SHE Job #

91-201	as required by t	he provisions of ti	10 ASME Cod	e rules, Section	on VIII, Division	1 20	3-259-01
Manufactured and cer			(name	Corp., 610	00 Old Mon	tgomery caloosa	Hwy,
2. Manufactured for	MENSON	HARV	ey Ju	a dress of purchaser	B 14027		
3. Location of installation	E.l. dup	ent de Ne	mours	Co. NO	. LAPOR	TEJK	•
4. Type: Heat Exch.	(mfr's. serial n	Nor	ie :	SP-28(1-5 (drawing no.)	5 639 (Nat'l. Bo	1. no.)	1991 (year built)
5. The chemical and physical VESSEL CODE. The de							ER AND PRESSURE
A89	_			- Inc.	color and to a relicate	2044//	V = -1
(addenda (Date)) Items 6-11 inclusive to be	A 2000	Case no.)	ets of jacket	A 09	shells of heat e		
	10) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1						1 . 4
6. Shell: SA -516-70 (mat'l. (spec. no.,	\mathcal{S}_{0} grade)) (nom. th	ickness (in.))	(corr. allow. (i	n.))	2-7 th (dia. ID (ft. & in.))		gth (overall) (ft. & in.))
7. Seams: SNGL. BUTT (long. (dbl., sngl.	SPOT (RT (spot or full))	85% (eff. (%)) (HT te	mp. (*F)) (time	SNCL B	, sngl.)) (RT(spot,	partial, or full))	(no. of courses)
8. Heads: (a) SA - SI	6-70 (mat'l. (spec. r	no grade))	(1	0)	(mat'l. (spe	c. no., grade))	
	Corrosion ckness Allowance	Crown Knuckl Radius Radius		Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (convex or concave)
	1250	(2) 42 "O.D.F	LANGED &	FLUED He	200		FLAT
(b) If removable, bolts use	d (describe other fas	tenings): LIA	E 7.		l		
ii removable, botts use	a (describe other ras	terings).		(mat'l., :	spec. no., gr., size, no).)	
The state of the s		Proof test: If bar, give	dimensions:			If holted	, describe or sketch
(desci	ribe as ogee & weld, bar, e	IC.)					
11. MAWP: Koky at m	ax. temp. 650.	Min design metal to	emp.: <u>≈20</u> (*F)	at SoffV	. Hydro.,30000430	KOODOK test	pressure 22S
Items 12 and 13 to be com	pleted for tube sect	rions.					ſ
12. Tubesheets: SB-42	at'l (spec. no., gr.)) (dia	32 U	(nom. thi	750 ckness (in.))	(corr. allow. (in	(<u>(att</u>	NELDED achment (welded, boilted)
(floating ma	at'l. (spec. no , gr.))	(dia. (in.))	(nom. thi	ckness (in.))	(corr. allow. (in	·.» C	(attachment)
13. Tubes: 35-(63 - (mat'l. (spec. n	82S	(OD (in.)) (i	nom, thickness (in	e (gauge))	(no.)		(type (straight or U))
Items 14-17 inclusive to be	completed for inne	r chambers of jack	eted vessels	or channels o	f heat exchange		3.125-4
14. Shell: 58-424-8	2 . Z	So"	O4 4	in.))	2 - 7.50 to (dia. ID (ft. & in.))	0 (10)	ngth (overall) (ft. & in.))
15. Seams: SNGL. P	gl.)) (RT (spot or fu	(HT (%))	emp. (*F)) (tim	SNGL.		, partial, or full)	(no. of courses)
16. Heads: (a) 58-424	-825			SB-42	1-825		
1	(mat'l. (spec. r	no., grade))	,		1	c. no., grade))	1 2000
	nimum Corrosion ckness Allowance	Crown Knuckl Radius Radius		Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (convex or concave)
(a) 70P ./2	375 .04"	32 0. D. x 4540. D	2:/	600			CONCAVE
If removable, bolts use	d (describe other fas	7	Conc. Red 3-B7 (36		u=10 ·		CUNCAN &
i removable, bolta dae	a lacacina other ras	tomigo, har	1	The state of the s	spec. no., gr., size, no)	

