

**FORM P-2A MANUFACTURER'S DATA REPORT FOR ALL TYPES OF ELECTRIC BOILERS**  
**As Required by the Provisions of the ASME Code Rules, Section I**

Page \_\_\_\_ of \_\_\_\_

**PART I — To Be Completed by the Manufacturer of the Boiler Pressure Vessel**

1. Manufactured by \_\_\_\_\_  
(Name and address of manufacturer of boiler pressure vessel)

2. Manufactured for \_\_\_\_\_  
(Name and address of purchaser)

3. Location of Installation \_\_\_\_\_  
(Name and address)

4. Type \_\_\_\_\_ Boiler No. \_\_\_\_\_ Year Built \_\_\_\_\_  
(resistance element, electrode) (Mfr's. Serial No.) (CRN)  
(Drawing No.) (Nat'l. Brd. No.)

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 conforms to Section I of the ASME BOILER AND PRESSURE VESSEL CODE \_\_\_\_\_, Addenda to \_\_\_\_\_ (if applicable), and Code Cases \_\_\_\_\_ (Year) \_\_\_\_\_, \_\_\_\_\_ (Date) \_\_\_\_\_ (Numbers) \_\_\_\_\_.

Manufacturer's Partial Data Reports properly identified and signed by Commissioned inspectors are attached for the following items of this report:

\_\_\_\_\_  
(Name of part, item number, mfr's. name, and identifying Designator)

6. Shells or drums \_\_\_\_\_  
(no.) (mat'l. spec. gr.) (thickness) [diameter (ID)] (length, inside) [diameter (ID)] (length, inside)

7. Joints \_\_\_\_\_  
[long (seamless, welded)] [efficiency (as compared with seamless)] [girth (seamless, welded)] (no. of shell courses)

8. Heads \_\_\_\_\_  
(Mat'l. Spec. No.: thickness — flat, dished, ellipsoidal — radius of dish)

9. Other Parts. 1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_  
Brief description — i.e., dome, boiler piping, etc.)

1. \_\_\_\_\_  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_  
(Mat'l. Spec., Gr., size, material thickness, MAWP)

10. Openings: (a) Steam \_\_\_\_\_ (b) Pressure Relief Valve \_\_\_\_\_  
(No., size, and type) (No., size, and type)

(c) Blowoff \_\_\_\_\_ (d) Feed \_\_\_\_\_  
(No., size, and type) (No., size, type, and location)

(e) Manholes: No. \_\_\_\_\_ Size \_\_\_\_\_ Location \_\_\_\_\_

(f) Handholes: No. \_\_\_\_\_ Size \_\_\_\_\_ Location \_\_\_\_\_

(g) Elements/Electrodes: No. \_\_\_\_\_ Size \_\_\_\_\_ Location \_\_\_\_\_

11. Boiler Supports: No. \_\_\_\_\_ Type \_\_\_\_\_  
(saddles, legs, or lugs)

Attachment \_\_\_\_\_  
(bolted or welded)

12. MAWP \_\_\_\_\_ Based on \_\_\_\_\_  
(Code para. and/or formula)

13. Shop Hydrostatic Test \_\_\_\_\_ 14. Maximum Designed Steaming Capacity \_\_\_\_\_

15. Remarks \_\_\_\_\_

**CERTIFICATE OF COMPLIANCE OF BOILER PRESSURE VESSEL**

We certify that this boiler pressure vessel meets the requirements of Section I of the ASME Boiler and Pressure Vessel Code.

Our Certificate of Authorization No. \_\_\_\_\_ to use the (S) or (M) \_\_\_\_\_

Designator expires \_\_\_\_\_

Date \_\_\_\_\_ Signed \_\_\_\_\_ Name \_\_\_\_\_

(Authorized Representative)

(Mfr. of boiler pressure vessel)

**FORM P-2A**

Manufactured by \_\_\_\_\_ Page \_\_\_\_ of \_\_\_\_

Mfr's. Serial No. \_\_\_\_\_ CRN \_\_\_\_\_ National Board No. \_\_\_\_\_

**CERTIFICATE OF SHOP INSPECTION OF BOILER PRESSURE VESSEL**

Boiler pressure vessel made by \_\_\_\_\_ at \_\_\_\_\_  
 I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by \_\_\_\_\_

\_\_\_\_\_ have inspected parts of this boiler pressure vessel referred to as data items \_\_\_\_\_  
 and have examined Manufacturer's Partial Data Reports for items \_\_\_\_\_  
 and state that, to the best of my knowledge and belief, the manufacturer has constructed this boiler pressure vessel in accordance with the applicable sections of the ASME BOILER AND PRESSURE VESSEL CODE.

By signing this certificate, neither the Inspector nor the Inspector's employer makes any warranty, expressed or implied, concerning the boiler pressure vessel 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 \_\_\_\_\_  
 \_\_\_\_\_ Commission \_\_\_\_\_  
 (Authorized Inspector) [National Board Authorized Inspector Commission Number]

Part II—To Be Completed by the Manufacturer Responsible for the Completed Boiler  
 16.

