MODEL CB 600-150# Stm. psi PART NO. 524-1247

FORM P-2 MANUFACTURERS' DATA REPORT FOR ALL TYPES OF BOILERS EXCEPT WATERTUBE AND ELECTRIC

C25-1978A 11/88		as requ	ired by the	provisio	ns of the AS	ME Code rui	es		
Manufactured and ce	artified by		Cleav	er Brook	s. 18th & Le	hman Sts., L	ebanon, PA	17042	
Manufactured and ce	ertified by			0, 0,00,0	(name and add	iress of manufacturer)		
2. Manufactured for		Tri C	ity Medic	al Cent	er - Ocea	nside, Cal	ifornia		
3. Location of installation	on	Tri C	ity Medic	al Cent	er - Ocea	nside, Cal	ifornia		
4. Type: Internally F	ired Boiler	no. LO2	000 's. serial no.)	N/A	5;	24-1242 (drawing no.)	01590 (Nat'l Bd. no).) <u>]</u>	991 ear built)
5. The chemical and phy CODE. The design, c	ysical propertion ar	es of all pa nd workma	rts meet the re anship confor	equirement m to ASME	s of material sp ERules, Section	ecifications of th	e ASME BOILE and Add	R AND PRESSU	JRE VESSEL -89 (date)
Manufacturers' Partia	al Data Reports						tached for the fo	ollowing Items o	of this report
			(name of part. i	item number, n	nfgr's. name and ide	entifying stamp)			98
						ar .			
6. Boiler shells or drum					ength	1" Dia		Length	
7. Shell plates	SA_	515-70	.500		naterial specification	no. & grade, nomina	I thickness)		
8. Longitudinal joint(s)	Welde	d (seamless						red to seamless)	
9. Heads	None		material specifica	tion no.; thickn	ess — flat, dished, (ellipsoidal — radius o	f dish)		_
0. Girth joint(s) <u>Wel</u>	ded eamless, welded)	No. o	of shell course	es2		11.501			
1. Tubesheet: SA	515-70 (mat'l. s	.625" spec., grade t	hickness)		Tube Holes:	2.525"	(dia.		
2. Boiler tubes: No	273	SA (mat'l	178-A spec., grade)	Straight		2-½" lia. (if various, give (max. & min.))	204-½" (length (if variou max, & min.	s, give (gauge	095 ¹¹ (or thickness))
3. Furnace no1		Size	45" O.D.	Le		,			4"
type	ring reinforced, co	rrugated.	SA 285		.437" rade, thickness)	Seam	s: Type	Welded	ed)
	bined or stayed) ONE	Size	N/A dia, mat't. spec., g size telltale, net a	radę,	ch <u>N/A</u>	(hor. and vert.)	MAV	/P N/A	psi
5. Stays or braces			1	-		-:	Blue Tubes		1
Location	Mat'l. Spec. No.	Туре	No. & Size	Max. Pitch	Total Net Area	Fig. PFT-32 L/1	Dist. Tubes to Shell	Area to be Staved	MAWP psi.
(a) F.H. above tubes	SA675-60	Diag	1201->;"	8-3/4	11.7816	1.09	24-1/4	905	154
(b) R.H. above tubes	SA675-60	Diag	1201-1/2"	8-3/4	11.7816	1.09	24-1/2	905	154
(c) F.H. below tubes	N/A								
(d) R.H. below tubes	N/A								
(e) Through stays	N/A					141		-	
(f) Dome braces	N/A						L	<u></u>	1
6. Other parts: 1	ater Colu	mn Ass	_ 2	N/A	., dome, boiler pipir	ng. etc.)	3N/A		
. Threaded p	ipe - SA	106-B,					SI		
Other pres	sure pipi	ng ins	talled by	contra	actor.				

