## N9NALSGIFERSYBLE'S

DRIGINATOR:	FI. EXCED	DEKER

DATE	n	2/8/89
REVISED	u u	

	REVISED;
PRESSURE VESSEL DESIGN	& INSPECTION SHEET
Name of Vessel: Extraction Columns	
Contents: Shellside:	Tubesi de:
Type of Construction: FUSION WELDED, AS	SME CODE, STAMPED 1989 NON DISCRETIONS
Prawing No. : - P&G - Fabricator Precision	
Aterial Specifications:  Shell Side: SA-240-304L  Sube, Jacket  Or Coil Side:	P&G No.       Plant       Dept.       Eng.Div.No.         Sherman       10872-1         Sherman       10872-3         Sherman       10872-4         Sherman       10872-5         Sherman       10872-6⁴
	Field Tests & Inspections
Shell Max. All. Press. <u>150 PSI</u>   Max. All. Temp. <u>400 F</u>	5 Yr. Internal 1 Yr. External
   Tubes. Max. All. Press.   Jacket, Max. All. Temp.   or Coil	Yr. Internal Yr. External
NOTE: For all heat exchangers, the Pres the event of a change from the or COMMENTS:	

REVISION DATE: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_ P.V. NO. \_\_\_\_\_

#### 

EQ. NO. 22-C-18

			Left Lindhillan D	The second secon		ED4 41 D	-10405+	Springfie	NA NO	65802
			Precision			501 N. B	elcrest.	<u> 3pringlis</u>	ETU. MO	2002
			r & Gambla			(Name and address of p				
<b>3</b> .	Location of invi	mission The	Folger Co	ffsa Com	pany. 400	West F.	M. 1417.	Sherman.	TX 7509	0
<b>5</b> ,	Type Verti	CA .	8985_1 ti	mu 8985-6	(CRA)	43899-	0	2429 thru	2434 1. M. Rai	1989 (Mar spiri)
_			j properties of construction, enc	all parts ma	et the requirem	nents of mate IME Bules, Sec	rial specificat tion VIII, blyl	lans of the A	Edition	AND PRESURE
		um A-87								
				0.7	•	di Gue No.	01 44 47		Source service service Source services	
Ħ,	Shell: _SA2	40304	- Court	Warn Tok. V	е.) был.	Altem (in.)	21-11-1/	C. M. 6 M.		-7-15/16"
		Lang, Indonesii, Col., Loui., Lan, Botti	P.7: (Spe) •	) full	85 (6.6) (7.7a	•	riteri D	d Double Builten Marches Builten Marches Builten, Builten	tt Spo	Partial, this of Courses
₽.	Heads: (a) Met	. <u>SAZ40</u>	304L 14	e. Ma., Grade		(b) Meti	, <u></u>		ne, No., Gregir)	
	Lassian flas Bottom, Ends)	Missimum Thiskouse	Corresion Allowense	Crown Regist	Kntickle Redue	Eifiptical Ratio	Conical Apax Angle	Hemiopharical Redius	Fils Diameter	Skin to Presents (Convex or Concave)
(6)	Top	.313	0		- 4	2:1		**		Concave
(4)	Bottom	,250	he other festening			==	26°		***	
	MAWP 150 Min. design meta Mass los, Inspec	il temp	y valve ppanings:	1 41 150	pel e		-	. 241	How	pal.
(In)	Purpose at, Quilet, Orain)		itm. Type Sies		Mask	Nom. This		lorasmens Mati,	Attached	Laustian
Se	e U-4						<del></del>	<del>44,</del>	-	
_										
11.	Buppartsi Skiri	No.	Lugs		<u>~x</u> Other	(hour à	A	treched She	We We	1d
	memarks: Ment the report: Ci Transiti Support	itacturar's Pa USTOMER DA Shell rings 3/		gate va gate va hickness A240 30 ontal po	nxified and signs  1 va hetwes  1 va hetwes  2 K. R.  4 Custon  5 ition at	SA240 par to in:	1100 and Williams 3041. Na stall saf Sea H-4	noin nead me plate lety valve	per Code	Case 2051.
٣		34			TIFICATE OF					
1 1	Ye certify that form to the ASM	the matement	s made in this re resure Veneis, 6 Co. neme <u>Dr</u>	ecision.	by and that Mi Division 1. "U" ( 5 f a in 1 a c c (Wordshort) RTIPICATE OF	Inc.	utharization in	11658 oug the le	Medican Apy	o of this vessel con- 11 6 , 10 92.
١,	Jecosi construct	es by Pre	cision Sta	inless	Inc		<u>Springfi</u>			
	, the undersign	ed, halding (	velia bommieti	estaidum pa	the Netional Se by Commerci	ard of Eulier a	D-rusilco.		end/or the Bi	tete or Province of
	reve imperated t	ne companen	i described in thi	Manufacture	ir's Data Report	an	Man description of the A	2MR Code, No.		that, to the best of
'	ny knowiacka inicamificata s	and belief, the	io Manulactular toestor nor his =	molover mak	se any waitenty se any waitenty	, exblakees et.	iwales with w	hujub gya bizan ama hanni da	MITE Vensel Clean	ision 1. By signins ribad in this Manu-
	lanturni's Data	Report, Furt	ermora, helther	the inspector	ner his emplay	my shell be list	is in any men	Het tor ony po	rsonal injury s	r property damaga
,			em or connected				X inelailmeic	13 8293	I man	, 2445

