|  |  |  |  |
| --- | --- | --- | --- |
| Mfr. Representative: |       | Date: |       |
| Authorized Inspector: |       | Date: |       |
|  |
| **FORM P-2 MANUFACTURER’S DATA REPORT FOR ALL TYPES OF BOILERS** |
| **EXCEPT WATERTUBE AND ELECTRIC** |
|  **As Required by the Provisions of the ASME Code Rules, Section I** | Page |       | of |       |
|  |  |  |  |  |
|  |
| 1. Manufactured by
 |       |
|  | (Name and address of manufacturer) |
| 1. Manufactured for
 |       |
|  | (Name and address of purchaser) |
| 1. Location of Installation
 |       |
|  | (Name and address) |
| 1. Type
 |       | Boiler No. |       |  |       |  |       |  |       | Year Built |       |
|  | (HRT, etc.) |  | (Mfr´s. Serial No.) | (CRN) | (Drawing Number) | (Nat´l Board 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 Certification Mark) |
|       |
|  |
| 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
 |       |
|  | (Material Specification No.: Thickness — Flat, Dished, Ellipsoidal — Radius of Dish) |
| 1. Tubesheet
 |       |  | Tube Holes |       |
|  | (Mat’l. Spec., Grade, Thickness) |  |  | (Diameter) |
| 1. Boiler Tubes: No.
 |       |  |       |  |       |
|  |  | (Mat’l. Spec., Grade) | (Straight or Bent) |
| Diameter |       | Length |       | Gage |       |  |
|  | (If various, give max. & min.) |  | (or thickness) |
| 1. Furnace No.
 |       | Size |       | Length, each section |       | Total |       |
|  |  |  | (O.D. or WxH) |  |  |  |  |
| Type |       |
|  | (Plain, Adamson, Ring Reinforced, Corrugated, Combined, or Stayed) |
|  |       | Seams: Type |       |
|  | (Mat’l. Spec., Grade, Thickness) |  | (Seamless, Welded) |
| 1. Staybolts: No.
 |       | Size |       |
|  |  |  | (Diameter, Mat’l. Spec., Grade, Size Telltale, Net Area) |
| Pitch |       | MAWP |       | psi. |  |
|  | (Horizontal and Vertical) |  |  |  |
| 1. Stays or braces
 |
|  |
| Location | MaterialSpec. No. | Type | No. and Size | Maximum Pitch | Fig. PFT-32L/I | Dist. TubesTo Shell | MAWP |
| (a) F.H. above tubes |       |       |       |       |       |       |       |
| (b) R.H. above tubes |       |       |       |       |       |       |       |
| (c) F.H. below tubes |       |       |       |       |       |       |       |
| (d) R.H. below tubes |       |       |       |       |       |       |       |
| (e) Through stays |       |       |       |       |       |       |       |
| (f) Dome braces |       |       |       |       |       |       |       |
|  |
| 1. Other Parts. 1.
 |       | 2. |       | 3. |       |
|  | (Brief Description­ – i.e., Dome, Boiler Piping, etc.) |  |  |
|  | 1. |       |
|  | 2. |       |
|  | 3. |       |
|  | (Mat´l. Spec., Grade, Size, Material Thickness, MAWP) |
| (07/15) |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Mfr. Representative: |       | Date: |       |  |
| Authorized Inspector: |       | Date: |       |  |
| Page |       | of |       |  |
|  |
| **FORM P-2**  |
|  |
| Manufactured by |       |  | Page: |       | of |       |
| Mfr’s. Serial No. |       | CRN |       | National Board No. |       |
|  |  |  |  |  |  |
|  |
| 1. Openings:
 | (a) Steam |       | (b) Pressure Relief Valve |       |
|  | (No., Size and Type) |  | (No., Size and Type) |
|  | (c) Blowoff |       | (d) Feed |       |
|  | (No., Size, Type, and Location) |  | (No., Size, Type, and Location) |
|  | (e) Manholes: No. |       | Size |       | Location |       |
|  |  |  |  |  |  |  |
|  | (f) Handholes: No. |       | Size |       | Location |       |
|  |
| 1. Fusible Plug (if used)
 |       |
|  | (No., Diameter, Location, and Mfr´s. Certification Mark) |
| 1. Boiler Supports: No.
 |       | Type |       | Attachment |       |
|  | (Saddles, Legs, or Lugs) |  | (Bolted or Welded) |
| 1. MAWP
 |       | Based On |       | Heating Surface |       |
|  |  |  | (Code Para. and/or Formula) |  | (Total) |
| 1. Shop Hydrostatic Test
 |       | 1. Maximum Designed Steaming Capacity
 |       |
|  |  |  |  |
| 1. Remarks
 |       |
|       |
|       |
|  |
| **CERTIFICATE OF SHOP COMPLIANCE** |
| We certify that the statements made in this data report are correct and that all details of design, material, construction, and workmanship of this |
| boiler conform to Section I of the ASME BOILER AND PRESSURE VESSEL CODE.  |
| Our Certificate of Authorization no. |       | to use the (S) |       | Designator expires |       |  |
|  |  |  |  |  |  |  |
| Date |       | Signed |       | Name |       |  |
|  |  |  | (Authorized Representative) |  | (Manufacturer) |  |
|  |
| **CERTIFICATE OF SHOP INSPECTION** |
| Boiler constructed 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 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 in accordance with Section I 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 |       | Commissions |       |  |
|  |  |  | (Authorized Inspector) |  | [National Board Authorized Inspector Commission Number] |
|  |
| **CERTIFICATE OF FIELD ASSEMBLY COMPLIANCE** |
| We certify that the field assembly construction of all parts of this boiler conforms with the requirements of the Section I of the ASME BOILER AND |
| PRESSURE VESSEL CODE. |
|  |
| Our Certificate of Authorization no.  |       | to use the (A) or (S) |       | Designator expires |       |  |
|  |
| Date |       | Signed |       | Name |       |
|  |  |  | (Authorized Representative) |  | (Assembler) |
|  |
| **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 |
|  |       |  |
| have compared statements in this Manufacturer’s Data Report with the described boiler andstate that the parts referred to as data items |
|  |       | , not included in the certificate of shop inspection, have been inspected by me and that, to the best of my knowledge and |
| belief, the manufacturer and/or the assembler has constructed and assembled this boiler in accordance with the applicable sections of the ASME |
| BOILER AND PRESSURE VESSEL CODE. The described boiler was inspected and subjected to a hydrostatic test of  |  | **.** |
| 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 |       | Commissions |       |
|  |  |  | (Authorizied Inspector) |  | [National Board Authorized Inspector Commission Number] |
| 07/17) |  |  |  |  |  |