(mat'l. spec., grade, size, material thickness, MAWP)

FORM P-2 (back)

17. Openings (a) Steam 1	@ 8" 300, Flange	(b) Safety valve	3 @ 3" NPT	
	(, ,,,,,,,		(110., 312	e and type)
(c) Blowoff 2	(no., size, type and location	(d) Feed	2 @ 2-1/2" NPT (F	R & L Side)
	7	Size12" x 16"		
(e) Manholes: N	10	Size	Location	
(f) Handholes: N	No6	Size $3-\frac{1}{4}$ " x $4-\frac{1}{2}$ "	Location	Shell
(,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
18. Fusible plug (if used)	N/A	(no., diam., location, mfrs. stamp	0)	
	4	Terrs	Attachment	Welded
19. Boiler supports: No		(saddles, legs, lugs)		(boited or welded)
20. MAWP	psi Based on _	PG-27 (code par. and/or formula)	Heating surface	3000 sq ft
	225	(code par. and/or formula)		(total)
21. Shop hydrostatic test	psig			•
	CERTI	FICATE OF COMPLIANCE		
We certify the statements in th	is data report to be correct.	9	Tomas	15 40 00
Certificate of Authorization no	. 10905 to use the	ne (A) or (S) S	mbol expires <u>Janua</u>	<u>ITY 15.,</u> 19 <u>92</u> .
Date 3/26/91	Name Cleaver I	Brooks Signed	Sulvia Me	Mee
Date	(manufa	cturer)	(authorized repr	resentative)
	CEDTIE	CATE OF SHOP INSPECTION		
		3/4	Lobanon PA	
Boiler made by	Cleaver Brooks	atat	Leballon, FA	ad the state or province
I, the undersigned, holding a vi	alid commission issued by the	National Board of Boiler and Pressu The Hartford Stea	m Boiler I & I Co.	in the state of province
01	of	Hartford, CT have inspect	ed parts of this boiler re	eferred to as data items
1-8,		and have examined		
	None			
		nufacturer has constructed this boile	r in accordance with the	e applicable sections of
the ASME BOILER AND PRES		yer makes any warranty, expressed	or implied, concerning	the boiler described in
		pector nor his employer shall be liab		
1	kind arising from or connecte			
A	9 14 all	7	MROCOLL DA'	7709
Date 1, 1991 Si	igned Darid Z. 901 (Authorized	Inspector) Commissi	ons NB 8884 PA (Nat'l. Bd. (incl. endors	ements) state, prox and no.)
5		FICATE OF COMPLIANCE		
	ibly of all parts of this boiler co	informs with the requirements of Se	ction I of the ASME BC	DILER AND PRESSURE
VESSEL CODE.	n touse t	he (A) or (S) sy	mbol expires	, 19
Oci tilloate of Authorization no	/	(, ()		
Date N	ame	Signed	(authorized rer	presentative)
	(6336111	Didi /	(4411011100110	
		OF FIELD ASSEMBLY INSPECTIO		
I, the undersigned, holding a va	alid commission issued by The	National Board of Boiler and Pressur	e Vessel Inspectors and	the state or province of
and	d employed by	have compar	rod the statements in th	nie Manufacturere' Data
		erred to as data items		
included in the certificate of sh	op inspection, have been inspe	cted by me and that to the best of my	knowledge and belief th	ne manufacturer and/or
the assembler has constructe	ed and assembled this boiler in	accordance with the applicable se	ections of the ASME BC	DILER AND PRESSURE
		bjected to a hydrostatic test of		
		yer makes any warranty, expressed		
1	ort. Furthermore, neither the ins y kind arising from or connecte	pector nor his employer shall be liab	ne in any manner for any	y personal injury or pro-
perty damage or a loss of any	rand arising from or connecte	a with this hispection.		
Date S	igned	Inspector) Commiss	IONS	sements) state prov and no)

