FORM U-1 MANUFACTURERS' DATA REPORT FOR PRESSURE VESSELS

89	-0U	BA								<u></u>	11-7062-15-		
1. M	anufac	tured and	certified b	y Souther	en ABB.	T EXCHO	NGBR (SOME	Corp. 40	O GSTN ST.E	·Tusco	loose, ac.		
				duPont c						Ļ.			
B. Lo	ocation	of install	ation E.	1. duBat	de Ne	mours '	Co. Jr	c. Bean	UNDAT, TE	•			
l. Ty	/pe:	T.Exc	.H• L. tank)	89-028 (mfr's serial n	A	(CRN)	5	P-2090-3 (drawing no.)	574 (Nat'l. Bo	d. no.)	(year built)		
									ifications of the aion VIII, Division		ER AND PRESSURE		
-		A87 (addenda (Da	ite))	(Code Case no.)			(year) TUBE SOE (special service per UG-120(d))						
ems	6-11 in	iclusive to	o be compl	eted for singl	e wall vess	els, jackets	s of jackete	ed vessels, or	shells of heat e	xchangers.			
. SI	nell: 🔽	-312-3	no grade)	. Iso*		-	(corr allow (ir	1.})	1-0.375 (dia. ID (ft. & in.))		(length (overall) (ft. & in.))		
. Se		No fill-	<u> </u>	Ful (RT (spot or full)) Do)) (HT temp	(°F)) (time	SNGL.	sngt.)) (RT(spot.	الا partial, or full))	(no. of courses)		
. Н	eads:	(a) SA -	240-304	(mat'l (spec	no grade))	ale: Application description (.) because and con-ex-	(b)	(mat'l (spe	ec. no., grade))			
		tion (top. om. ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (convex or concave)		
(a (b		ТОН	.1875		(2) 24	0.D. FL	Priped) é	FLUED HE	AD\$		FLOT		
	·	able, bolts	L s used (desc	ribe other fas	tenings):	LINE 7							
		a a l. a l.	HONE		Proof	tost.		(mat i ,	specino., gr., size, no) ,			
-	-	acket: losure:					ensions:			If bolted	, describe or sketch		
i. M	AWP:_	150		gee & weld bar e np. 302		n metal tem	o: -13	at ISO	Hydro. , pπου. -o	r egab . test	pressure 225		
me	10 and	(psi)		(°F) I for tube sec			(°F)	(psi)			(psi)		
							ا م	~ "	_	e.	6-2-		
T	ubeshe		-240 -30 nary mat 1 (spi	4L ec no gr)) (dia	14.75		inom thic	(kness (in))	(corr allow (in	(att	USUDED achment (welded, bolted))		
		(float	ing mat'l ispe	c no.gr+	(dia (in		inom thic	(kness (in))	(corr allow (in)))	(attachment)		
T	ubes:		-304L		.150°	(nom	lle thickness he	~ 63u6ell	96	THE RESERVE AND THE PERSON	(type (straight or U))		
ms	14-17			oleted for inne	er chamber				of heat exchange		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
. SI	hell:	5A - 240	0 - 304L	81: men	15 "	10 10 10 10 10 10 10 10 10 10 10 10 10 1	O loon allow it		(1-0.375)	A (le	ngth (overall) (ft. & in.))		
S	eams:	SNEL	Bar	Full	loo	% <u> </u>		SNEL.	BUTT FU				
u	ondo:	,	tbl. sngl.;; - 240 - 3 0	(RT (spot or f)	uilii f eff i	°an iHT tem			i , sngi)) (RT (spoi	l. partial, or full	no of courses)		
Н	eads:	(a) DA	270-20	(mat'l (spec	no građe))				(mat'l (spe	c no , grade))			
		tion (top. om lends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckie Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (convex or concave)		
(a	1	BOTTOM	.1875"	۵			1 :1				Concave		
11	remov	able, bolt	s used (des	cribe other fa	stenings):	SA-19.	3. B&4.	-2 (3L)E	1. 78°-11. spec no. gr. size. no	5)	r opher von seen vider, seelansuur en hijligelijk in sui viderdroord en voorseensterreijsbelijkensoon.		
	1AWP:	150	at max. ten	on 302.	Min design	n metal tem	13	at ISO	. Hvdro. <u>emau-o</u>		pressure 225		



