IAI	0-1	MAMOR	ACIO	NENS	UA	I M MC	PORI	OH	PHE	550	HE A	E22	FFS
a	s rea	uired by ti	he provi	sions of	the	ASME	Code rule	s Sa	ction \	/111	Divisio	n 1	

C 5131 //7757 T FOR PRESSURE VESSEL (1) 10"-118 Sa. Ft FTSSX Heat Exchanger Perry Products Corporation, 25 Mt. Laurel Road, Hainesport, NJ 08036 (name and address of manufacturer) 2. Manufactured for Sofix Corporation, 101 Northgate Commercial Center, Chattanooga, TN (name and address of purchaser) Sofix Corporation, 2800 Riverport Road, Chattanooga, TN 37406 Horizontal B-4626 (mtr's, serial no.) D-91110-1 5. The chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSEL CODE. The design, construction and workmanship conform to ASME Code, Section VIII, Division 1:____ 1989 (addenda (Date)) (Code Case no) (special service per UG-120(d)) Items 6-11 inclusive to be completed for সময়তে অৱ্যা সভাৱতাত্ত্ৰ ভাষা বিষয়ে কৰিব সমূল কৰিব shells of heat exchangers. 0'-10-3/4" O.D. 5'-11-3/4" Lg. SA312-T304 S/S (mat'l (spec. no., grade)) (nom. thickness (in.)) Welded 85 7. Seams:_ (long. (dbl., sngl.)) (RT (spot or full)) (eff. (%)) (HT temp. (°F)) (girth (dbl., sngl.)) (RT(spot, partial, or full)) (time) (no. of courses) 8. Heads: (a)_ (mat'l. (spec. no., grade)) (mat'l. (spec. no., grade)) Location (top. Minimum Knuckle Elliptical Corrosion Crown Conical Hemispherical Thickness bottom, ends) Allowance Radius Radius Ratio Diameter (convex or concave) Apex Angle Radius (a) (b) If removable, bolts used (describe other fastenings): (mat'l., spec, no., gr., size, no.) 9. Type of jacket:___ Proof test:_ ___ If bar, give dimensions:_____ 10. Jacket closure:____ ____ If bolted, describe or sketch. (describe as ogee & weld, bar, etc.) MAWP: 85 at max. temp. 300 ... Min design metal temp.: 20 at 85 ... Hydro., pneut to pressure 145 ... Hydro., pneut to p Items 12 and 13 to be completed for tube sections 12. Tubesheets: SA240-T304 10-3/4" Dia. (dia. (in.) (subject to pressure)) Welded (nom. thickness (in i) (corr. allow. (in.)) (attachment (welded, boited)) 10-3/4" I.D. Body Flanges: SA105 150# Std. Retained by Liners (floating mat'l (spec no.gr)) (corr. allow. (in.)) (attachment) SA249-T304 18 Ga. straight inom thickness iin or gaugen (type (straight or U)) (no.) Items 14-17 inclusive to be completed for interstandars of heat exchangers. 14. Shell: SA312-T304 S/S (mat1 (spec no. gr)) 0'-10-3/4'' 0.D. 1 @ 8'' Lg.
(dia. ID (ft. & in.)) (length (overall) (ft. & in.)) .165" 85 15. Seams: Welded DBW l each (RT (spot or full)) (Af (%)) (HT temp. (*F)) (time) (long (dbl , sngi)) (girth (dbl., sngl.)) (RT (spot, partial, or full)) 16. Heads: (a)_ (mat'l. (spec. no , grade)) (mat'l. (spec. no., grade)) Location (top. Crown Corrosion Hemispherical Side to Pressure bottom, ends) Thickness Allowance Radius Radius 11011 1-3/16 R. End 10-3/41 (a) Concave L. End (b) If removable, bolts used (describe other fastenings): (12) $7/8^{11}$ Dia. x 5-1/2" Lg. C/S studs SA193 B7 17. MAWP: 35/FV at max, temp. 300 . Min design metal temp.: 20 at 35/FV . Hydro., prietr. or corno. test pressure 60 (ps)

