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FORM H-4 MANUFACTURER'S PARTIAL DATA REPORT As Required by the Provisions of the ASME Code Rules (Attach to the Applicable Data Report, Section IV)

6. (b) Boiler tubes: Diameter Thickness Spec. No. Grade No. Attached Heads or ends (shape, material spec. no., thickness)																
2. Manufactured for	1. Ma	ınufactur	ed and cert	ified by											H-4	4 ID#
4. Identification of part(s): Name of Part	2. Ma	ınufactur	ed for													
A Identification of part(s): Name of Part No. Serial No. Shell Plates Tube Sheets Tube Sheets Tube Sheets Tube Hole Ligament Efficiency, No. Material Spec. No. Grade Thickness Inside Radius Thickness Tube Sheets Tube Sheets Tube Hole Ligament Efficiency Thickness Inside Radius Thickness Tube Sheets Tube Sheets Tube Hole Ligament Efficiency Thickness Inside Radius Thickness Tube Hole Ligament Thickness Inside Radius Thickness Tube Hole Ligament Thickness Tube Hole Ligament Thickness Tube Hole Ligament Thickness Tu	3. Loc	cation of	installation	ı					nd addre	ess of purchas	er)					
Name of Part No. Marufacturer's Manufacturer's Drowing No. CRN National Bd. No. Year Built									ame and	d address)						
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, construction, and workmanship conform to ASME Code, Section IV, [year] [sidenda (se applicable)(date)] (Code Case no.) No. Diameter Inside Length Shall Plates Tube Sheets Tube Hole Ligament Efficiency, %			<u> </u>	Line	$\overline{}$								Τ			
VESSEL CODE. The design, construction, and workmanship conform to ASME Code, Section IV, (year) [addenda (as applicable)] [Code Case no.] 5. (a) Drums: No. Inside Inside Length Inside Length Material Spec. No. Grade Thickness Inside Radius Thickness Thickness	ı	vame of P	art	No.		Seria	al No.	Dra	wing N	10.		CKIN	Nati	ionai	Ba. No.	Built
VESSEL CODE. The design, construction, and workmanship conform to ASME Code, Section IV, (year) [addenda (as applicable)] [Code Case no.] 5. (a) Drums: No. Inside Inside Length Inside Length Material Spec. No. Grade Thickness Inside Radius Thickness Thickness																
VESSEL CODE. The design, construction, and workmanship conform to ASME Code, Section IV, (year) [addenda (as applicable)] [Code Case no.) 3. (a) Drums: No. Inside Inside Length Inside Length Material Spec. No. Grade Thickness Inside Radius Thickness Thickness																
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VESSEL CODE. The design, construction, and workmanship conform to ASME Code, Section IV, (year) [addende (as applicable)] [Code Case no.] 3. (a) Drums: No. Inside Inside Length Inside Length Material Spec. No. Grade Thickness Inside Radius Thickness Inside Radius Thickness Inside Radius Thickness Inside Radius Thickness Th	5 Th	- chemic	al and ph	vsical nron	erties of	all nar	ts meet the	requirem	ents	of materia	al er	necification	ns of the AS	ME	BOILER ∆I	ID PRESSURE
Solution State Shell Plates Tube Sheets Tube Hole Ligament Efficiency, %			•			•		•				on IV,				
No. Diameter Inside Length	6. (a)	Drums:										(40)	ar, tadaciida (из ирр	modble/(date/)	(code odse no.)
No. 2 Efficiency Material Spec. No. Grade Material Spec. No. Grade Thickness Inside Radius Inside Ra	No.			de Length			She	ell Plates				Tu	be Sheets			
No. Longitudinal Joints Joints Joints Heads Hydro-static Trype* ciency Type ciency Material Spec. No. Grade Thickness Type** Radius of Dish 1				_	Ma	terial Spe	c. No. Grade	Thick	ness	Inside Rac	dius	Thicknes	s Inside Rac	dius		
No. 2 Effi- Type ciency No. & Effi- Type ciency Material Spec. No. Grade Thickness Type** Radius of Dish Test of Dish Tiest Ciency Type ci																
