

**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)
2. Manufactured for _____
(Name and address of purchaser)
3. Location of Installation _____
(Name and address)
4. Type _____ Boiler No. _____ Year Built _____
(HRT, etc.) (Mfr's. Serial No.) (CRN) (Drawing No.) (Nat'l Board 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 _____, (Year) _____, Addenda to _____ (Date) _____ (if applicable), and Code Cases _____ (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)

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 _____
(Material Specification No.: Thickness — Flat, Dished, Ellipsoidal — Radius of Dish)
9. Tubesheet _____ Tube Holes _____
(Mat'l. Spec., Grade, Thickness) (Diameter)
10. Boiler Tubes: No. _____
(Mat'l. Spec., Grade) (Straight or Bent)
Diameter _____ Length _____ Gage _____
(If various, give max. & min.) (or thickness)
11. 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)
12. Staybolts: No. _____ Size _____
(Diameter, Mat'l. Spec., Grade, Size Telltale, Net Area)
Pitch _____ MAWP _____ psi.
(Horizontal and Vertical)
13. Stays or braces

| Location | Material Spec. No. | Type | No. and Size | Maximum Pitch | Fig. PFT-32 L/I | Dist. Tubes to 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 | | | | | | | |

14. Other Parts. 1. _____ 2. _____ 3. _____
(Brief Description — i.e., Dome, Boiler Piping, etc.)
1. _____
2. _____
3. _____
(Mat'l. Spec., Grade, Size, Material Thickness, MAWP)

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Manufactured by _____ Page ____ of ____

Mfr's. Serial No. _____ CRN _____ National Board No. _____

15. Openings: (a) Steam _____ (No., Size, and Type) (b) Pressure Relief Valve _____ (No., Size, and Type)
(c) Blowoff _____ (No., Size, Type, and Location) (d) Feed _____ (No., Size, Type, and Location)
(e) Manholes: No. _____ Size _____ Location _____
(f) Handholes: No. _____ Size _____ Location _____

16. Fusible Plug (if used) _____ (No., Diameter, Location, and Mfr's. Certification Mark)

17. Boiler Supports: No. _____ Type _____ Attachment _____ (Saddles, Legs, or Lugs) (Bolted or Welded)

18. MAWP _____ Based On _____ Heating Surface _____ (Code Para. and/or Formula) (Total)

19. Shop Hydrostatic Test _____ 20. Maximum Designed Steaming Capacity _____

21. 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 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]

CERTIFICATE OF FIELD ASSEMBLY COMPLIANCE

We certify that the field assembly construction of all parts of this boiler conforms with the requirements of 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 and state 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 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]