

**FORM H-2 MANUFACTURER'S DATA REPORT FOR ALL TYPES OF BOILERS
EXCEPT WATERTUBE AND THOSE MADE OF CAST IRON OR CAST ALUMINUM**
As Required by the Provisions of the ASME Code Rules, Section IV
MANUFACTURER'S MASTER DATA REPORT (check one) YES NO Page _____ of _____

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, 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 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 the applicable sections 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 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 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)