No. Joints Joints Joints Joints Joints Hydrostatic Test										<u> </u>						
No. & Effi- Type* clency	No									Heads						
Indicate if (1) seamless, (2) fusion welded. **Indicate if (1) flat, (2) dished, (3) ellipsoidal, (4) hemispherical. **Indicate if (1) flat, (2) dished, (3) ellipsoidal, (4) hemispherical. 6. (c) Headers no	140.					Mat	erial Spec. No	. Grade		Thick	ness		Type			
**Indicate if (1) seamless, (2) fusion welded. **Indicate if (1) flat, (2) dished, (3) ellipsoidal, (4) hemispherical. 6. (b) Boiler tubes: Diameter Thickness Spec. No. Grade No. Attached Heads or ends (shape, material spec. no., thickness) (b) Staybolts (material spec. no. diameter, size telltale; net area) Pitch Net area (supported by one bolt) (for sect. header boilers, state size, shape, material spec. no., thickness) Waterwall headers: Heads or Ends Waterwall Tubes **Indicate if (1) flat, (2) dished, (3) ellipsoidal, (4) hemispherical. (box or sinuous or round, material spec. no., thickness) Hydro. test (shape, material spec. no. diameter, size telltale; net area) Pitch Net area (supported by one bolt) **Indicate if (1) flat, (2) dished, (3) ellipsoidal, (4) hemispherical. (box or sinuous or round, material spec. no., thickness) Hydro. test (shape, material spec. no. diameter, size telltale; net area) Pitch Heads or ends Hydro. test Heads or ends Hydro. Teicless Material **Indicate if (1) flat, (2) dished, (3) ellipsoidal, (4) hemispherical. **Indicate if (1) flat, (2) dished, (3) ellipsoidal, (4) hemispherical.						-										
Diameter Thickness Spec. No. Grade No. How Attached Heads or ends Hydro. test Heads or ends Hydro. test		te if (1) sear	nless, (2) fusi	on welded.								**Indica	ate if (1) flat, (2) o	lished	, (3) ellipsoida	l, (4) hemispherical.
Diameter Thickness Spec. No. Grade No. Attached Heads or ends Hydro. test Heads or ends Hydro. test	6. (b)	Boiler tu	bes:	Motor	ial		How	6. (c)	Heade	ers no		(box or si	nuous or round, r	materia	al spec. no., thi	ckness)
6. (d) Staybolts	Diar	meter	Thickness			No.		1	Head	s or ends	/chai	no material er		Hydro	o. test	
Pitch Net area								6. (d)	Stayb			thickness)	•			
6. (e) Mud drum		-+				-		-	Dia la					eter, si		
(for sect. header boilers, state size, shape, material spec. no., thickness) 7. Waterwall headers: Heads or Ends Waterwall Tubes No. Circuit Shape, Material Hydro Disputes Thickness Material]	FILCH				(supported		Design pr	essure
(for sect. header boilers, state size, shape, material spec. no., thickness) 7. Waterwall headers: Heads or Ends Waterwall Tubes No. Size and Shape Material Thickness Shape Material Hydro Dignatur Thickness Material	6. (e)	Mud dru	m				Heads or er	nds				ŀ	lvdro. test			
Heads or Ends Waterwall Tubes No. Circuit Share Material Thickness Share Thickness Material Hydro Disputes Thickness Material			(for s			ze,		(no.,		, _			
No Size and Shape Material Thickness Shape Thickness Material Hydro Diameter Thickness Material	7. Wa	iterwall h	eaders:													
				Material				I	Т	Material	+	Hvdro	<u> </u>	Т		Material
1	-	Size ar	nd Shape	Spec. No. G		ickness	Shape	Thicknes	ss	Spec. No. G	r.	Test	Diameter	+	I hickness	Spec. No. Gr.
2	2								$\equiv \downarrow$		†			#		
	3	04	-141				<u> </u>									
		Other pa	rts (1)	(2	<u>'</u>)	(3)	(b) Tu	ibes to	or otner pa	rts			_		
3. (a) Other parts (1)(3) (b) Tubes for other parts	2								\dashv		+			+		
	8. (a)	Other pa	rts (1)	(2	2)	(3)	(b) Tu	bes fo	or other pa	rts			_		
3. (a) Other parts (1) (2) (3) (b) Tubes for other parts	\vdash										\pm			t		

