5. SEAMS: Long DbT. Butt H.T. H.T. HO R.T. Spot Sectioned No provided by the section of the sect		U-1-MANUFACTURERS'				W 000
Regret Standard true Regret Reg	As requ	ired by the Provisions of t	he ASME Code Rules, Sec			11015
	1. Manufactured by Canal	Name (Name	ors Candel	n, New Je	rsey	
Tems 4-9 incl. to be completed for single wall vessels (such as air tanks), jackets of jacketed vessels, or shells of lical exchangers.	2. Manufactured for Hercule 3. Type Vert. Kind He	es Incorporated	Hanover Plan	of Wilmi	ngton, No	o. Car. Yr. Built 1973
4. SHELL: Material / SSA515.70 787000 Nominally 3						12 H) 1941
Trivited decided September	Items 4-9 incl. to be completed for	single wall vessels (such as air	tanks), jackets of jacketed ves	sels, or shells of he	at exchangers.	1.0 0 0 0
6. HEADS (a) Material Concation (Top, bottom, ends) Thickness (Padius Radius Diameter (Convex or Concave) (O) (O) (O) (O) (O) (O) (O) (O) (O) (O	(Kind and Snec.	No.) (Fig.or F.B.& Spec.)	Min T.S.)			If mirrated do IT
Location (Top, bottom, ends) Thickness (Radius Radius Radius Radius Conical Apex Angle Hemispherical Radius Diameter (Convex or Concave)	Welded, Dol. Sing Girth UW13, 21	H.T. (Yes or No)	(Spot or Complete) R.T. Spot Section	(Yes or No)	of Courses 4	verse side of form.
If removable, bolts used (Material, Spec. No., T.S., Size, Number) Other fastening (Describe or Attach Sketch)	Location (Top, bottom, ends) Thicknee (a)	ess Radius Radius	Ratio Apex Angle	Hemispherical Radius I	Flat Side	e to Pressure ex or Concave)
(Material, Spec. No., T.S., Size, Number) 7. STAYBOLTS: (Material) If hollow (Size of Hole) Attachment (Threaded, Welded) Pitch (Horiz.) X (Vert.) Diam. (Nominal) 8. JACKET CLOSURE: (Describe as ogee & weld, bar, etc. If bar, give dimensions, if bolted, describe or sketch) (Wolgdate Working press 2 175. psi at max. temp. 36.5 °F. Min. Temp. (when 10 1 to be completed for tupe sections.) 10. TUBE SHEETS: Stationary, Material 45.7 \$5.82.4 0 juan 35.37.4 in. Thickness 11/h2 Attachment (Welded, Botted) (Subject to Pressure) (Welded, Botted) (Welded, Spec. No.) (Subject to Pressure) (Welded, Spec. No.) (Subject to Pressure) (Welded, Botted) (Welded, Spec. No.) (Subject to Pressure) (Welded, Botted) (Welded, Spec. No.) (Sind & Spec. No.) (Subject to Pressure) (Welded, Botted) (Welded, Spec. No.) (Sind & Spec. No.) (Subject to Pressure) (Welded, Botted) (Welded, Spec. No.) (Sind & Spec. No.) (Spec. No	If removable, holts used	may the at the attention of the	Other factening	nikti m estimi gr	naga akusa waifi ne	da suferior off
8. JACKET CLOSURE: (Describe as ogee & weld, bar, etc. If bar, give dimensions, if botted, describe or sketch) (Describe as ogee & weld, bar, etc. If bar, give dimensions, if botted, describe or sketch) (Describe as ogee & weld, bar, etc. If bar, give dimensions, if botted, describe or sketch) (Describe or sketch) (Rescribe	(Materia	I, Spec. No., T.S., Size, Numb	er) (Describe or Attac	h Sketch)	F teats to 1
(Vescribe as ogee & weld, bar, etc. If bar, give dimensions, if botted, describe or sketch) 9. Constructed for max. allowable working press 2 17 5. psi at max. temp. 36 5 °F. less than -20°)	7. STAYBOLTS: (Material) If hol	low Attachment	(Threaded, Welded) Pitch (I	Horiz.) X — (Ver	t.) Diam. (No	ominal)
9. Constructed for max. allowable working press 2 17 5. psi at max. temp. 36 5 °F. Min. Temp. (when. less than -20°)	8. JACKET CLOSURE:(De	scribe as ogee & weld, bar, etc	. If bar, give dimensions, if bo	Ited, describe or sl	setch)	
Tems 10 and 11 to be completed for tube sections.	9. Constructed for max. allowable working press ² 175	psi at max. temp. 365	Min. Temp.(when less than -20°)	Hydrostatic Pněumatica **F. Combinatica	or Test 2	85 psi.
