As required by the Provisions of the ASM ode Rules E-2100-B	
1. Manufactured by Camden Copper Yorks Canden New Jersey (Name and address of Manufacturer)	
2. Manufactured for Hercules, Inc., Illinington Delaware # 104109	
3. Type though Kind Heat Fych Vessel No. (37-3734-13) Natl. Bd. No. 605 Yr. Built 190 (Mfrs. Serial) (State & State No.	57
tems 4-9 incl. to be completed for single wall vessels (such as air ranks) jackers of jackered vessels, or shells of heat exchangers.	1
4. SHELL: Material SA240 316 T.S. 75 (100 Thickness) / Aln. Allowance In. Diam. 2 F7.1 In. Length F1. (Kind and Spec. No.) (Fig. of F.B. & Spec. Min. T.S.)	/ 1/ F
5. SEAMS: Long Ritter Hill (Yes or No) X.R. cn & Sectioned no Efficiency 55 % scribe sea fully on verse side	re: t
Girth Girth H.T. NO X.R. NONG Sectioned NO. of Courses form. 6. HEADS (a) Material T.S. (b) Material Conical Hemispherical Radius Radius Radius Radius Flat Side to Press. (Top, bottom, ends) Thickness Radius Ra	
(a) See tube sheets	
If removable, bolts used (Material, Spec. No., T.S., Size, Number) Other fastening (Describe or Attach Sketch)	<u> </u>
7. STAYBOLTS: If hollow Attachment (Size of Hole) Threaded, Welded) Pitch X Diam (Nominal Notice of Hole)	i)
(Describe as ogee & weld, bar, etc. If bar, give dimensions, if bolted, describe or sketch)	4
9. Constructed for max. allowable working press 2 100 psi at max. temp. 300 °F. less than -20°) Press 150	_psi.
tems 10 and 11 to be completed for tube sections.	
10. TUBE SHEETS: Stationary. Material SA240 316 S/S Diam. 31 In. Thickness 13 In. Attachment Welded, Bo	तिरहेत)
Floating. Material NONE Diam. In. Thickness In. Attachment	
11. TUBES: Material 9 304L O.D. 3/4 In. Thickness 16 or Gage Number 840 Type (Kind & Spec. No.)	t
Items 12-15 incl. to be completed for inner chambers of jacketed wassels, or channels of heat exchangers.	
12. SHELL Material \$4285C 5t1 T.S. 55,000 Thickness 12 In. Allowand 16 Diam. 2 Ft71s In. Length 1 Ft.	7 '' 2 In.
13. SEAMS: Long Butt H.T. no X.R. Spot Sectioned no Efficiency 15 % (Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No) (Yes or No) verse side	l de- eams re-
Girth Butt H.T. NO X.R. NONE Sectioned No. of courses 2 form.	
14. HEADS (a) Material T.S. (b) Material T.S. (c) Material T.S. Side to Press.	
Location Thickness Radius Radius Ratio Apex Angle Radius Diameter (Convex or Conc. (a) Top, bottom, ends	cave)
(b) Channel 2 with 3/4 x 6" ribs 3 900 welded 30-3/4 flat restanting and 2 30-3/4	
If removable, bolts used (a) (Material, Spec. No., T.S., Size, Number) (b) St1, SA19387, 125,000,5/8	.32
(c) Same as (b) Other fastening (Describe or Attach Sketch)	
15. Constructed for max. Allowable working press. 75 psi at max. temp. 300 °F. less than -20°) - °F. Combination Press 113	psi.
Items below to be completed for all vessels where applicable.	
16. SAFETY VALVE OUTLETS: Number alsowhere in system Location	
17. NOZZLES Purpose (Inlet, Reinforcement How Outlet, Drain) Number Diam. or Size Type Material Thickness Material Attached	ĺ
A,B 2 6" S.O. SA53B, St1 Std. Wt. none welde	<u>!d</u>
C 1 10x6" L.J. SA312, 316 " " " "	
¹ If postweld heat-treated. ² List under remarks other internal or external pressures with coincident temperature when applicable.	

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

² List under remarks other internal or external pressures with coincident temperature when applicable.

FORM U-1 (back)

18. INSPI	ECTION Manho	oles, No	none	Size	Location_		
OPEN	NINGS: Handl	oles, No		Size	Location		***
	Threa	ded, No	**************************************		Location_		
19. SUPP	ORTS: Skirt_	N (Yes or No)	Lugs_	Il(Namer)	Legs [[(Olimber)	OtherOtherOescribe)	_ Attached of And Where & H
20. REMA	ARKS:	This ve	ssel is a	n oxidize	r condenser	for non-letha	1 service.
						expansion join	
						with a longit	
						carbon steel	
	nearrun	Jacker 1	ani irarea	11 (3/8) 12	AUST WAST		CHOHNST
							\$
= 1	(Brief desc	ription of purpo	se of the vessel, a	s Air Tank, After	Cooler, Jacketed Cooke	er, etc. State contents of e	ach part.)
			ade in this report Code for Unfired			sign, material, construc	tion, and workmanship
Date	A	19 c	Signed	Caudan	Company Hamba	By Fhillipl	Dunne
Dute	April 1/			Cama Manuf	warer forks	,	31
Cert	ificate of Auth	orization Exp	ires 12/31/	67	e e e e e e e e e e e e e e e e e e e		
		a series d	XL/ 0X/	• •			(a)
' · F			the state of the Name of the Supplement of the				
49.40 	2 2 3 2 3			1 4	SHOP INSPECTIO		. 1
	VESSEL MAD I, the unde	E BY	iden Coppe g a valid commission	r Hroks on issued by the l	at Ca National Board of Boile	im den , How Jer er and Pressure Vessel Ins	Sey pectors and/or
l	the State of _	Kew Jers	ey and en	nployed byhave	artford Stee	n Boiler i à e vessel described in this	of manufacturer's
ě	data report or turer has con Code.	structed this p	ressure vessel in a	19 and s	state that to the best one applicable sections	e vessel described in this of my knowledge and belief of the ASME Boiler and P	, the manufac- ressure Vessel
***	By signing pressure vess	el described in	this manufacturer	's data report. Ful	thermore, neither the I	nty, expressed or implied, inspector nor his employer ng from or connected with t	shall be liable
I	Date		17/120 19_	67 .			
1	*	60		07			(a)
1		100	Fisicon	Commiss	sions _ <u> </u>	'I Board or State and No.	
50		Inspectors 8	Signature		IND - C J Wat	'l Board or State and No.	
			8	5.	× .		
-	el bee				-		
	(9)	9 (90)			ASSEMBLY INSP		
1						er and Pressure Vessel Ins	
	the State of		and er	mployed by have	compared the statem	ents in this manufactures	r's data report
	not included	in the certific	vessel and state the ate of shop inspec- ructed and assembl	at parts referred to	as data items nspected by me and th	nat to the best of my knowl with the applicable section	edge and belief
				a car		a hydrostatic test of	
	DECCUED VOC	cal described in	n this manufacturer	's data report. Fu	rthermore, neither the	inty, expressed or implied, Inspector nor his employer ing from or connected with t	shall be liable

Nat'l Board or State and No.