Purpose (inlet, outlet, drain, etc.)	Number	Dia. or Size	Туре	Mat'i.	Nom. Thickness	Reinforcement Material	How Attached	Location
N-OUT	1-1	34-150#	RESO	A-312-3041	216"	INHERENT	MEIDED	SHELL
N-OUT ENT-DRAIN	1-1	2"_ "	U	υ	.1540		υ	<u> </u>
N-OUT	1-1	34_ 1	REWN	V	.216 "	•	•	Bonnet
ENT-DRAIN	2-1	1"- "	•	U	. 133 "	•		U
The same and a same a same and a same and a same and a same and a same a same a same and a same and			_					
								1
	+							1
	 		†					
	<u> </u>		1	1		<u> </u>	L	1

L	7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1											
10	Supports: Skirt 15	Luas	4 Leas	(Other		Attached SHEU	L WELDED	•			
10.	(yes or n	0) (no)	(no)	((describe)		(where and how))			
2C.	Remarks: Manufacturers	' Partial Data	Reports prope	rly identific	ed and signe	ed by Commiss	sioned Inspectors	have been furni	ished for the			
	following items of the re	port:		/namo	of part, item nu	omber mfr's name	and identifying stamp)					
	NIV 4. 1-5 4		(name of part, item number, mfr's name and identifying stamp)									
	* UG -46 (3) "											
			and the second s	and the same and t	V-ALE-T- MATERIAL V-ALE-T- ALE-T-							
					SHOP COM			ion and warkens	nahin of this			
	certify that the statemen						naterial, construct	ion and workma	insnip of this			
	ssel conform to the ASM " Certificate of Authoriza					. a 1	<u>\</u>		(^ /			
	te 03 - 05 - 90 Na						Signed D	inul H. A	Joland			
				(manufact	lurer)	Υ	,	(representati	ve)			
	_	1.	CERTI	FICATE O	F SHOP INS	PECTION		•				
Ves	ssel constructed by	the walter	ear excus	WEEZ.	Corp.		at	SCALOSCA	· Mc ·			
	he undersigned, holding a	a valid commis	ssion issued by	The Natio	nal Board of	Boiler and Pre	essure Vessel Insp	ectors and the	state or prov-			
inc	e of	and employe	ed by Come	18BCLA	_ UNION	s in anyone	e vessel described	t in this Manufa	oturore' Data			
Da	port on 03-	10 9n	and state the	at to the h	seet of my k	nowledge and	belief, the manuf	acturer has con	structed this			
	essure vessel in accordar					nowiedge and	bener, the manual	actore. Hae con				
	signing this certificate n					irranty, expres	sed or implied, co	ncerning the pre	essure vessel			
	scribed in the Manufactu											
	nal injury or property dar		of any kind a		or connect	ed with this in	spection.	-				
Da	te 039 O Signe	ed 1021	11 ELLO	pecton R		Commissions	NB 5446 N	or 2182 forsements) state, pro	ov and no)			
			CERTIFICAT	E OE EIEI	N DROO	Y COMPLIAN						
We	e certify that the field ass	sembly constri						Section VIII, Divi	ision 1 of the			
	ME BOILER AND PRESS						•					
U	" Certificate of Authoriza	ation no	exp	ires		9						
Da	te Nam	е	(assembler that ce	attend and an	acte atad haid	as combine	Signed	(representati	(VA)			
								(representati				
	he undersigned, holding	a untid aammi				LY INSPECTIO		ectors and the	state or prov.			
		a valid commit and employe				bullet allu Fie		ectors and the	state of prov-			
1110							ed the statements	s in this Manufa	cturers' Data			
Re	port with the described p											
	rtificate of shop inspect											
str	ructed and assembled thi	s pressure ve	ssel in accorda	ince with A	SME Code,	Section VIII, D	ivision 1. The des	cribed vessel w	as inspected			
	d subjected to a hydrost			isi.								
	signing this certificate n											
	scribed in the Manufactu							ie in any manne	r for any per-			
_	inal injury or property dai		s of any kind a	irising tron		led with this in Commissions_	ispection.					
υa	ate Sigr	ieu	(Authorized In	spector)	and the second s	Juning310113_	(Nat'l Bd (inc' enc	forsements) state, pr	ov and no)			