South Fixed Spec. No. Subject to Pressure Spec. No. 304 \$\subseteq \text{SA240} Diam. 35 - 374 In. Thickness -1/18 Attachment Melded	Items 10 and 11 to be completed for	tube sections.	person to the control of the control			
Trimer 12-15 incl. to be completed for inner chambers of jacketed vessels, or channels of heat exchangers. 1 - 1 - 3/6 to	Both Fixed XMXIII. Mate	(Kind & Spec. No.) (Subj.	ect to Pressure) 35-3/4 In. Thickness 1-1 16 Mches	A.B. Attachment	(Welded, Bol Welded	adaba
Items 12-15 incl. to be completed for inner chambers of jacketed vessels, or channels of heat exchangers. 1 - 1 - 3 / 8	11. TUBES: Material Kind & Spec. N	O.DIn. Thicki	ness or Gage Nu	mber	Type Str	@ 1g n C
13. SEAMS: Long DD 1. But t. H.T. No R.T. Spot Sectioned No Efficiency 85 % scribe seams fully on reversible seams fully o	Items 12-15 incl. to be completed f	or inner chambers of jacketed	vessels, or channels of heat ex	changers.		
13. SEAMS: Long DD 1. But t. H.T. No R.T. Spot Sectioned No Efficiency 85 % scribe seams fully on reversible seams fully o	12. SHELL Material 04 S/SSA 2 (Kind and Spe	40 T.S. 75000 Nom Thick Spec.	inal 3/8 In. Corrosion Allowance 0	In. Diam. 2_F1.	-3/ Length 3	Ft. 3 - 31/.8
14. HEADS (a) Material 15/5 THE Grown Radius T.S. Conical Hemispherical Radius T.S. Conical Hemispherical Radius T.S. Conical Hemispherical Radius T.S. Conical Hemispherical Radius T.S. Side to Pressure Radius T.S. Conical Hemispherical Radius T.S. Side to Pressure Radius T.S. Conical Hemispherical Radius T.S. Side to Pressure Radius T.S. T.S.	13. SEAMS: Long Ubl. Bu	tt H.T. NO R.T. R,Lap,Butt) (Yes or No) ¹ (S	Spot Sectioned NO Spot or Complete) (Yes or	Efficiency	85 % each end	scribe seams fully on re- verse side of
(a) Top, bottom, ends (b) Channel (c) Floating If removable, bolts used (a) Al St. SAI 9387, 125000, 7/8, 88(b) (Material, Spec. No., T.S., Size, Number) (c) Other fastening (Describe or Attach Sketch) Hydrostatic Press Purpose (Inlet, Outlet, Dain) Number Diam or Size Type 304 Material 240 Thiokaess National Application Application Reinforcement Material All St. SAI 9387, 125000, 7/8, 88(b) (Describe or Attach Sketch) Hydrostatic Press Purpose (Inlet, Outlet, Dain) Number Diam or Size Type 304 Material 240 Thiokaess Naterial How Attached Outlet 1 8 1 1 304 S/SSA240 Thiokaess Naterial How Attached Outlet 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Girth UA 48 (1 a) 14. HEADS (a) Material 5/5 1	H.T. 70 R.T. 15 - 70 T.S. 7000 (b) Mai	terial T.S.	No. of courses _(c) Material Hemispherical	T.S.	
If removable, bolts used (a) A St. SA19387, 125000, 7/8, 88(b) (Material, Spec. No., T.S., Size, Number) (c) Other fastening (Describe or Attach Sketch) Hydrostatic Pheulinate or Test 50 psi at max. temp. 350°F. less than -20°) F. Conformation Press psi at max. temp. Size Location Items below to be completed for all vessels where applicable. [A SAFETY VALVE OUTLETS: Number Size Location Press Purpose (Inlet, Outlet, Drain) Number Diam, or Size Type 304 Material Attached Outlet 1 8 1 1 3045/SSA240 1/4 None Welded	(a) Top,bottom,ends	Radius Radius	Ratio Apex Angle	Radius I	Dagnet gr/8 (Cor	nvex or Concave)
(c) Other fastening (Describe or Attach Sketch) 15. Constructed for max. Full Vac. allowable working press? psi at max. temp. 350 °F. less than -20°) °F. less than -20°) °F. confidation Press psi. Items below to be completed for all vessels where applicable. 16. SAFETY VALVE OUTLETS: Number Size Location 17. NOZZLES Purpose (Inlet, Outlet, Brain) Number Diam or Size Type 304 Material A 240 Thickness Material Attached Outlet 1 8" Location Thickness Material Attached Outlet 1 8" Location We ded	(c) Floating	.St. SAI 9387.125	000.7/8.88			
15. Constructed for max. Full Vac. allowable working press? psi at max. temp. 350 °F. Min. temp. (when °F. Hydrostatic preup the or Attach Sketch) Items below to be completed for all vessels where applicable. Items below to be completed for all vessels where applicabl	II removable, bolts used (a) (Material, Spec. No., T.S., Size,	Number)			
15. Constructed for max. Full Vac. psi at max. temp. 350 °F. Min. temp. (when some less than -20°) F. Press 50 psi. Items below to be completed for all vessels where applicable. 16. SAFETY VALVE OUTLETS: Number Size Location 17. NOZZLES Purpose (Inlet, Outlet, Brain) Number Diam or Size Type 304 Material A240 Thickness Material Attached Outlet 1 8" Location Thickness Material Actached Welded	(c)		Other fas	tening	andha an 111 at 0	Ventals)
Items below to be completed for all vessels where applicable. Elsewhere in system	15. Constructed for max. Full allowable working press?	1	Min. temp. (when ≈ ≈ ∞ colless than -20°)	(Des Hydrost Preuma °F. Conroin	atic hc/or tion Press	50 psi.
