

MANUFACTURER'S DATA REPORT FOR ALL TYPES OF BOILERS

1. Manufactured by: \_\_\_\_\_  
(Name and address of manufacturer)
2. Manufactured for: \_\_\_\_\_  
(Name and address of purchaser)
3. Type of boiler: Manufactured by: \_\_\_\_\_  
(H.F.T., V.F.T., LCCO., W.T., Superbeater, Waterwall, Economizer, etc.)  
Boiler DL (RP) No. \_\_\_\_\_ Mfrs. Serial No. \_\_\_\_\_ Year Built \_\_\_\_\_
4. The Chemical and physical properties of all parts meet the requirements of material specifications of the ASME Boiler and Pressure Vessel Code. The design, construction, and workmanship conform to ASME Rules, Section \_\_\_\_\_ (I, III, IV, or V).

Remarks: Manufacturer's Data Record properly identified and signed by Boiler Safety Engineer, have been furnished for the following items of this report: \_\_\_\_\_

\_\_\_\_\_  
(Name of Parts - Item number, manufacturer's name, and identifying stamp)  
\_\_\_\_\_  
\_\_\_\_\_

We certify that the statement in this data report to be correct.

Date \_\_\_\_\_, 19 \_\_\_\_\_

Name and Signature \_\_\_\_\_  
(Manufacturer)

Name, Signature  
& Seal \_\_\_\_\_

Professional Mech. Engineer  
Registration No. \_\_\_\_\_  
License No. \_\_\_\_\_

5. Boiler Shells or Drums:
  - (a) Number of shells or drums \_\_\_\_\_
  - (b) Diameter: Shell \_\_\_\_\_ ft. \_\_\_\_\_ in.  
(For F.T. Boilers)                      Steam Drum: \_\_\_\_\_ ft. \_\_\_\_\_ in.  
(For W.T. Boilers)                      (For W.T. Boilers)  
Water Drum: \_\_\_\_\_ ft. \_\_\_\_\_ in.  
(For W.T. Boilers)                      Mud Drum: \_\_\_\_\_ ft. \_\_\_\_\_ in.  
(For W.T. Boilers)                      (For W.T. Boilers)
  - (c) Length: Shell \_\_\_\_\_ ft. \_\_\_\_\_ in.  
(For F.T. Boilers)                      Steam Drum: \_\_\_\_\_ ft. \_\_\_\_\_ in.  
(For W.T. Boilers)                      (For W.T. Boilers)  
Water Drum: \_\_\_\_\_ ft. \_\_\_\_\_ in.  
(For W.T. Boilers)                      Mud Drum: \_\_\_\_\_ ft. \_\_\_\_\_ in.  
(For W.T. Boilers)                      (For W.T. Boilers)
6. Shell Plates \_\_\_\_\_  
(For each drum state: Steel Mfrs. Brand; Material Spec. & Thickness)
7. (a) Longitudinal Joints \_\_\_\_\_  
(Seamless, fusion or Forged welded, Riveted-lap or Butt-Single, Double, Triple or Quadruple)
  - (b) Rivets \_\_\_\_\_ Rivet Holes \_\_\_\_\_ Eff. Of Longitudinal Jt. \_\_\_\_\_  
(Diameter & Material Spec.)                      (Diameter & Pitch)                      (As compared to shell plates)
8. (a) Tubesheet \_\_\_\_\_ Reinforcements \_\_\_\_\_  
(Brand; Mat. Spec. No.; Thickness)                      (No. & Thickness of Straps)  
Rivets \_\_\_\_\_  
(No. of rows, Mat. Spec. No.; Hole Diam. And Pitch)
- (c) Tube Holes \_\_\_\_\_ Pitch \_\_\_\_\_ Eff. Of Tube Lig. \_\_\_\_\_

9. Girth Joints \_\_\_\_\_ Rivets Holes \_\_\_\_\_  
 (Seamless, Fusion or forged Welded, Riveted-Lap or Butt) (No. of rows – Diam. & Pitch)

No. of courses: \_\_\_\_\_

10. Heads \_\_\_\_\_  
 (Brand; Mat. Spec. No.; Thickness-flat, Dished; Ellipsodal-Radius of Dish-State if either head has manhole)

11. Boiler Tubes: No. \_\_\_\_\_ Diam. \_\_\_\_\_ Length \_\_\_\_\_ Gage: \_\_\_\_\_  
 (Mat. Spec. No. – Straight or Bend) (If various, give (Thickness) Max. & Min. Length)

