FORM P-4 MANUFACTURER'S PARTIAL DATA REPORT P-4 ID No. _____

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. 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.

_____ (Year), Addenda to _____ (Date) (if applicable), and Code Cases _____ (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	Longitu-dinal	Circum-ferential
1									
2									
3									
4									

No.	Longitudinal Joints		Circum. Joints		Heads						Hydrostatic Test
	No. & Type*	Effi-ciency	No. & Type	Effi-ciency	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.				

(07/17)

FORM P-4

P-4 ID No. _____

Manufactured by _____ Page____ of ____

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.
			or							

9(a). Superheater Headers 9(b). Superheater Tubes

10(a). Other Parts (1)_____ (2)_____ (3) _____ 10(b). Tubes for Other Parts

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. Fabricated Piping

(a) Identification _____
(Main steam, boiler feed, blow-off, or other service piping—state which)

(b) Design Conditions of Piping _____ _____
(Pressure) (Temperature)

(c) Description of Piping (include material identifications by ASME specification or other recognized Code designation)

(d) Shop Hydrostatic Test _____

13.

		Maximum Allowable Working Pressure	Code Para. and/or Formula on Which MAWP Is Based	Hydro. Test	Heating Surface
a	Boiler				
b	Waterwall				
c	Economizer				
d	Superheater				
e	Other Parts				
f	BEP				

Heating surface to be stamped on drum heads.

This heating surface not to be used for determining minimum pressure relief valve capacity.

14. Remarks

FORM P-4

P-4 ID No. _____

Manufactured by _____ Page____ of ____

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 I), 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 the Inspector's employer makes any warranty, expressed or implied, concerning the part described in this Manufacturer's Partial 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]

(07/23)