FORM A-1P MANUFACTURER'S DATA REPORT FOR PLATE HEAT EXCHANGERS

As Required by the Provisions of the ASME Code Rules, Section VIII, Division 2

(Name and address) (Name and address) (Name and address) (National Search no.) (National Board no.) (Itation (Name) (Itation (1.	Manufactu	Manufactured and certified by											
3. Location of installation	,													
(Name and address) (Naminal Court of Manufacturer's serial no.) (CRN) (Drawing no.) (National Board no.) (CRN) (Drawing no.) (Red Good Case no.) (Edition (Yeard) (College no.) (Bedidion (Yeard) (College no.) (Drawing no.) (CRN) (Drawing no.) (Drawing no.) (CRN) (Drawing no.) (Drawing no.) (CRN) (Drawing no.) (Drawing no.) (Drawing no.) (Drawing no.) (CRN) (Drawing no.)	2.	Manufactu												
National or vertical) (Classeted, semiweld, brazed) (Manufacturer's serial no.) (CRN) (Drawing no.) National Board no.) Year built														
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 2. Code case no. Code case no.	4.						razed)	d) (Manufacturer's serial no.)			(CRN)	(Drawing no.)		
S. Endplates: (a) (Fixed material) (b) (Movable material) (c) (Other material) No. Quantity Width Length Thickness Corr. Allow. Heat Treat Temp. Time (Duantity Midth Length Thickness Corr. Allow. Heat Treat Temp. Time (Quantity of plates pressure stated) (Quantity, dismeter, material specification, and grade) (Quantity, dismeter, material specification, and grade) (Quantity of plates pressure tested) (Minimum tightening dimension) (Maximum tightening dimension) (Quantity of plates pressure tested) (Minimum tightening dimension) (Maximum tightening dimension) (Quantity of plates pressure tested) (Minimum tightening dimension) (Maximum tightening dimension) (Quantity of plates pressure tested) (Minimum tightening dimension) (Maximum tightening dimension) (Duantity of plates pressure tested) (Minimum tightening dimension) (Maximum tightening dimension) (Quantity of plates pressure tested) (Minimum tightening dimension) (Maximum tightening dimension) (Quantity of plates pressure tested) (Minimum tightening dimension) (Maximum tightening dimension) (Quantity of plates pressure tested) (Minimum tightening dimension) (Maximum tightening dimension) (Quantity of plates pressure tested) (Minimum tightening dimension) (Maximum tightening dimension) (Quantity of plates pressure tested) (Minimum tightening dimension) (Maximum tightening dimension) (Quantity of plates pressure tested) (Minimum tightening dimension) (Minimum tightening dimension) (Quantity of plates pressure tested) (Minimum tightening dimension) (Minimum tightening dimension) (Minimum tightening dimension) (Minimum tightening dimension) (Minimum tightening dimension) (Minimum tightening dimension) (Minimum tightening dimension) (Minimum tightening dimension) (Minimum tightening dimension) (Minimum tightening dimension) (Minimum tightening dimension) (Minimum tightening dimension) (Minimum tightening dimension) (Minimum tightening dimension) (Minimum tightening dimension) (Minimum tightening dimension) (Minimum tightening dimens	5.	The chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSU									PRESSURE			
(Fixed material) No. Quantity Width Length Thickness Corr. Allow. Heat Treat Temp. Time (Quantity Midth (Quantity) Midth (Quantity) Midth (Quantity Midth (Quantity)			[Edition (Year)]		Со	de case no.							
7. Frame compression bolts and nuts	6.	Endplates:	(a	n)	(Fixed materia	al)	(b)	(Movable	material)		(c)	(Other materia	al)	
Real transfer plates		No. Qu	antity	Width		Length		Thickness	Corr. A	Allow.	Heat Treat	Temp.	Time	
Cluantity, diameter, material specification, and grade Cluantity of plates (Indicate YES and the component(s) impact tested, or NO														
Cluantity, diameter, material specification, and grade Cluantity of plates (Indicate YES and the component(s) impact tested, or NO														
Cluantity, diameter, material specification, and grade Cluantity of plates (Indicate YES and the component(s) impact tested, or NO														
Impact test	7.	Frame com	pression	bolts and r	nuts									
Heat transfer plates	_							(Quantity, o	liameter, mater	ial specificatio	n, and grade)			
Claim of plates pressure tested Clai	8.	Impact test					[Indicate	YES and the compor	ent(s) impact te	ested, or NO]				
(Quantity of plates pressure tested) (Minimum tightening dimension) (Maximum tightening dimension) 10. Chamber 1, MAWP at max. temp , MDMT at Hydro/pneu. test press 11. Chamber 2, MAWP at max. temp , MDMT at Hydro/pneu. test press 12. Nozzles, connections, inspections, and pressure relief device openings: Purpose (Inlet, Outlet, Drain, etc.) Qty. Size Type Nozzle Flange Rating Nom. C.A. Nozzle Flange C.A. Nozzle C.	Э.	Heat transfe	er plates											
10. Chamber 1, MAWP at max. temp , MDMT at Hydro/pneu. test press				(Plate mode	1)	(Material specifi	ication and g	rade)	(Thickness)		(Minimum/maxim	um quantity of pla	tes for frame)	
11. Chamber 2, MAWP at max. temp , MDMT at Hydro/pneu. test press			-	(Quantity o	of plates press	ure tested)		(Minimum tightening	dimension)		(Max	ximum tightening	dimension)	
11. Chamber 2, MAWP at max. temp , MDMT at Hydro/pneu. test press 12. Nozzles, connections, inspections, and pressure relief device openings: Purpose (Inlet, Outlet, Drain, etc.) Qty. Dia. or Size Type Nozzle Flange Rating Nom. C.A. Nozzle Flange C.A. Nozzle C	10.	Chamber 1	. MAWP		at r	nax, temp		,	MDMT a	ıt	Hvdro/pn	neu, test pres	s.	
12. Nozzles, connections, inspections, and pressure relief device openings: Purpose														
Purpose (Inlet, Outlet, Drain, etc.) Oty. Dia. or Size Type Nozzle Flange Rating Nom. C.A. Nozzle Flange (Insp./Ope Insp./Ope Insp./O						• •			_ 10101011 6		Tryd10/pf	ieu. test pres	. <u> </u>	
(Inlet, Outlet, Drain, etc.) Qty. Dia. or Size Type Nozzle Flange Rating Nom. C.A. Nozzle Flange Closation Classification Comparison C.A. Nozzle Flange Closation Classification Classification C.A. Nozzle Flange Closation C.A. Nozzle Flange Closation C.A. Nozzle Flange Closation Closation C.A. Nozzle Flange Closation C.A. Nozz	12.	Nozzles, co	nnection	s, inspectio	ns, and pr	essure relie	f device	openings:						
Drain, etc.) Qty. Size Type Nozzle Flange Rating Nom. C.A. Nozzle Flange (Insp./Ope				Dia. or		Mat	terial	Flange	Nozzle T	hickness	How At	ttached	Location	
14. Service: Fatigue analysis required	L	Drain, etc.)	Qty.	Size	Туре	Nozzle	Flange	Rating	Nom.	C.A.	Nozzle	Flange	(Insp./Open.)	
14. Service: Fatigue analysis required														
14. Service: Fatigue analysis required	L		-											
14. Service: Fatigue analysis required	_												+	
14. Service: Fatigue analysis required														
14. Service: Fatigue analysis required(Yes or No) (Describe contents or service)	13.	Supports:		Lugs	antity)	Legs Feet	(Quantit	Others	(Des	cribe)	Attached	(Where	e and how)	
(Yes or No) (Describe contents or service)	1/	Service: Fo	tique and	lveje requi	ha·									
, , , , , , , , , , , , , , ,	14.	Jei vice. Fa	ugue alla	iiyələ lequil		(Yes or No))	_		(Describ	be contents or service	e)		