18. Nozzles, inspection and safety valve openings:

Purpose (inlet outlet, drain letc.)	Number	Dia or Size	Туре	Matil	Nom Thickness	Reinforcement Material	How Attached	Location
Inlet	1	8"	CL-150	SA312	Sch #10	Inherent	Welded	Bonnet
				T304L		-		
Outlet	1	2"	CL-150	SA312	Sch #10	Inherent	Melded	Bonnet
				T304L				
Inlet and	2	1-1/2"	CL-150	SA312	Sch #10	Inherent	Welded	Shell
Outlet				T304				
	A							_

Tulet and		1-1/2"	CT-120	SA312	Sch #10	Inherent	Welded	Shell
Outlet				T304				
								1
								_
	_l			<u> </u>	<u> </u>	<u> </u>		
O. Supports: Skirt	rs' Partial Data report: esigned for in horizon S-66 and to nsisting o	or lethal ntal posit JHA-51. Sof 10"x8"	service. ion. Exafety va Sch #10	ed and signed of part, stem not unit kempt fralve concent	ed by Commisumber, mfr's, name designed om impact nection 1 ric reduc	and identifying stamp for non-cor testing per ocated elsew er Type 304	s have been fur rosive ser r Code par where in s	vice. agraphs
and and the statement	AT Code (or D	ins report are c	Orrect and t	nat all detai	is of design, n	naterial, construc	tion and workm	anship of th
essel conform to the ASM	ME Code for P	ressure Vessel 7228	s, Section \	/III, Division 31	⊢1. Ω1			
J'' Certificate of Authoriz ate <u> </u>	ation no	4320 exp	iresDeC.	<u> </u>	9			3 1
ate 5 - 1 N	amePeri	y Product	s Cornor	ation		Signed	1.11,21	<u> </u>
		·	(manufact)	urer)			(representa	tive)
				SHOP INS				
essel constructed by	Perry Pro	ducts Cor	poration	1		at <u>H</u> a	ainesport,	ŊJ
the undersigned, holding	a valid commi	ssion issued by	y The Nation	nal Board of	Boiler and Pre	ssure Vessel Inst	pectors and the	state or pr
ce of New Jersev	and employ	ed by Lumb	ermen Mu	itual Ca	sualty Co	of Long Gr	ove, IL	•
		of	h:	ave inspecte	ed the pressur	e vessel describe	d in this Manuf	acturers' De
eport on 3-75-77	. 19	and state th	at to the b	est of my kr	nowledge and	helief the manuf	acturer has co	netruoted t
essure vessel in accorda	nce with ASM	E Code Section	n VIII Divis	sion 1	romrouge and	bener, the manuf	acturer mas con	istructeu t
signing this certificate r					rrontu ovnron	and as impaliant an		
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and injury or property de	mana at a land	ort. Furthering	rie, nemner i	ine inspecto	or nor nis empi	oyer shall be liab	ie in any mann	er for any p
onal injury or property da ateSign	mage or a los	s of any kind a	rising from	or connecte	ed with this in	spection.	e ou Arabese	
ate Sign	ed	(Authorized In	nectors	C	ommissions_	(Nat'l. Bd. (incl. enc	. N. P. 4 N.	
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e certify that the field as SME BOILER AND PRESS I'' Certificate of Authoriz ateNam	SURE VESSEL ation no	uction of all pa	arts of this v	vessel confo)		Section VIII, Div	ision 1 of t
		(assembler that ce	rtified and con:	structed field as	ssembly)	oigned	(representa	live)
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rtificate of shop inspect	ion, have beer	inspected by	me and tha	at to the be	st of my knov	vledge and belief	, the manufact	urer has co
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(Nat'l Bd (incl endorsements) state, prov and no.)

(Authorized Inspector)