17,000,040

Anufactured and certif	bd by Pracis	ion (	stainl	ess. Inc.	501 N.	Belo	rest,	Springfie	1d, MO 658	302
famulactured (et					Name and addre				- Marie - Mari	
ocetion of insulistion.	The Folger	Cofi	ee Co	mpany. 400	Wast F	М.	1417.	Sherman.	<u>TX 75090</u>	
vo. Vertical	rt, sani, +46 f	83	5-1 thy	P. YIVY	ing:		399-D	2429 thru		1989
Data Report Item Number	Purpose	No.	Dia. o	Type	Mat. A	omerks	Nom. Thk.	Reif. Mat.	How Attached	Locati
em #10	Acitator	1	12"	Pipe	5A240	304L	.375	w =	. Weld	- LO- 51 V 1
Elli 7. Charman	Spare	3	34	Pipe	SA312	304	Sch 40	02	We]d	
	Trans	2	311	Pipe	SA312	304	Sch 40		We)d	
	Lay switch	h 1	7"	Pine	SA312	3741	_Sch 40		, Weld	
	Some	1	7"	Pine	SA312	304	Sch 40	474.CR	Weld	
	Soare	2	411	Ploe	\$A312	304	Sch 40.		We]d	
	Inlet	1	ρii	Pipe	5A240	304	Sch 40	SA240 1/	/4" Wald	
······································	Out let	1	6"	Dina	SA240	3001	Sch 40.		Weld	
	Sightpless	2	Ail	Pad Flance	The second lives in the least of the least o	304	150#		he]d	