15. Remarks:

		FORM A-1	1P	Pageof
Manufactured by				
Manufacturer's Serial No.		CRN	National Board No	
		CERTIFICATION O	F DESIGN	
User's Design Specification	on file at			
Manufacturer's Design Repo				
				Reg. No
Manufacturer's Design Repo	ort certified by	PE \$	State	Reg. No
		ERTIFICATE OF SHOP		
			design, material, construction	, and workmanship of this
plate heat exchanger conform				
Date	Name	Manufacturer	Signed	Representative
		ivialiulacturei		nepresentative
	C	ERTIFICATE OF SHOP	INSPECTION	
Plate heat exchanger made b	DY	at _		
I, the undersigned, holding a			of Boiler and Pressure Vessel	Inspectors and employed by
and state that, to the best of Code, Section VIII, Division 2 concerning the plate heat exc	my knowledge and belief, . By signing this certificate changer described in this	the Manufacturer has o e neither the Inspector r Manufacturer's' Data Re	nor his/her employer makes a eport. Furthermore, neither th	changer in accordance with ASME ny warranty, expressed or implied e Inspector nor his/her employer or connected with this inspection.
Date S	Signed	Commission	ns	
	Authorized Inspec		National Board Authori	zed Inspector Commission number
We certify that the field asset Division 2 of the ASME BOIL "U2" Certificate of Authoriza	embly construction of all p LER AND PRESSURE VES	SEL CODE.	exchanger conforms with the I	requirements of Section VIII,
		Assembler		Representative
		IFICATE OF FIELD ASS		
I, the undersigned, holding	a valid commission issue	ed by the National Boa	ard of Boiler and Pressure Ve of _	ssel Inspectors and employed by
have compared the stateme	nts in this Manufacturer's	Data Report with the de		and state that parts referred to as
not included in the certificat		·	and that, to the best of my kn	_

By signing this certificate neither the Inspector nor his/her employer makes any warranty, expressed or implied, concerning the plate heat exchanger described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his/her employer shall be liable in any

Commissions _

National Board Authorized Inspector Commission number

manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

The described plate heat exchanger was inspected and subjected to a hydrostatic test of __

Authorized Inspector

_ Signed_