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Manufactured by		
•		
H-4 ID#		

9. Nozzles, inspection and safety valve openings:

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

1	0.		MAWP	Maximum Water Temp.	Shop Hydro. Test	Heating Surface
	а	Boiler				
I	b	Waterwall				
	С	Other parts				

Heating surface or kW to be stamped on drum heads
This heating surface not to be used for determining minimum safety valve capacity.

11.	Field Hydro. Test	

12. Remarks

		CERTIFICATE OF SHOP COMP	PLIANCE	
•	•	•	t all details of design, material, construction, and workm	nanship
of these parts	conform to Section IV of the A	ASME BOILER AND PRESSURE VESSE	EL CODE.	
"H" or "PRT" (Certificate of Authorization no	expires		
Date	Signed		Name	
		(by representative)	Name(manufacturer that constructed and certified bo	iler)
I, the undersi	gned, holding a valid commi	ission issued by the National Board	of Boiler and Pressure Vessel Inspectors and employ	yed by
I, the undersi	gned, holding a valid commi	ission issued by the National Board	of Boiler and Pressure Vessel Inspectors and employ	ved by
I, the undersi		·		
		have inspe	of Boiler and Pressure Vessel Inspectors and employ ected the part of a boiler described in this Manufacturer's to the best of my knowledge and belief, the manufactu	s Partia
Data Report on		have inspe	ected the part of a boiler described in this Manufacturer's	s Partia
Data Report on constructed th	is part in accordance with Sec	have inspe ,, and state that t ction IV of the ASME BOILER AND PR	ected the part of a boiler described in this Manufacturer's to the best of my knowledge and belief, the manufactu	s Partia irer has
Data Report on constructed th Inspector nor I	is part in accordance with Sec	have inspe have inspe have inspe have and state that t ction IV of the ASME BOILER AND PR anty, expressed or implied, concerning	ected the part of a boiler described in this Manufacturer's to the best of my knowledge and belief, the manufactures	s Partia irer has her the Report
Data Report on constructed th Inspector nor I Furthermore, I	is part in accordance with Sec	have inspe have inspe , and state that t ction IV of the ASME BOILER AND PR anty, expressed or implied, concerning employer shall be liable in any manne	ected the part of a boiler described in this Manufacturer's to the best of my knowledge and belief, the manufactu RESSURE VESSEL CODE. By signing this certificate neit g the part described in this Manufacturer's Partial Data	s Partia irer has her the Report
Data Report on constructed th Inspector nor I Furthermore, I	is part in accordance with Sec nis employer makes any warra neither the Inspector nor his e	have inspe have inspe , and state that t ction IV of the ASME BOILER AND PR anty, expressed or implied, concerning employer shall be liable in any manne	ected the part of a boiler described in this Manufacturer's to the best of my knowledge and belief, the manufactu RESSURE VESSEL CODE. By signing this certificate neit g the part described in this Manufacturer's Partial Data	s Partia irer has her the Report
Data Report on constructed th Inspector nor I Furthermore, I kind arising fro	is part in accordance with Sec nis employer makes any warra neither the Inspector nor his e	have inspe ,, and state that t ction IV of the ASME BOILER AND PR anty, expressed or implied, concerning employer shall be liable in any manne pection.	ected the part of a boiler described in this Manufacturer's to the best of my knowledge and belief, the manufactu RESSURE VESSEL CODE. By signing this certificate neit g the part described in this Manufacturer's Partial Data	s Partia irer has her the Report