### FORM R-2 REPORT OF ALTERATION in accord se with provisions of the National Boar ispection Code

Work performed by <u>Paul Mueller Com</u>	ipany (name of alteration or	agnization)		
1600 W. Phelps, PO Box 828, Springfield	·	ganization)	(Form R No.)	
-	(address)			
2. Owner <u>FOLGERS COFFEE COMPAN</u>	IY (name)			
300 F.M. HWY 1417 WEST SHERMAN				
	(address)			
3. Location of installation <u>SAME AS AF</u>	BOVE (name)	A decrease and the second seco		:
	(address)			
4. Unit identification *SEE REMARKS	Name of original m	nanufacturer <u>*SEE</u>	REMARKS	
(boiler, pressure vession )  5. Identifying nos.: *SEE REMARKS	*SEE REMARKS		235290-7 THRU -12	_*SEE REMARKS
(mfg serial no.)	(National Board No.)	(jurisdiction no.)	(other)	(year built)
5. NBIC Edition/Addenda: 1998 A98		Original Consti	SEL KENAM	
7. Description of work: <u>PAUL MUELLER C</u> (use sup CONES AND REPLACE EACH WITH A	oplemental sheet. Form R-4, if nece	ssarv)	LINE BLIND ON THE LO	
SCH 40 304/304L VANSTONE NOZZLE				
• PA 1 % /4 5.4 WA 24 % 1 MANUAL AND				
			Market .	
			Pressure test, if applied	256 P
s. Replacement Parts. Attached are Manufa	acturer's Partial Data Report	rts or Form R-3's prop		
s. Replacement Parts. Attached are Manufa completed for the fo	acturer's Partial Data Report:	rts or Form R-3's prop		
s. Replacement Parts. Attached are Manufa completed for the fo	acturer's Partial Data Report: llowing items of this report:	rts or Form R-3's prop		256 P
s. Replacement Parts. Attached are Manufa completed for the fo	acturer's Partial Data Repor llowing items of this report:	rts or Form R-3's prop		256 P
Replacement Parts. Attached are Manufa completed for the fo	acturer's Partial Data Report:	rts or Form R-3's prop		256 P
Replacement Parts. Attached are Manufa completed for the fo	acturer's Partial Data Report: llowing items of this report:	rts or Form R-3's prop		256 P
Replacement Parts. Attached are Manufa completed for the fo	acturer's Partial Data Report:	rts or Form R-3's prop		
Replacement Parts. Attached are Manufacompleted for the fo	acturer's Partial Data Report:	rts or Form R-3's prop		256 P
Replacement Parts. Attached are Manufacompleted for the fo	acturer's Partial Data Reportion	rts or Form R-3's prop		256 P
Replacement Parts. Attached are Manufacompleted for the fo	acturer's Partial Data Report:	rts or Form R-3's prop		256 P
completed for the fo	llowing items of this report:		erly	256 P
completed for the fo	flowing items of this report:	e, mfr's. name and identifying	g stamp)	
completed for the fo	f part, item number, data report type TERATIONS TO BE MAI	e, mfr's. name and identifying	g stamp)	VERE
completed for the fo  (name o  Remarks: CUSTOMER REQUESTS AL RECEIVED BY PAUL MUELLER COME	f part, item number, data report type TERATIONS TO BE MAI PANY, WITHOUT MARK	e, mfr's. name and identifying	g stamp)	VERE
completed for the fo	f part, item number, data report type TERATIONS TO BE MAI PANY, WITHOUT MARK	e, mfr's. name and identifying	g stamp)	VERE
completed for the fo  (name o  Remarks: CUSTOMER REQUESTS AL RECEIVED BY PAUL MUELLER COME	f part, item number, data report type TERATIONS TO BE MAI PANY, WITHOUT MARK	e, mfr's. name and identifying	g stamp)	VERE
completed for the fo  (name o  Remarks: CUSTOMER REQUESTS AL RECEIVED BY PAUL MUELLER COME	f part, item number, data report type TERATIONS TO BE MAI PANY, WITHOUT MARK	e, mfr's. name and identifying	g stamp)	VERE
completed for the fo  (name o  Remarks: CUSTOMER REQUESTS AL RECEIVED BY PAUL MUELLER COME	f part, item number, data report type TERATIONS TO BE MAI PANY, WITHOUT MARK	e, mfr's. name and identifying	g stamp)	VERE
completed for the fo  (name o  Remarks: CUSTOMER REQUESTS AL RECEIVED BY PAUL MUELLER COME	f part, item number, data report type TERATIONS TO BE MAI PANY, WITHOUT MARK	e, mfr's. name and identifying	g stamp)	VERE

### TIONAL BOARD INSPECTION C DE

# NON DISCRETIONABY UNTIL SUPER SEBEBY

