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

1. Manufactured and certified by _____
(Name and address of Manufacturer)

2. Manufactured for _____
(Name and address of Purchaser)

3. Location of installation _____
(Name and address)

4. Type _____ (Horizontal or vertical) _____ (Gasketed, 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.

_____ [Edition (Year)] _____ Code case no.

6. Endplates: (a) _____ (Fixed material) (b) _____ (Movable material) (c) _____ (Other material)

No.	Quantity	Width	Length	Thickness	Corr. Allow.	Heat Treat	Temp.	Time

7. Frame compression bolts and nuts _____
(Quantity, diameter, material specification, and grade)

8. Impact test _____
[Indicate YES and the component(s) impact tested, or NO]

9. Heat transfer plates _____ (Plate model) _____ (Material specification and grade) _____ (Thickness) _____ (Minimum/maximum quantity of plates for frame)

_____ (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.	Dia. or Size	Type	Material		Flange Rating	Nozzle Thickness		How Attached		Location (Insp./Open.)
				Nozzle	Flange		Nom.	C.A.	Nozzle	Flange	

13. Supports: Lugs _____ (Quantity) Legs Feet _____ (Quantity) Others _____ (Describe) Attached _____ (Where and how)

14. Service: Fatigue analysis required _____ (Yes or No) _____ (Describe contents or service)

15. Remarks:

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Manufactured by _____

Manufacturer's Serial No. _____ CRN _____ National Board No. _____

CERTIFICATION OF DESIGN

User's Design Specification on file at _____

Manufacturer's Design Report on file at _____

User's Design Specification certified by _____ PE State _____ Reg. No. _____

Manufacturer's Design Report certified by _____ PE State _____ Reg. No. _____

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements in this report are correct and that all details of design, material, construction, and workmanship of this plate heat exchanger conform to the ASME Code for Pressure Vessels, Section VIII, Division 2.

"U2" Certificate of Authorization No. _____ expires _____

Date _____ Name _____ (Manufacturer) Signed _____ (Representative)

CERTIFICATE OF SHOP INSPECTION

Plate heat exchanger made by _____ at _____

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by _____ of _____,

have inspected the plate heat exchanger described in this Manufacturer's Data Report on _____

and state that, to the best of my knowledge and belief, the Manufacturer has constructed this plate heat exchanger in accordance with ASME Code, Section VIII, Division 2. By signing this certificate neither the Inspector nor the Inspector's employer makes any warranty, expressed or implied, concerning the plate heat exchanger described in this Manufacturer's' Data Report. Furthermore, neither the Inspector nor the Inspector's employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date _____ Signed _____ (Authorized Inspector) Commissions _____ (National Board Authorized Inspector Commission number)

CERTIFICATE OF FIELD ASSEMBLY COMPLIANCE

We certify that the field assembly construction of all parts of this plate heat exchanger conforms with the requirements of Section VIII, Division 2 of the ASME BOILER AND PRESSURE VESSEL CODE.

"U2" Certificate of Authorization No. _____ expires _____

Date _____ Name _____ (Assembler) Signed _____ (Representative)

CERTIFICATE OF FIELD ASSEMBLY INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by _____ of _____

have compared the statements in this Manufacturer's Data Report with the described plate heat exchanger 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 constructed and assembled this pressure vessel in accordance with the ASME Code, Section VIII, Division 2.

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

By signing this certificate neither the Inspector nor the Inspector's employer makes any warranty, expressed or implied, concerning the plate heat exchanger described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor the Inspector's employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date _____ Signed _____ (Authorized Inspector) Commissions _____ (National Board Authorized Inspector Commission number)