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

As Required by the Provisions of the ASME Boiler and Pressure Vessel Code Rules, Section VIII, Division 1

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.)

5. ASME Code, Section VIII, Div. 1 _____ [Edition (year)] _____ (Code Case no.) _____ [Special service per UG-120(d)] _____ (Year built) _____ (National Board 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* or *no* and the component(s) impact tested]

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 safety valve 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. Manufacturer's Partial Data Reports properly identifying and signed by Commissioned Inspectors have been furnished for the following items of the report (list the name of the part, item number, and Manufacturer's name and identifying number):

15. Remarks:

FORM U-1P

Manufactured by _____

Manufacturer's Serial No. _____ CRN _____ National Board 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 and frame heat exchanger conform to the ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1.

U Certificate of Authorization number _____ Expires _____

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

CERTIFICATE OF SHOP INSPECTION

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 and frame 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 and frame heat exchanger in accordance with ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. By signing this certificate neither the Inspector nor the Inspector's employer makes any warranty, expressed or implied, concerning the plate and frame 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 statements in this report are correct and that the field assembly construction of all parts of this vessel conforms with the requirements of ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1.

U Certificate of Authorization number _____ 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 and frame 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 to the best of my knowledge and belief, the Manufacturer has constructed this plate and frame heat exchanger in accordance with the ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. By signing this certificate neither the Inspector nor the Inspector's employer makes any warranty, expressed or implied, concerning the plate and frame 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)