

**FORM H-2 MANUFACTURER'S DATA REPORT FOR ALL TYPES OF BOILERS** Page \_\_\_\_\_ of \_\_\_\_\_  
**EXCEPT WATERTUBE AND THOSE MADE OF CAST IRON**  
**As Required by the Provisions of the ASME Code Rules, Section IV**

1. Manufactured and certified by \_\_\_\_\_  
(name and address of manufacturer)
2. Manufactured for \_\_\_\_\_  
(name and address of purchaser)
3. Location of installation \_\_\_\_\_  
(name and address)
4. Unit identification \_\_\_\_\_  
(complete boiler, superheater, waterwall, economizer, etc.) (manufacturer's serial no.) (CRN) (drawing no.) (National Bd. 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 ASME Code, Section IV, \_\_\_\_\_  
(year) [addenda (as applicable)(date)] (Code Case no.)

Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of this report

\_\_\_\_\_ (name of part, item number, manufacturer's name, and identifying stamp)

6. Shells or drums \_\_\_\_\_  
(no.) (material spec., gr.) (thickness) (inside diameter) [length (overall)] (inside diameter) [length (overall)]
7. Joints \_\_\_\_\_  
[long. (seamless, welded)] [eff. (compared to seamless)] [girth (seamless, welded)] (no. of shell courses)
8. Tubesheet \_\_\_\_\_ Tube holes \_\_\_\_\_  
(material spec., grade) (thickness) (number and diameter)
9. Tubes: No. \_\_\_\_\_ Diameter \_\_\_\_\_ Length \_\_\_\_\_ Gauge \_\_\_\_\_  
(material spec., grade) (straight or bent) (if various, give max. and min.) (or thickness)
10. Heads \_\_\_\_\_  
(material spec. no.) (thickness) (flat, dished, ellipsoidal) (radius of dish)
11. Furnace \_\_\_\_\_ Seams \_\_\_\_\_  
(material spec., gr.) (thickness) (no.) [size (O.D. or W x H)] [length (each section)] (total) [type (plain, corrugated, etc.)] [type (seamless, welded)]
12. Staybolts \_\_\_\_\_  
(no.) [size (diameter)] (material spec., gr.) (size) (telltale) (net area) [pitch (horizontal and vertical)] (MAWP)
13. Stays or braces:

Location	Material Spec.	Type	Number and Size	Pitch	Total Net Area	Fig. HG-343 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								

14. Other parts: 1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_  
(brief description, i.e., dome, boiler piping)
1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_  
(material spec., grade, size, material thickness, MAWP)

15. Nozzles, inspection, and pressure relief valve openings:

Purpose (inlet, outlet, drain, etc.)	No.	Diameter or Size	Type	How Attached	Material	Nominal Thickness	Reinforcement Material	Location
Handhole					NA		NA	
Manhole								

Manufactured by \_\_\_\_\_

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

16. Boiler supports \_\_\_\_\_  
(no.) [type (saddles, legs, lugs)] [attachment (bolted or welded)]17. MAWP \_\_\_\_\_ Based on \_\_\_\_\_ Heating surface \_\_\_\_\_ Shop hydro. test \_\_\_\_\_  
(Code par. and/or formula) (total) (complete boiler)

18. Maximum water temperature \_\_\_\_\_

19. 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 IV of the ASME BOILER AND PRESSURE VESSEL CODE.

"H" Certificate of Authorization no. \_\_\_\_\_ expires \_\_\_\_\_, \_\_\_\_\_.

Date \_\_\_\_\_ Signed \_\_\_\_\_ Name \_\_\_\_\_  
(by representative) (manufacturer that constructed and certified boiler)

**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 Manufacturers' 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 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 \_\_\_\_\_ 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 IV of the ASME BOILER AND PRESSURE VESSEL CODE.

"H" Certificate of Authorization no. \_\_\_\_\_ expires \_\_\_\_\_, \_\_\_\_\_.

Date \_\_\_\_\_ Signed \_\_\_\_\_ Name \_\_\_\_\_  
(by representative) (assembler that certified and constructed field assembly)

**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 the 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 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)