UNIT	_ L-89431
8.0	CU9001903

MODEL	Adapter	
PART NO	1-699	

C25-	1982A 1	1/88					CTURERS'				r 			
i N	Aanufacti	ired and c	ertified by			Cleave	r Brooks, 18	3th & Lehn	nan Sts.	, Lebai	non, PA	17042	•	
, management and on the state of					Cleaver Brooks, 18th & Lehman Sts., Lebanon, PA 17042 (name and address of manufacturer) Tri-City Medical - Oceanside, California									
2. N	/anufacti	red for			crey i		_	nd address of pu						
3. I	dentificati	ion of part	(s)										4)	
Name of Part Quantity					Line No.	Mfr's Serial N		lanufacturer's Drawing No.		CRN	Nat	I. Bd. No.	Year Built	
Āc	lapter		(1)		10-a	L019	72	1-699	N	/A	N/	′A	1991	
(The chemi CODE. The	e construc	nysical pro ction and v	perties o vorkman	of all parts n iship confo	neet the red rm to ASM	quirements of r E Code. Section	nateriał spec on Il	ifications (989 (year)	of the AS	ME BOIL d addend	ER AND PRES da toA-8	SSURE VESSEL 9 (date)	
						Shell	Plates		1	ubesheets			e Ligament ciency	
No.	Inside Diameter In.	r, In	side Length in.	,	Mat'l. Spec. No	., Grade	Thickness Inside Radius in.		Thickness Insid		de Radius Longitu- in. dinal		Circum- ferential	
1											-			
2		1												
3		_		_									 	
-														
		itudinal iints		cum. ints	Head					· · · · · · · · · · · · · · · · · · ·				
No.	No. & Type*	Effi- clency	No. & Type	Effi- ciency		Mat'l. Spec. N	o., Grade	ss, in.	Type**	Radius of Dish	Manholes No. S	static Test, psi		
1				-										
3		-												
4										12				
Indica	ate if (1) sear	mless; (2) fusi	on walded.						**!1	idicate if (1) flat; (2) dis	hed; (3) elliposiodi	al; (4) hemispherical	
6. (þ) Boiler	tubes:	None	9			6. (c) Heade	ers no.:	(box	or sinuous	NOT	Cat'l. spec. no.; thick	rness)	
Di	ameter	Thickness	Mat	'I. Spec. No	o., Grade		Heads	or ends	ape: matil. sr	ec. no.;	Hydro.	test	(psi)	
									thickness)	Non	ie		
							6. (d) Staybe	JII	(mat'l	spec. mo.	; diameter; s	size telltale; net are	18)	
										ŧ	supported by one bolt)		ps	
6. (e) Mud o	:	None for sect, head shape mat'l.			Heads o	r ends(si	nape; mat'l. spec. thickness)	no.;	Hydro.	test	{psi		
7. (a) Water	waii head	ers: Nor	ne			Heads or End	5		7. (b)	Waterwa	il tubes:	None	
No.		e and Shape	Mat	terial c. No.	Thickness in.	Shape	Thickness in.	Material Spec. No.	Hydro Test, p		in.	Thickness in.	Material Spec. No.	
<u> </u>						-								

8. (a	i) Economizer he				OHM P-4 (I		_	(b) Econom	nizer tubes:	
		None			Heads or End			·		None
No.	Size and Shape	Material Spec. No.		Shape	Thickness in.	Material Spec. No.	Hydro. Test, psi.	Diameter in.	Thickness in.	Material Spec. No.
	-			+	+					
				+	 					
-					1					
		None								
9. (a) Superheater h		3				9.	(b) Superhe	eater tubes:	None
										-1
						. 17				
10. (a)	Other parts: (1)) Adapter		I/A		I/A	10.	(b) Tubes for	or other parts:	:
1	(2) W.N. E	Flg SA10		300						
2	Fitting Pi									
3	Couplet	SAL0	5 1-½"	NPT	3000#					
11. O	penings (1) Stear	n <u>No</u>	ne			(2) Safety V	alve	No:	ne type of nozzles or	- ctlata)
	-	(no	., size, and type of n	ozzles or outlet	:s)			(NO., Size, and	type of nozzies or	Outletsj
	(3) Blowd	offNo				(4) Feed		No:	ne	tiest
	• •	(no	., size, and type of n	ozzies or outlet	.9)				and location of cor	nnection)
12.		Maximum Allo	Code I	Par. and/or	Shop Hydro. Test	t Heating	1 ,	13.	Field	d Hydro.
	!	able Workin	ng Formul	la on Which	psi	Surface		ting surface e stamped		est psi
а	Boiler	None None	AVVP	o is Based		sq. ft	l on di	rum heads.	N/A	
b	Waterwall	None				+	tace	heating sur- not to be		
	Economizer	None				- 	used	d for deter- ng mini-		
C		None					murr	n safety		
d	Superheater Other parts	150	PG	27.2.2	:225	N/A	\ vaive	e capacity.		
6	Ottier parts	100		2/02/0		1 - 1/	17			
14. Re	emarks:	None								
_										
_										
			0.81							
thic	certify the statems boiler part confortificate of Authorite3/28/9	orm to the ASM	AE BOILER AND	rtial Data Re	BE VESSEL CO	ect and that al				
Dat	(e3/28/9	Name _	U	ieaver Br	DOKS	Sign	ied Lyl	(authoriz	COOLU_	<u>-</u>
				1	ottoror,		<u> </u>		.00 , 00	,
of _	ne undersigned, h Pennsylv Ha March 27,	vania and and artford, CT	employed by_	ed by The N	The spected the pa	of Boiler and F e Hartford art of a boiler	Pressure Vess Steam Boil described in	this Manufac	turers' Partial	l Data Report
1								illuiaciui ei ii	Ids constructe	zu uns parcin
1	cordance with the							a	i Alica mantalan	منطف سئات - عائد -
	signing this certif									
	inufacturers' Part						hall be liable	in any manne	r for any pers	onal injury or
1 '	perty damage or					nspection.				
Dat	te //pr. 1, 1	991 Signed	1 David	2 L. O	Loce-	Commi	issions PA	2309	lorsements) state,-	prev. and no.)

