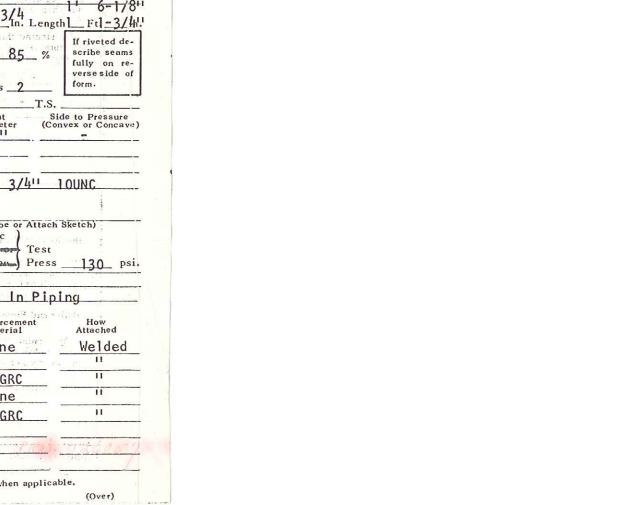
FORM U-1 MANUFACTURERS' DATA REPORT FOR PRESSURE VESSELS As required by the Provisions of the ASME Code Rules, School VIII, Division I	
1. Manufactured by Joseph Oat Sons, Inc. Camden, New Jersey (Name and address of Manufacturer)	
2. Manufactured for Hercules, Inc. Wilmington, North Carolina / O W (Name and address of Purchaser)	301
3. Type Vert. Kind Heat Exch. Vessel No. (2127-2) () Natl. Bd. No. 618 Yr. (State & State No.)	Built 1973
Items 4-9 incl. to be completed for single wall vessels (such as air tanks), jackets of jacketed vessels, or shells of hea	t exchangers.
4. SHELL: Material SA285GRC T.S. 55000 Nominal Thickness 3/8 In. Allowance In. Diam. 2 Ft. In. (Kind and Spec. No.) (Fig. or F.B. & Spec. Min. T.S.) 5. SEAMS: Long DBW H.T. No R.T. Spot Sectioned No Efficiency 85 (Welded, DbI., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No) (Yes or No)	Length 2 Ft() In.
5. SEAMS: Long DBW H.T. NO R.T. Spot Sectioned NO Efficiency 85 (Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)	scribe seams fully on re-
Girth DBW H.T. NO R.T. Spot Sectioned NO No. of Courses 2 6. HEADS (a) Material T.S. (b) Material Conical Hemispherical Flat (Top, bottom, ends) Thickness Radius Radius Radius Radius Diameter	form.
Location Crown Knuckle Elliptical Conical Hemispherical Flat (Top, bottom, ends) Thickness Radius Radius Ratio Apex Angle Radius Diameter	Side to Pressure (Convex or Concave)
Equipment No. E-6201-02 (a) (b)	-
If removable, bolts used (Material, Spec. No., T.S., Size, Number) (Describe or Attach Sketch)	· Politi
7. STAYBOLTS: If hollow Attachment and Pitched X and or and	Diam. 5219 and 10
(Material) (Size of Hole) (Threaded, Welded) (Horiz.) (Vert.) 8. JACKET CLOSURE: (Describe as ogee & weld, bar, etc. If bar, give dimensions, if bolted, describe or sketch)	Paret
9. Constructed for max. allowable working press 2 175 psi at max. temp. 365 F. less than -20°) 175 psi at max. temp. 365 F. less than -20°) 176 psi at max. temp. 365 P. less than -20°)	est
Issue 10 and 11 and annual conditions in	ress263_psi.
10. TUBE SHEETS: Stationary. Material SA240T316 Diam31-3/4 In. Thickness In. Attack	ment Welded
Floating: Material Diam. In. Thickness In. Attach	(Welded, Bolted)
11. TUBES: Material SA249T3160.D. 3/4 In. Thickness 16 Gage Number 868 Type	intent
TI. TOBES: Material SAZ49131D.D. 3/4 in. Thickness 1b Gage Number 6b8, Type (Kind & Spec. No.)	(Straight or U)
Items 12-15 incl. to be completed for inner chambers of jacketed yessels, or channels of heat exchangers.	11 6-1/81
Items 12-15 incl. to be completed for inner chambers of jacketed yessels, or channels of heat exchangers. Nominal Corrosion Thickness 4 In. Allowance In. Diam. 2 Ft. In. L	ength Ft1-3/4
13. SEAMS: Long DBW H.T. No R.T. Spot Sectioned No Efficiency 85 (Welded, Dbl., Single, Lap, Butt) (Yes or No) (Yes or No)	% scribe seams fully on re-
Girth DBW & Single H.T. No R.T. Spot Sectioned No No. of courses 2	verse side of form.