16. SAFETY VALVE OUTLETS: Number Size Location 17. NOZZLES Purpose (Inlet, Outlet, Brain) Number Diam or Size L. Type 304 Material A240 Thickness Mone Welded Outlet 1 8" L.J. 3045/SSA240 1/4" None Welded			Lors of the Landson Dask of A			
Outlet 1 8" L.J. 3045/SSA240 1/4" None Welded	16. SAFETY VALVE OUTLETS: No 17. NOZZLES		Size	Location	A CALL OF THE STATE	(10) 4(1) - A
	Quilet, Prain) Number	1 9		Thickness	Material	Attached ed
RESCHILLER E GRAND BLUCK BLANKER BENEFIL WARD WALLED	네트 - 도시에 어려워 발견되었다. 하나 그리는 나는 나는 나는 나는 그리고 있다. 그리네 그 나는	그는 기계의 '백명을 다고 개택하였다. 그는 다 방생은 기원으로 하고 있다.	그리다 하는 그 내가 내가 있는 사람들이 있었다. 그렇게 살아 가게 살아내고 내내 사람이 때			11124 11111
		2 4 4 10				Welded

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

¹ If postweld heat-treated.

FORM U-1 (back)

18. INSPECTION Manholes, No			
OPENINGS: Handholes, No.	Size	Location.	
Threaded, No.	Size	Location	Shell Welded
Threaded, No	(Number) Legs	(Number) Other (Descr	ibe) Attached (Where & How)
20. REMARKS: This vessel is a 1 Pass			
Vessel is not designed for leth	nal service.	Overall length 1	21-7-5/16"
Data Report 6651, Partial, Lor			
Vessel has Babricated expansion Material is C/S SA515-70.	joint consi	sting of (2) flan	ged & flued heads.
Contents Tube Side Air Metol	Shell Side	Water.	
A STATE OF THE STA			
(Brief description of purpose of the vessel, as A	Air Tank, After Cooler, Ja	cketed Cooker, etc. State content	s of each part.)
We certify that the statements made in this report at			struction, and workmanship
of this vessel conform to the ASME Code for Pressure V			18 4/11
Date March. 29 19 73 Signe and a	n Alloy Fabr (Manufacturer)	icators By Jan,	R. C. Huppman
Certificate of Authorization No.	Evpires 12/3	31/74	
Certificate of Authorization No.	— Expires	N 200	8
	te primitivo de la terra de consente de la composição de la composição de la composição de la composição de la		
5	CATE OF SHOP IN		
vessel made by Canden Alloy Fab			
I, the undersigned, holding a valid commission in the State or Province Pa. and emplo			
data report on MAR 2 turer has constructed this pressure vessel in accordance.	$\frac{19}{19}$, and state that tordance with the applical	the pressure vessel described in the best of my knowledge and alle sections of the ASME Boiler	belief, the manufac- and Pressure Vessel
By signing this certificate neither the Inspecto pressure vessel described in this manufacturer's d in any manner for any personal injury or property	ata report. Furthermore, damage or a loss of ar	neither the Inspector nor his emp	loyer shall be liable
Date MAR 2,9 1973	}		
Chilada .		NB3954	PA1515
Inspectors Signature	Commissions	Nat'l Board, State, Province	and No.
ν			
produce and the second	y *	,	
CERTIFICATE C	F FIELD ASSEMB	LY INSPECTION	
I, the undersigned, holding a valid commission i			
the State or Province and emplo	yed by	the statements in this manufa	of
with the described pressure vessel and state that no			
with the described pressure vessel and state that pa not included in the certificate of shop inspection the manufacturer has constructed and assembled t	have been inspected be this pressure vessel in a	y me and that to the best of my baccordance with the applicable s	nowledge and belief ections of the ASME
Boiler and Pressure Vessel Code. The described ve	essel was inspected and s	ubjected to a hydrostatic test of	psi.
By signing this certificate neither the Inspecto pressure vessel described in this manufacturer's d in any manner for any personal injury or property	ata report. Furthermore,	neither the Inspector nor his emp	loyer shall be liable
Date 19			
	2	N N	
Inspector's Signature	Commissions	Nat'l Board, State, Province a	nd No.