FORM U-1 MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS As Required by the Provisions of the ASME Code Rules, Section VIII. Division 1

C-300

REPRINT 2/92

			7.0	Toquii ot	. U) 111U		,		WILL GOOD HOLD	3, 000		, 6, 1010					
1. M	lanufactured a	nd certifie	d by	ITT Star				n 175 (Standard Parkwa	ıy							
2. M	lanufactured fo	AR	CO CHE	MICAL	O. 380°	WEST (CHEST		E NEWTOWN S	QUARE	PA. 19	073					
2 1	ocation of insta	Mation	UNKN	OWN		pranc	e es au au un	oss of Fulci	aset)								
3. Lt	ocation of miste	Mation					(Name a	nd address)									
4. Ty	Type: HORIZ.				HEAT EXCHANGER 95A10141-01												
	((Tank, seperator, jkt. vessel, heat exh., etc.) 5-080-08-096-022 57077								(Mfg's serial No.)						
			5-08	(Drawing N	6-UZZ	. 1	57077 (Nat'i. Bd. No.)						1995 (Year Built)				
F 4	CME 0-4- 0-	-4! \ <i>/</i> ///	District		199	2 A93	Kel	<i>,</i> ,									
5. A	SME Code, Se	ction VIII,	DIVISIO	1	Edition and	Addenda (da	to)		Code Case N	0.			Sp	ecial Servi	ce per UG-120(d)		
	6-11 incl. to b			ingle wall 1	_	ckets of j			s, shell of heat exc gth (ft & in.):	hangers,	or chan 102.6		multi-ch a n	nber ve	ssols.		
Γ	Course	n(s)			faterial	Thic	kness	T	Long. Joint (Cat. A)		C	Circum. Joint (Cat. A, B, & C)			Heat To	Heat Treatment	
No.	Diameter, in.	Longth	(ft &in.)	Spec./Grade or Type		Norn.	Norn. Corr.		Full, Spot, None	Eff.	Туре	Type Full, Spot, None		Eff.	Temp.		
1	8.625	102.6	525 IN	SA53-B		.277	.277 .062 E		NONE	85%	 	NONE		1-	NONE	NONE	
	NONE		•		•	-			-	-	-	-			-		
•	NONE		-	L	-		<u> </u>	<u> </u>	•	<u> </u>	<u> </u>	<u> </u>	•	<u> </u>	•	•	
7. He	eads: (a)				SA516-7				(b)				-	· · · · · · · · · · · · · · · · · · ·			
				· · · · · ·	ade or Type) H	.T Time & 1	femp.			(Mat'l Spec. No.,) H.T Ti	me & Temp.	& Temp.	
	Location (Top,		kness	Radius		Elliptical		Conical	Hemispherical	Flat	_	Side to Pressure		Category			
(a)	Bottom, Enda)	.875	.062	Crown	NONE	Ratio NONE		Apex Angle	NONE	8.62		ONE	NONE	Туре	Full, Spot, None	Eff.	
(b)	-	-	-	·	-	-	-	-	-	0.02	- 100	-	140145		- IAOIAE	+:	
If rem	ovable, bolts ι	sed (des	cribe oth	er fasteni	na)		L		· · · · · · · · · · · · · · · · · · ·	WELDED	TO SI	IELL		<u> </u>			
	·	•							(P	Aati., Spec. I	Vo., Grade,	size, No.)					
8. Ty	pe of jacket				NONE				Jacket clos	ure				ONE			
												(Describe as og	ee & weld	l, bar, etc.)		
	bar, give dime	-							ONE						oolted, describe		
9. M	AWP 300		N/A (external)	psi	at max. te	····p·	temal)		<u>/A</u> °F. M email)	iin. desig	n metal 1	temp.	-20	ot	at	psi	
0. lm	pact test								NO PER UCS 66	(A)							
	_							(Indicate ye	es or <i>no</i> and the componer	it(s) impact t	estedi						
1. Hy	dro., pneu., or	comb. te	st press		450		Proof 1	test _				NO	VE				
	2 and 13 to be	•			ns.	4	4 075		4.4	ne-			20		2017	-	
2. Tubesheet: SA516-70 Stationary (Mat'l Spec. No.)						Dia., in. (s	1.875 subject to	press.)	1.125 .06 Norn. thk., in.								
	NO	NE			-				-		-				•		
	Floating (Mat'l S	Spec. No.)			Dia.	in.			Nom. thk., in.		Corr. Allow	., in.			Attachment		
3. Tu	ibes:		SA214				.750			4 BWG.			18		U		
toma :	1.4.10 inal to 1			Grade or Typ		akatad ya	O.D., in		Nom els of heat exchang	. thk., in. or	gauge		Number		Type (Straight	or U)	
	nell (a) No. of			imer Citar	1	CKEIEG VE			gth (ft & in.):	_	9.500	N					
	Course(s)		M	sterial	Thick	uness	T	Long. Joint (Cat. A)				it (Cat. A, B, &	(C)	C) Heat Treatment			
No.	Diameter, in.	Diameter, in. Length (ft & in.)		Spec./Grade or Type		Nom.	Con.	Type	Full, Spot, None	Eff.	Туре	Full,	Spot, None	Ett.	Temp.	Time	
1	8.625	9.50	O IN	SA	.53-B	.277	.062	ERW	NONE	85%		N	IONE	-	NONE	NONE	
	<u> </u>			•			<u> </u>	•		-		6			-		
-			•		-	-	-	<u> </u>	-		•		•	—	-	-	
5. He	ads: (a)				SA516-7				(b)				•				
	T		(Mat'l	Spec No., Gr	ade or Type) H	.T. · Time & T	emp.				(Mat'l S	pec. No.,	Grade or Type)	H.T Te	ne & Temp.		
	Location (Top,		Rad	Radius				Conical Hemispherical			Side to Pressure		Category A				
(a)	Bottom, Ends)	.875	.062	NONE	Knuckle NONE	NONE		pex Angle	Radius	Diameter 8.625		vex NE	NONE	Type -	Full, Spot, None	Eff.	
(b)	NONE	.0/5	.00%	A DIAC	140142	- MOME			- NOINE	0.02	140	-	140/145	-	HOME	 	
-	ovable bolts u		rihe ash	er factori			L			WF	LDED			L			