	r.s
Location W/SA240T316Crown Radius Ratio Apex Angle Radius Diameter (a) Top, bottom, and 1-23/32" - 36"	Side to Pressure (Convex or Concave)
(b) Channel	
(c) Floating If removable, bolts used (a) SA193 B-7 36 3/41 10UNC (b) SA193 B-7 36 3/41	1 OUNC
(Material, Spec. No., T.S., Size, Number)	
Other fastening (C) (Describe or At Hydrostatic)	
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	est 120 psi.
Items below to be complered for all vessels where applicable.	130_ 701
16. SAFETY VALVE OUTLETS: Number Size Size LocationIn F	Piping
17. NOZZLES	m - illife . How
Outlet, Drain) Number Diam. or Size Type Material Thickness Material	Attached
A 1 20" P1t SA240T316 1/4" None B 1 8" Pipe SA53GRB SCH 40 "	<u>Welded</u>
C 1 10" x 8" Reducer SA234GRB Std. Wt. SA285GRC	
D 1 6" Pipe SA312T316 SCH 40 None	
E 1 4" " " SA285GRC	!!
P.O.026-57020-FCD EQU. No.	100000
	L'able
1 re postweld heat-treated. List under remarks other internal or external pressures with coincident temperature when approximation of the control of the con	(Over)



	FARS 1-1 MANTE VETURERS DATA REPORT FOR PRESSURE VESSELS As connect by the "novisions of the ASM" Code Rules, Ser im VW, Division I
	. Manuacoured by Joseph Oct & Sons, Inc(doed) 1-U MAOA, Mew Jersey
ensus reco	2. Manufactured by Hercules, Inc. Wilmington, North Carolina
OPE	NINGS: Handholes, No. Size Location
SUPI	Threaded, No. 2 & 2 Size 1/211 & 3/411 Location NOZZIES B&C Shell-PORTS: Skirt No Lugs 4 Legs (Number) Other (Describe) Attached Welded (Where & How
2.7.0	ARKS: Vessel is an Oxidate Stripper Condenser constructed to Oat Dwg. 5240-2, 5241-1, 5209-5 and the 1971 ASME Code Section VIII.
1	Top channel is a cone section 31-3/4" x 20".
	STOLE BELLEVIEW STOLE ST
	Equipment No. E-6201-02
	(Brief description of purpose of the vessel, as Air Tank, After Cooler, Jacketed Cooker, etc. State contents of each part.) certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship
	vessel conform to the ASME Code for Pressure Vessels, Section VIII, Division I. 19 73 Signed Joseph Oat & Sons, Inc. (Manufacturer) (Manufacturer)
Cer	tificate of Authorization Expires #184 12/31/73
:q <u>}</u>	de la constant de la
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92-0	VESSEL MADE BY Joseph Oat & Sons, Inc. at Camden, New Jersey
	I, the undersigned, holding a valid commission issued by the National Board of Boiler amd Pressure Vessel Inspectors and/or
;	the State or Province N. J. and employed by Royal Indemnity Company of New York, New York have inspected the pressure vessel described in this manufacturer's
/1.	data report on
78.	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
51 E	in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.
Jan 100 100	Date
5405 5405	Inspectors Signature Commissions Nat'l Board, State, or Province and No.
	The state of the s
	<u> </u>
	CERTIFICATE OF FIELD ASSEMBLY INSPECTION
0.500	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 of
η	with the described pressure vessel and state that parts referred to as data items
	not included in the certificate of shop inspection have been inspected by me and that to the best of my knowledge and belief the manufacturer has constructed and assembled this pressure vessel in accordance with the applicable sections of the ASME Boiler and Pressure Vessel Code. The described vessel was inspected and subjected to a hydrostatic test of psi.
ъ	Du signing this certificate pather the Inspector por his employer makes any warranty, expressed or implied, concerning the
job	pressure vessel described in this manufacturer's data report. Furthermore, neither the inspector nor his employer shall be flable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.
	C 10° x 8° Reducer SA220C3D et SCC, bt. SA22 C3D and bt. SA22C3D et SCC bt. SA22C3D and bt. SA22C3D et SCC bt. SA22C3D and bt.
	Commissions Nat'l Board, State, or Province and No.
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