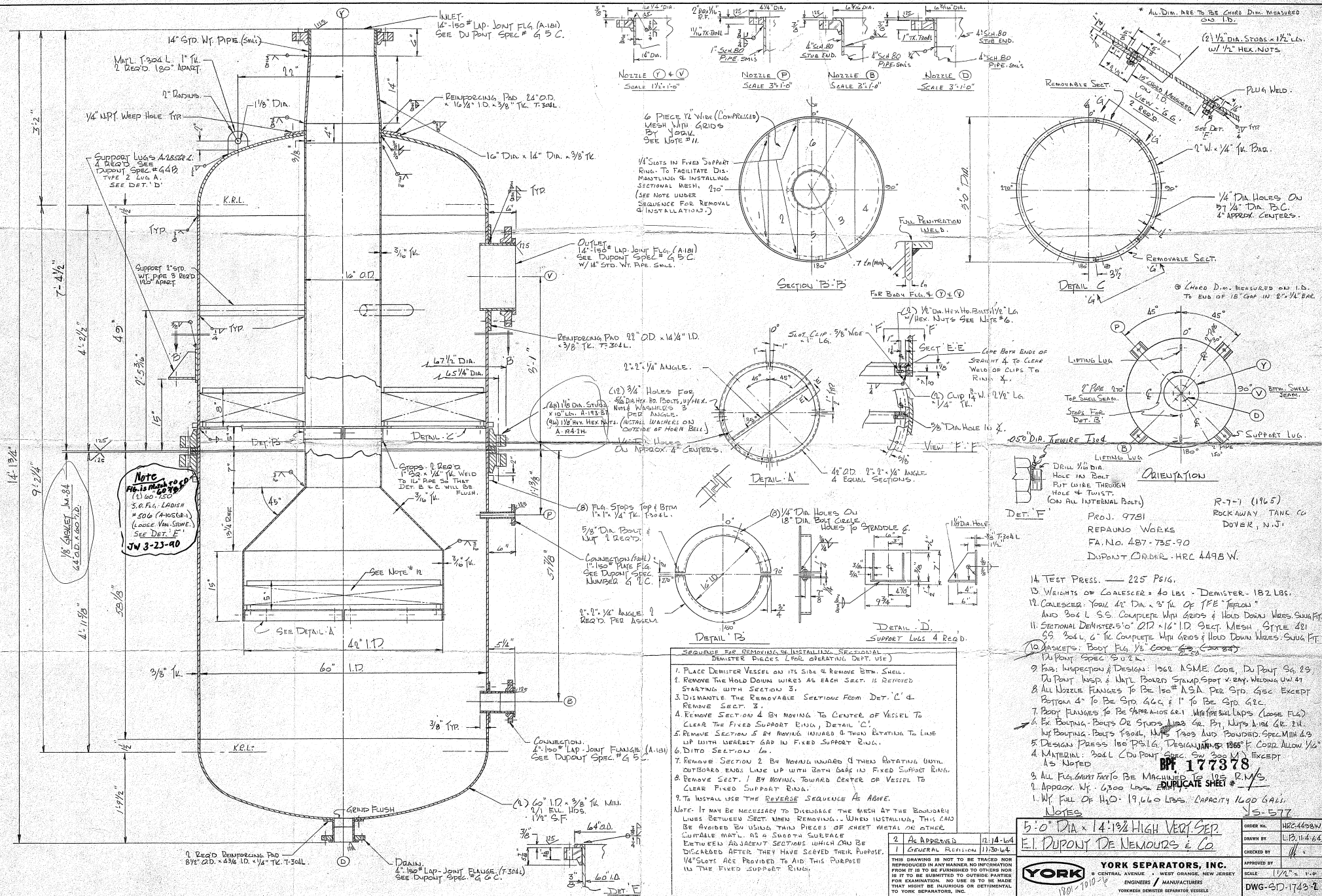
Date January 25, 19 65

H. A. Roberts
Inspector's Signature

Commissions

N.B.-775

Nat'l Board or State and No.


YORK SEPARATORS, INC.

YORK 8 CENTRAL AVENUE • WEST ORANGE, NEW JERSEY
ENGINEERS / MANUFACTURERS

1861	YORKMESH DEMISTER SEPARATOR VESSELS
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✓ S-577

ORDER No.	HRC-44
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DRAWN BY	L.B. 11
	dl

CHECKED BY	<i>[Signature]</i>
APPROVED BY	

SCALE: 1 1/2" = 1'

DWG-SD-1743