This form (E00108) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

(Mat'l Spec. No., Grade, size, No.)

If removable, bolts used (describe other fastening)

(Nat'l Board incl. endorsement, State, Province and No.)

FORM U-1 (Back)

						1	LOUIN O-1	(DOUR)			`		
16.	MAWP _	150	N/A	psi at max.	. сопр	500	N/A *	°F. 👭	lin. design metal temp	20	°Fat _	150 ps	
17.	Impact test	(Internal)	(external)		C	(Internal	(external) NO PEI	R UCS-60	6(a)				
	[Indicate year no and the component(e) impact tested]												
			o. test press.	. 225		Proof te	st 			•			
19.	Nozzies, ind	spection, an	d safety valve or	enings:	-		····						
	Purpose (Inlet,		Diameter	Flange	Ma	eterial	Nozzle	Thickness	Reinforcement	How /	Attached	Location	
	Outlet, Drain, et	c.) No	. or Size	Type	Nozzle	Flange	Nom.	Соп.	Material	Nozzle	Flange	(Insp. Open.)	
	SHELL IN/O	UT 2	3" 300#	ANSI-RF	SA53-B	SA105	.216	.062		16.1(a)	APP2-4(3)		
	CONN.	2	.5"		SA105		3000#	.062		16.2(L)			
L	VENT	1	.75"		SA105		3000#	.062		16.2(L)			
	DRAIN	1	1"		SA516-70)		.062		TAPPED			
<u> </u>	TUBE IN/O	UT 2	3" 300#	ANSI-RF	SA53-B	SA105	.216	.062		16.1(a)	APP2-4(3)		
	VENT	2	.75"	ļ	SA516-70			.062		TAPPED			
	CONN	2		<u> </u>	SA105	<u></u>	3000#	.062		16.2(L)		<u> </u>	
20.	Supports:	JKII	NO Lugs		Legs _	NO	Others			tached		TO SHELL	
(Yes or no) (No.) (No.) (Describe)										(Where a	and how)		
22.	(List the name of part, item number, mfg's. name and identifying number) Remarks:												

			CAFE	TV 1/A11/	- AVED DE	FACUET	DDATEATIA	N TO BE					
	***		SAFE	IT VALVE	E/OVER PR	ESSURE	PROTECTIO	N IOBE	PROVIDED BY US	R/OWNER			
			ments made in th Vessels, Section		correct an		OF SHOP Co		E al, construction, and	workmanship	of this vessel	conform to the	
	Certificate of			8740		Evniron		Feb.28		10 98	7		
Ū		/				Expires			***	1950	Tin		
D	ate <u>6/</u>	24/9	Name _		ITT S (Manufactu		RD,ITT FTC		Signed	D-D.	(Representative)	Q.A. Mgr.	
					CE	RTIFICATE	OF SHOP IN	SPECTION			- Harris		
	the undersig					onal Board	of Boiler and		Vessel Inspectors and	or the State		Mew York	
th	e pressure v	essel descr	ibed in this Manu	ıfacturer's [Data Report	on 6	17 .	1995	_ , and state that, to	the best of m	y knowledge	and belief, the	
N	fanufacturer	has constr	ucted this pressu	ire vessel in	accordance	e with AS	ME Code, Se	ction VIII,	Division 1. By signing	this certifica	ite neither the	Inspector nor	
									d in this Manufacture				
									age or a loss of any				
in	spection.					/					AMISSIONED		
Da	ate <u>& 2</u>	7-45	Signed _	cocil	(Authorize	nya m	ucel	Com			NY5138 , Province and No.)		
					CERTIFICA	ATE OF FI	ELD ASSEMB	LY COMPL	IANCE				
	e certify the			ort are com	ect and tha	t the field	assembly cor	nstruction (of all parts of this ves	sel conforms	with the requi	rements of	
U	Certificate of	of Authorize	ntion No.			Expire	es			, 19			
D	ate		Name						Signed				
				************		(Assemb	ler) 				(Representative)	! 	
					CERTIFIC	ATE OF FI	ELD ASSEMB	LY INSPEC	CTION				
			g a valid commis	sion issued	by the Nati	ional Board	f of Boiler and	i Pressure	Vessel Inspectors and	or the State	or Province of	i	
	nd employed					***				of			
h	ave compare	d the state							sel and state that par				
ar	nd belief. the	Manufacti							e been inspected by rith ASME Code, Sect				
									certificate neither the				
									r's Data Report. Fur			-	
									and arising from or co				
De	ate	Sic	ined					Commis	reinne				
	-		, · · <u></u>										

(Authorized Inspector)