

**FORM U-1P MANUFACTURER'S DATA REPORT FOR PLATE HEAT EXCHANGERS** Page \_\_\_\_ of \_\_\_\_  
**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) \_\_\_\_\_ (b) \_\_\_\_\_ (c) \_\_\_\_\_  
 (Fixed material) (Movable material) (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) (Maximum plate count for frame assembly)  
 \_\_\_\_\_  
 (Quantity of plates at shipment) (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 \_\_\_\_\_ Legs Feet \_\_\_\_\_ Others \_\_\_\_\_ Attached \_\_\_\_\_  
 (Quantity) (Quantity) (Describe) (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:

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 his/her 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 his/her 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 his/her 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 his/her 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)