UNIT	L-89431
S.O.	CU9001903

MODEL	Adapter
PART NO.	1-700

FORM P-4 MANUFACTURERS' PARTIAL DATA REPORT

C25-	1982A 1	1/88			а	s require	d by the p	orovisi	ons o	f the ASM	E Code	rules	3			
1. N	fanufact	tured a	ınd certi	fied by						3th & Lehn			anon, PA	17042	=	
2. N	1anufact	tured fo	or		Tri	-City N	Medical		_	de, Cali		a	 	_		
2 1	dentifica	tion of	nart(s)						(IIIZIIIO di	id address or pu	Gridaer j					
J. 10						Line	Mfr's.			fanufacturer's						Year
1	Name of Pa	ırt	Q	uantity		No.	Serial No	os.		Drawing No.		CRN	Nat	Nat'l. Bd. No.		Built
Ada	apter		(1)	1	0-a	L019	74		-700		V/A		N/A		991
						_										
	-															
4. T	he chen	nical ar	nd physic	cal prop	perties /orkma	of all parts r	neet the rec	uireme E Code.	nts of n Section	naterial speci on I10	389	of the	ASME BOIL and adden	ER AND PRE	A-85	7
						,					(year)				(da	te)
6. (8	a) Drum	s: N	one				Chall	Plates			l .	lubeshe	eta	Tube Ho		ment
	Inside				\vdash	Marin Cara Ma		Thickr	1000	Inside Radius	Thickne		nside Radius	Efficien-		Circum-
No.	Diamet in.	er,	Inside ft.	Length In.		Mat'l. Spec. No)., Grade	in.		in.	in.			dinal		ferential
2					-				_							<u>-</u>
3								•							-	
4									-		l			.		
		gitudinal joints		Circ			· · · · · · · · · · · · · · · · · · ·			Head	8					Moder
	No. &	Eff	fl- I	No. &	Effi-	Mat'l. Spec. No., Grade				Thickness	Thickness, in. Type** of			Manholes		Hydro- static Test, psi
No.	Type*	cier	ncy	Туре	ciency	'	Matt. Spec. No	o., Grade		Tillekites	15, 111.	1900	of Dish	No.	Size	
2		 														
3															\dashv	
4 Indica	te if (1) sea	ımless; (2) fusion w	elded.							••	ndicate i	f (1) flat; (2) dis	hed; (3) elliposio	jal; (4) l	nemispherical
			No					s (a)	Hoodo	rs no.:	None	9				
	o) Boile			l Mari	I Casa N	lo Grada	,				(box			at'l. spec. no.; this	kness)	
Dia	ımeter	Inic	kness	Mat	i. Spec. iv	lo., Grade			Heads	or ends	ape; mat'l. s thicknes	oec. no.;	Hydro.	test	(psi)
							(6, (d)	Staybo	olts:	None	7	no.: diameter: s	size telltale; net ar	(08)	*
				-					Pitch		•		(supported			ps
													(supported by one bolt)			•
6. (e) Mud	drum:	None		er boilers	, state size;	_ Heads or	ends _	(sh	ape; mat'l. spec.	no.;	Hydr	o. test	(p:	ai)	67
						thickness)				thickness)						
7. (a) Wate	rwall h	eaders:			Thickness	Chara		ls or End	s Material	Hydro	- 1	o) Waterwa	Il tubes:]	Vone	Material
No.	Siz	te and SI	hape	Spec		in.	Shape		n.	Spec. No.	Test, p		in.	in.		pec. No.
	+															