12. Headers: No. \_\_\_\_\_ Heads or Ends \_\_\_\_\_  
 (Box or sinuous; Mat. Spec. No.; Thickness) (Shape, Mat. Spec. No.; Thickness)

Hydro-test \_\_\_\_\_ lb. Date Tested \_\_\_\_\_

13. Mud Drum \_\_\_\_\_ Heads of Ends \_\_\_\_\_  
 (Shape, Size; Mat. Spec. No.; Thickness) (Shape, Mat. Spec. No.; Thickness)

Hydro-test \_\_\_\_\_ lb. Date Tested \_\_\_\_\_

14. (a) Waterwalls: Headers No. \_\_\_\_\_ Heads or Ends \_\_\_\_\_  
 (Shape, Size; Mat. Spec. No.; Thickness) (Shape, Size, Mat. Spec. No.; Thickness)

Hydro test \_\_\_\_\_ lb. Date Tested \_\_\_\_\_ Waterwalls H.S. \_\_\_\_\_  
 (Sq. Ft.)

15. (a) Superheaters: Headers No. \_\_\_\_\_ Heads or Ends \_\_\_\_\_  
 (Shape, Size; Mat. Spec. No.; Thickness) (Shape, Size, Mat. Spec. No.; Thickness)

Hydro test \_\_\_\_\_ lb. Date Tested \_\_\_\_\_ Superheater H.S. \_\_\_\_\_  
 (Sq. Ft.)

(b) Tube Holes \_\_\_\_\_ Tubes \_\_\_\_\_ Gage \_\_\_\_\_  
 (Diam. & Pitch) (Diam. Length; Mat. Spec. No. or Thickness)

16.

Stays & Braces	Materials Spec. No.	Type	No.	Welded or Weldless	Total Net Area	Dist. Tubes to Shell	Area to be Stayed	Max. SWP
F.H. above tubes								
R.H. above tubes								
F.H. below tubes								
R.H. below tubes								
Through below tubes								
Dome braces								

17. Stay bolts \_\_\_\_\_ Pitch \_\_\_\_\_ Max. S.W.P. \_\_\_\_\_  
 (Mat. Spec. No.; Size Telltale; Net Area) Hor. & Vert.

18. (a) Dome: Diam. \_\_\_\_\_ long Seam \_\_\_\_\_  
 (Mat. Spec. No.; Thickness) (Seamless, Fusion or forge weld; Riveted-Lap or butt-single, double, triple or quadruple)

(b) Opening in shell \_\_\_\_\_ Head \_\_\_\_\_  
 (Diam. Area of Reing. & Riveting) (Shape; radius of dish; mat. Spec. no.; thickness)

19. (a) Furnace: No. \_\_\_\_\_ Size \_\_\_\_\_ Length, each section \_\_\_\_\_ in.  
 (Int. Diam. Or LxWxH)

Total: \_\_\_\_\_ in. Type \_\_\_\_\_  
 (Plain, Adamson, or Corr.) (Brand, Mat. Spec. No., Thickness)

(b) Seams: Type \_\_\_\_\_ Location \_\_\_\_\_  
 (Seamless, Fusion or Forge W., Riveted Lap or Butt) (Seam)

20. Openings: (a) Seam \_\_\_\_\_  
 (No., Size and type of nozzles or outlets)

(b) Safety Valve \_\_\_\_\_  
 (No., Size and type of nozzles or outlets)

(c) Blowoff \_\_\_\_\_  
 (No., Size and location of outlets)

(d) Feed \_\_\_\_\_  
(No., Size and type Locations of Connection)

(e) Manholes: No. \_\_\_\_\_ Size \_\_\_\_\_ Location \_\_\_\_\_  
(How reinforced)

(f) Handholes: No. \_\_\_\_\_ Size \_\_\_\_\_ Location \_\_\_\_\_  
(No., Diam, Location, Mfrs., Stamp) (How reinforced)

21. Fusible Plug (if used) \_\_\_\_\_ Boiler Supports: No. \_\_\_\_\_  
(Indicate weakest part) (Hanger or lugs; Riveted or Welded)

22. Fusion Welding complies with Paragraphs: \_\_\_\_\_ (Total) \_\_\_\_\_

23. Bursting Pressure \_\_\_\_\_ psi. Max. S.W.P. \_\_\_\_\_ F.S. \_\_\_\_\_ H.S. \_\_\_\_\_ sq. ft.

24. Hydrostatic Test: (a) \_\_\_\_\_ lb (b) \_\_\_\_\_ (c) \_\_\_\_\_ lb.  
(Welded Drums) (Riveted Drums) (Completed boiler)