

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. _____
(resistance element, electrode) (Mfr's. Serial No.) (CRN)

(Drawing No.) (Nat'l. Brd. 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 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)

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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 his employer makes any warranty, expressed or implied, concerning the boiler pressure vessel described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his 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 his employer makes any warranty, expressed or implied, concerning the boiler described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his 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]

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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 _____
(Assembler)

Check one ☐ Authorized Representative ☐ Certified Individual

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 his employer makes any warranty, expressed or implied, concerning the boiler described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his 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]