

**FORM P-4 MANUFACTURER'S PARTIAL DATA REPORT**  
**As Required by the Provisions of the ASME Code Rules, Section I**

P-4 ID No. \_\_\_\_\_

Page \_\_\_\_ of \_\_\_\_

1. Manufactured by \_\_\_\_\_  
(Name and address of manufacturer)

2. Manufactured for \_\_\_\_\_  
(Name and address of purchaser)

3. Identification of Part(s)

Name of Part	Quantity	Line No.	Mfr's. Identifying Numbers	Manufacturer's Drawing No.	CRN	National Board 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 (as indicated on line 14, Remarks) conforms to ASME Rules, Section I of ASME BOILER ANDPRESSURE VESSEL CODE.

\_\_\_\_\_, Addenda to \_\_\_\_\_ (if applicable), and Code Cases \_\_\_\_\_  
(Year) (Date) (Numbers)

6(a). Drums

No.	Inside Diameter	Inside Length	Shell Plates			Tubesheets		Tube Hole Ligament Efficiency, %	
			Material Spec. No., Grade	Thickness	Inside Radius	Thickness	Inside Radius	Longitudinal	Circumferential
1									
2									
3									
4									

No.	Longitudinal Joints		Circum. Joints		Heads					Hydrostatic Test
	No. & Type*	Efficiency	No. & Type	Efficiency	Material Spec. No., Grade	Thickness	Type**	Radius of Dish	Manholes No. Size	
1										
2										
3										
4										

\*Indicate if (1) Seamless; (2) Fusion welded.

\*\*Indicate if (1) Flat; (2) Dished; (3) Ellipsoidal; (4) Hemispherical.

6(b). Boiler Tubes

Diameter	Thickness	Material Spec. No., Grade

6(c). Headers No. \_\_\_\_\_ or \_\_\_\_\_  
(Box or sinuous or round; Material spec. no.; Thickness)

Heads or Ends \_\_\_\_\_ Hydro. Test \_\_\_\_\_  
(Shape; Material spec. no.; Thickness)

6(d). Staybolts \_\_\_\_\_  
(Material spec. no.; Diameter; Size telltale; Net area)

Pitch \_\_\_\_\_ Net Area \_\_\_\_\_ MAWP \_\_\_\_\_  
(Horizontal and vertical) (Supported by one bolt)

6(e). Mud Drum \_\_\_\_\_ or \_\_\_\_\_ Heads or Ends \_\_\_\_\_ Hydro Test, psi \_\_\_\_\_  
(For sect. header boilers, state: Size; Shape; Mat'l. spec. no.; Thickness) (Shape; Material spec. no.; Thickness)

7(a). Waterwall Headers

7(b). Waterwall Tubes

No.	Size and Shape	Material Spec. No.	Thickness	Heads or Ends			Hydro. Test	Diameter	Thickness	Material Spec. No.
				Shape	Thickness	Material Spec. No.				

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8(a). Economizer Headers				Heads or Ends			8(b). Economizer Tubes			
No.	Size and Shape	Material Spec. No.	Thickness	Shape	Thickness	Material Spec. No.	Hydro. Test	Diameter	Thickness	Material Spec. No.

9(a). Superheater Headers						9(b). Superheater Tubes				
No.	Size and Shape	Material Spec. No.	Thickness	Shape	Thickness	Material Spec. No.	Hydro. Test	Diameter	Thickness	Material Spec. No.

10(a). Other Parts (1) _____ (2) _____ (3) _____						10(b). Tubes for Other Parts				
No.	Size and Shape	Material Spec. No.	Thickness	Shape	Thickness	Material Spec. No.	Hydro. Test	Diameter	Thickness	Material Spec. No.
1										
2										
3										

11. Openings (1) Steam \_\_\_\_\_ (2) Pressure Relief Valve \_\_\_\_\_  
(No., size, and type of nozzles or outlets) (No., size, and type of nozzles or outlets)

(3) Blowoff \_\_\_\_\_ (4) Feed \_\_\_\_\_  
(No., size, and type of nozzles or outlets) (No., size, type, and location of connections)

12.		Maximum Allowable Working Pressure	Code Para. and/or Formula on Which MAWP Is Based	Hydro. Test	Heating Surface
a	Boiler				} Heating surface to be stamped on drum heads.
b	Waterwall				
c	Economizer				} This heating surface not to be used for determining minimum pressure relief valve capacity.
d	Superheater				
e	Other Parts				

14. Remarks

**CERTIFICATE OF COMPLIANCE**

We certify the statements made in this Manufacturer's Partial Data Report to be correct and that all details of design (as indicated on line 14, Remarks), material, construction, and workmanship of this boiler part conform to Section I of the ASME BOILER AND PRESSURE VESSEL CODE.

Our Certificate of Authorization No. \_\_\_\_\_ to use the (PP), (PRT), or (S) \_\_\_\_\_ Designator expires \_\_\_\_\_.

Date \_\_\_\_\_ Signed \_\_\_\_\_ Name \_\_\_\_\_  
(Authorized Representative) (Manufacturer)

**CERTIFICATE OF INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by \_\_\_\_\_

\_\_\_\_\_ have inspected the part of the boiler described in this Manufacturer's Partial Data Report on \_\_\_\_\_, and state that, to the best of my knowledge and belief, the Manufacturer has constructed this part 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 part described in this Manufacturer's Partial 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]