|  |  |  |  |
| --- | --- | --- | --- |
| Mfr. Representative: |       | Date: |       |
| Authorized Inspector: |       | Date: |       |
|  |
| **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) |
| 1. Manufactured for
 |       |
|  | (Name and address of purchaser) |
| 1. Location of Installation
 |       |
|  | (Name and address) |
| 1. Type
 |       | Boiler No. |       |  |       |
|  | (resistance element, electrode) |  | (Mfr´s. Serial No.) |  | (CRN) |
|       |  |       | Year Built |       |
| (Drawing No.) |  | (Nat´l. Brd. No.) |  |  |
| 1. 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 |       | , |
|  | (Year) |  |
| Addenda to |       | (if applicable), and Code Cases |       | . |
|  | (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) |
| 1. Shell or drums
 |       |  |       |  |       |  |       |  |       |  |       |  |       |
|  | (no.) | (mat’l. spec. gr.) | (thickness) | [diameter (ID)] | (length, inside) | [diameter (ID)] |  | (length, inside) |
| 1. Joints
 |       |  |       |  |       |  |       |
|  | [long (seamless, welded)] | [efficiency (as compared with seamless)] | [girth (seamless, welded)] | (no. of shell courses) |
| 1. Heads
 |       |
|  | (Mat´l. Spec. No.: thickness — flat, dished, ellipsoidal — radius of dish) |
| 1. Other Parts. 1.
 |       | 2. |       | 3. |       |
|  |  |  | (Brief description — i.e., dome, boiler piping, etc.) |  |  |
|  | 1. |       |
|  |  |
|  | 2. |       |
|  |  |
|  | 3. |       |
|  | (Mat´l. Spec., Gr., size, material thickness, MAWP) |
| 1. 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 |       |
|  |
| 1. Boiler Supports: No.
 |       | Type |       |
|  |  |  | (saddles, legs or lugs) |
| Attachment |       |  |
|  | (bolted or welded) |  |
| 1. MAWP
 |       | Based on |       |
|  |  |  | (Code para. and/or formula) |
| 1. Shop Hydorstatic Test
 |       |  | 1. Maximum Designed Steaming Capacity
 |       |
|  |  |  |  |  |
| 1. Remarks
 |       |
|       |
|       |
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| **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) |
|  |
| (07/17) |
|  |

|  |  |  |  |
| --- | --- | --- | --- |
| Mfr. Representative: |       | Date: |       |
| Authorized Inspector: |       | Date: |       |
|  |
| **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 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 the 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. |
| 1. Steam Pipe
 |       |       |       |       |       |       |       |       |
| 1. Feed Water
 |       |       |       |       | Stop |       |       |       |
| Feed Water |       |       |       |       | Check |       |       |       |
| 1. Blowoff
 |       |       |       |       |       |       |       |       |
|  |
| 1. Pressure Relief Valve(s) No.
 |       | Size |       | Set Press |       | Total Capacity |       |
| 1. Heating Elements Installed: Quantity
 |       | Total Power Input |       |
| 1. Electrodes: Quantity
 |       | Total Power Input |       |
| 1. Hydrostatic Test of Completed Boiler
 |       | MAWP of completed boiler |       |
| 1. Serial No. Assigned by Manufacturer Responsible for the Completed Boiler
 |       |
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| **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 | (Assembler) |
|  |  | [ ]  | Certified Individual |  |
|  |
|  |
| **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] |
|  |
| (07/17) |

|  |  |  |  |
| --- | --- | --- | --- |
| Mfr. Representative: |       | Date: |       |
| Authorized Inspector: |       | Date: |       |
|  |
| **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 |       |
|  |  |  |  |  | (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) |
|  |
|  |
|  |
|  |
| (07/17) |
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