Item	Piping				Valves			
	Size	Sch.	Spec.	Bolted, Threaded, or Welded	Size	Type	Rating	No.
(a) Steam Pipe								
(b) Feed Water					Stop			
Feed Water					Check			
(c) Blowoff								

17. Pressure Relief Valve(s) No. \_\_\_\_\_ Size \_\_\_\_\_ Set Press \_\_\_\_\_ Total Capacity \_\_\_\_\_  
 18. Heating Elements Installed: Quantity \_\_\_\_\_ Total Power Input \_\_\_\_\_  
 19. Electrodes: Quantity \_\_\_\_\_ Total Power Input \_\_\_\_\_  
 20. Hydrostatic Test of Completed Boiler \_\_\_\_\_ MAWP of completed boiler \_\_\_\_\_  
 21. Serial No. Assigned by Manufacturer Responsible for Completed Boiler \_\_\_\_\_

**CERTIFICATE OF COMPLIANCE OF COMPLETED BOILER**

We certify that this completed boiler conforms with the requirements of Section I of the ASME BOILER AND PRESSURE VESSEL CODE.  
 Our Certificate of Authorization No. \_\_\_\_\_ to use the (S), (M), or (E) \_\_\_\_\_  
 Designator expires \_\_\_\_\_  
 Date \_\_\_\_\_ Signed \_\_\_\_\_ By \_\_\_\_\_  
 (Check one)  Authorized Representative  Certified Individual (Assembler)

**CERTIFICATE OF SHOP INSPECTION OF COMPLETED BOILER**

Boiler 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 \_\_\_\_\_ and have inspected the completed boiler and have examined Manufacturer's Partial Data Reports for \_\_\_\_\_  
 and state that, to the best of my knowledge and belief, the Manufacturer has constructed this boiler in accordance with the applicable sections of the ASME BOILER AND PRESSURE VESSEL CODE.

By signing this certificate, neither the Inspector nor the Inspector's employer makes any warranty, expressed or implied, concerning the boiler 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 \_\_\_\_\_  
 \_\_\_\_\_ Commission \_\_\_\_\_  
 (Authorized Inspector) [National Board Authorized Inspector Commission Number]

**FORM P-2A**

Manufactured by \_\_\_\_\_ Page \_\_\_\_ of \_\_\_\_

Mfr's. Serial No. \_\_\_\_\_ CRN \_\_\_\_\_ National Board No. \_\_\_\_\_

**CERTIFICATE OF FIELD ASSEMBLY COMPLIANCE OF THE COMPLETED BOILER**

We certify that the field assembly of the completed electric boiler identified on this form conforms to the requirements of Section I of the ASME BOILER AND PRESSURE VESSEL CODE.

Our Certificate of Authorization No. \_\_\_\_\_ to use the (S) or (E) \_\_\_\_\_ Designator expires \_\_\_\_\_.

Date \_\_\_\_\_ Signed \_\_\_\_\_ Name \_\_\_\_\_

Check one  Authorized Representative  Certified Individual (Assembler)

**CERTIFICATE OF FIELD ASSEMBLY INSPECTION BY ASSEMBLER OF THE COMPLETED BOILER**

BOILER FIELD ASSEMBLED BY \_\_\_\_\_ at \_\_\_\_\_

I, the undersigned, as an authorized Certified Individual representing and employed by \_\_\_\_\_ have examined this Manufacturer's Data Report (including any Manufacturer's partial data reports) and have compared the documentation with the described field assembled electric boiler. The completed field assembled boiler was inspected by me and subjected to a hydrostatic test of \_\_\_\_\_ psi. To the best of my knowledge and belief I state that the electric boiler identified in this report has been constructed, assembled, inspected, and tested by the Assembler in accordance with the applicable section(s) of the ASME BOILER AND PRESSURE VESSEL CODE.

Date \_\_\_\_\_ Signed \_\_\_\_\_ Assembler \_\_\_\_\_

(Certified Individual)

**CERTIFICATE OF FIELD ASSEMBLY INSPECTION BY AN AUTHORIZED INSPECTOR OF THE COMPLETED BOILER**

BOILER FIELD ASSEMBLED 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 completed field assembled electric boiler, have examined the Manufacturer's Partial Data Reports for \_\_\_\_\_ and state that, to the best of my knowledge and belief, the Assembler has constructed, assembled, and tested this boiler in accordance with the applicable section(s) of the ASME BOILER AND PRESSURE VESSEL CODE.

By signing this certificate, neither the Inspector nor the Inspector's employer makes any warranty, expressed or implied, concerning the boiler 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 \_\_\_\_\_ Commission \_\_\_\_\_

(Authorized Inspector)

[National Board Authorized Inspector Commission Number]