18. Nozzles, inspection and	l safety valve	openings:									
Purpose (inlet, outlet, drain, etc.)	Number	Dia. or Size	Туре	Mat'i.	Nom. Thickness	Reinforcement Material	How Athliched	Location			
14	1	34300	RPSO	SA-106 B	.3000	MHERENT	WELDED	SHELL			
OUT *	1	1-24 a	u	ч	.400 u	h	0	01			
12	1	44-150	L.J.	8-43-BZ	.2374	4	И	Bonnet			
OUT	1 350	40_0	4	SO Mad An	. 237	61	9	u			
OUT,		81-4	ų .	SB-424-825	· 375"	Ŋ	, a	P			
HANDHOLE		10ª- 11	- 4		13/3		-				
		-									
* Word 900 L.R.	ELBOW :	SA-234 GA	WPB.								
1		,				61.	1-0-0				
19. Supports: Skirt /ES Lugs 4 Legs Other Attached Skiet WELDED. (ves or no) (no.) (describe) Attached Skiet WELDED.											
	35										
20. Remarks: Manufacturers		Reports prope	rly identifi	ed and signe	d by Commis	sioned Inspectors	have been furn	ished for the			
following items of the re	eport:		Iname	of part, item nu	mber, mfr's. name	and identifying stamp)	0				
"109-46(2)"	auce-la	6/01"	·•/->:>-//	en ingen kanya in ∰ kake nama ka 1825, ingen 55 Malandari anka in ka milikuwa							
109096(0)	1003-6	b (a)									
				F SHOP COM							
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 ASM	E Code for Pi	ressure Vessels	s, Section	VIII, Division	1.	i s	1 .0	1 //			
"U" Certificate of Authoriza	ation no70)37exp	ires Feb.	<u>28</u> , 19	9_94		Jan X di	10/00			
Date // - // -91 Na	ame_South	ern Heat I	Exchang	ger Corp	oration	D. H. No	land (representat	ive)			
					THE RESERVE OF THE PERSON NAMED IN COLUMN	D. H. NO	land				
CERTIFICATE OF SHOP INSPECTION Southern Heat Exchanger Corporation at Tuscaloosa, AL											
VACCE CONSTITUTION DV											
I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and the state or province ofand employed by Commercial Union Insurance Company											
ince ofand employed by Commercial Union Insurance Company of Boston, MA have inspected the pressure vessel described in this Manufacturers' Data											
Report on //- // , 19 91 , and state that, to the best of my knowledge and belief, the manufacturer has constructed this											
pressure vessel in accorda	nce with ASM	IE Code, Section	n VIII, Div	ision 1.				12			
By signing this certificate n	either the ins	pector nor his e	employer m	nakes any wa	rranty, expres	sed or implied, co	ncerning the pr	essure vessel			
described in the Manufactu	rers' Data Rej	port. Furthermo	re, neither	the inspect	or nor his emp	oloyer shall be liab	le in any manne	or for any per-			
sonal injury or property day	mage or a los	solany kind a	rising from	n or connect	ed with this in	nspection.	College	SA.			
Date 11-11 -91 Sign	ed(Very	red	(Commissions_	ND. WTII	dorsements) state, p	rov. and no.)			
		(Authorized ins	spector) PA	The second secon	SIER		Jorganianto, anator p				
		CERTIFICAT	E OF FIEL	.D ASSEMBL	Y COMPLIAN	ICE	Castles VIII Div	ision 1 of the			
We certify that the field assembly construction of all parts of this vessel conforms with the requirements of Section VIII, Division 1 of the											
ASME BOILER AND PRESS			* 800 C.C		0						
"U" Certificate of Authoriz						Signed					
DateNan	ne	(assembler that co	ertified and co	enstructed field	assembly)	Oigilea	(representat	liva) ;			
		CERTIFICA	TE OF FIE	LD ASSEMB	LY INSPECTION	ON					
I, the undersigned, holding	a valid comm	ission issued b	v the Natio	nal Board of	Boiler and Pr	essure Vessel Ins	pectors and the	state or prov-			
ince of	and employ	ed by	,								
moc or			of		_have compa	red the statement					
Report 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 con-											
structed and assembled this pressure vessel in accordance with ASME Code, Section VIII, Division 1. The described vessel was inspected											
and subjected to a hydrostatic test ofpsi.											
By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel											
described in the Manufacturers' Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any per-											
sonal injury or property damage or a loss of any kind arising from or connected with this inspection.											

(Authorized Inspector)

Commissions (Nat'l. 8d. (incl. endorsements) state, prov. and no.)