8. (a) Economizer he	aders: None		F	ORM P-4 (back)	8. (b) Economizer tubes: None				
•		None			Heads or End	ls				NOTIE	
No.	Size and Shape	Material Spec. No.	Thickness in.	Shape	Thickness in.	Material Spec. No.	Hydro. Test, psi	Diameter in.	Thickness in.	Material Spec. No.	
						<u> </u>				·	
9. (a) Superheater h	eaders: None	2				9.	(b) Superhe	eater tubes:	None	
, <u>, , , , , , , , , , , , , , , , , , </u>			T								
										2	
10 (a) Other parts: (1	Adapter	(2) N	/A	(3)N	/A	_ 10.	(b) Tubes fo	or other parts:	None	
1	W.N. Flan		T 6"	300#	T	Fitting	Pine	SA53-B	Sch 40	8"	
2	W.N. Flan		8"	300#						9	
3		c Reducer	SA234	8"x6"			1				
	00										
11 0	penings (1) Stear	n None				(2) Safety Va	alve None				
, 0	pornings (1) otour	(no., s	ize, and type of no	zzies or outle	ts)	, ,		(no., size, and	type of nozzles or	outlets)	
	(3) Blow	off None				(4) Feed	None				
	(0, 0.0	(no., s	ize, and type of no	zzies or outlet	ts)				and location of co	nnection)	
12.		Maximum Allow	Code	ar. and/or	Shop Hydro, Test	Heating	,	13.	Field	d Hydro.	
		able Working	Formula	on Which	psi psi	Surtace		ing surface stamped		est psi	
	I Ballian	Pressure None	AWP	is Based		sq. ft) on d	rum heads.	N/A		
a	Boiler	None						heating sur- not to be			
Ь	Waterwall	None) used	l for deter- ng mini-			
С	Economizer	None					mun	safety			
d	Superheater	150	PG 2	7.2.2	225	N/A	(valve	capacity.			
е	Other parts	120	110 2	7.2.2	223		,				
	emarks:									4)	
_											
		1		CEPTIE	ICATE OF CO	MDITANCE					
ا ا		nents in this Manu	facturere' Pari				details of ma	iterial constr	uction and wo	rkmanshin of	
		orm to the ASME					dotallo of file	101141, 0011011	2011011 2110 110		
thi	s boller part conf	rization no. $\frac{10}{100}$	0905	to use the	1E VESSEL C	(S)	symbol	evnires Jan	nuary 15,	, 19 92	
D.	4/1/91	Name	Cli	eaver Br	ooks	Signe	ad Au	loca	Moor	2_	
J				(manufa	icturer)	0.g	7	(authoriz	red representative)	
						- INCOFOTIO		_			
l, t	Pennsylv	oolding a valid con vania and e	nmission issue imployed by	d by The N	ational Board Th	e Hartford S	ressure Vess Steam Boi	ler I & I Co			
of		, 19 <u></u>				art of a boiler					
on								anuidCtufef f	ias constitucte	ad tilla hattill	
ac	cordance with the	applicable secti	ons of the AS	ME BUILE	H AND PHESS	OUNE VESSEL	cod orimali	ed concerni-	ng the part do	scribed in this	
Ву	signing this certif	icate neither the i	nspector nor h	is employe	er makes any w	rarranty, expre	sseu or impli	eu, concernir io any mana	r for any nero	onal injury or	
		ial Data Report. F					iali de liable	iii any manne	a for any pers	onal mjury or	
1 '		r a loss of any kin				nspection.					
Ds	te Apr. 1, 19	91 Signed	Dand	1. X.	ore	Commi	ssions P	A 2309	7		