## FORM U-1 MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

1/2

RR 1026.10

(Mat'l Spec. No., Grade, Size, No.)

Fig. 1	The second secon	and the second s					. <b></b>				
1 Macufactured and certified by Paul	Mueller Company 1600	0 W. Phelj	ps-P.O. Bo	ox 828 Name a	S-Springf nd address	ield, MO. of Manufactu	Jrer)				
? Manufactured for ROSENMU	ND INC. 9110 FORSY	TH PARK	DRIVE (	CHAR Name a	RLOTTE and address	NC 2827 of Purchase	73 ir)				
3 Location of installation ROSEN	MUND INC. 9110 FOR	RSYHT PA	ARK DRIV	VE C			28273				
_			10700	0	•	nd address)	7420 1	REV D	274	77	1997
4 Type VERTICAL (Horiz., vert., or sphere) (Ta	/ESSEL ank, separator, jkt. vessel, heat e	exh., etc.)	19708 (Mfg's seria		(CRN)			ving No.)	(Nat'l. Be		ar built)
5 ASME Code, Section VIII, Div. 1	1995 A95			2148	Code Case	No.	. <u>-</u>	Specia	l Service pe	er UG-120(d)	
Items 6 - 11 incl. to be completed for sing	Edition and Addenda (da gle wall vessels, jackets of jacket	ate) ted vessels, s	shell of heat e	xchange			chamber		•		
6 Shell (a) No. of course(s): 8 ]	ΓURNS		(b) Overall	iength (	ft & in.):	3' 2.5"					
Course(s)	Material	Th	ickness	Lo	ng Joint (Ca	at. A)	Circu	m, Joint (Cat.	A, B & C)	Heat Trea	tment
No Diameter, in. Length (ft. & in.)	Spec./Grade or Type	Nom	. Corr.	Туре	Full, Spot, N	None Eff.	Туре	Full, Spot, No	one Eff.	Temp	Time
3" 3'2.5"	SA240 304L	.136"	. 0	NA	NA	NA	NA	NA	NA	NA	NA
• • • • • • • • •							++				
SA312 304L	A STATE OF THE STA	<b>.</b>		b)	SA240 3	04L					
	. No., Grade or Type) H.TTime	e & Temp					lo., Grad	e or Type) H.	TTime & T	emp	
Location (Top. Thickness	Radius Ellipti	cal Cor	nical H	łemisph			Side to F		<del> </del>	Category A	· · · · <u>- · · · · · · · · · · · · · · ·</u>
Bottom, Ends) Min. Corr.		tio Apex	( Angle	Radi	us		onvex	Concave X	NA NA	, Spot, None NA	NA
(a) TOP 136" 0	3"		- <del></del>				X X	<u>^</u> X	1	FULL	100%
(b) BOTTOM <u>5" 1 0</u>											
If removable, bolts used (describe other	fastening)										
•						ec. No., Grad	e, size, N	ło.)			
8 Type of jacket APPENDIX 9	9, TYPE 3		J	lacket c	losure (C	<b>i</b> -1)	(Descrit	oe as ogee &	weld, bar, e	tc.)	· ·
If bar, give dimensions 1.75 x	. 2.75						(DC30/ik	oc us ogee u		d, describe or	sketch
•	4.7 psi at max. temp.	370	370		°F Min.	design meta	l temp.	-20	∘ ∘Fat	150	psi.
	ernal)	(internal)	(externa	ıl)		_		The second secon	w ·		
10 Impact test NO, CHARPY	IMPACT TEST EXEM	PT PER U	HA-51(d)	(e)	ont(o) impa	ot toetod\					
	241	ndicate yes o	r no and the c	compon	em(s) impai	ci iesied)					
<ul><li>11 Hydro , pneu., or comb. test press.</li><li>items 12 and 13 to be completed for tub.</li></ul>	and the second s	Proof test				A STATE OF THE STA					
12 Tubesheet											
Stationary (Mat'l Spe		ect to press.)			n. thk., in.	C	Corr. Allov	w., in.	Attachme	nt (welded or	Donea)
Floating (Mat'l Spec. No.)	Dia., in.	Nom. t	hk., in.			r. Allow., in.			Attachme	nt	
13 Tubes Mat'l Spec. No., Grade or	Type O.D., in		Nom		n. or gauge		Numb	er	Тур	e (Straight or	U)
Items 14 - 18 incl. to be completed for it											
14 Shell (a) No of course(s): l			(b) Overal	l length	(ft & in.):	3' 9.687:	5"				
Course(s)	Material		Thicknes	S	1	Joint (Cat. A	,	Circum, Joint			
No Diameter in Length (ft. & in.)	Spec./Grade or Type		Nom.	Corr.	Type Fu	II, Spot, None		Type Full, S	+		•
1 144 875" 319.6875" ,	SA240 316L		.375"	0	1	FULL	100	1 S	POT	100	
	The second second second				-		-				
15 Heads (a) SA240 316L					SA240 3	316L					
(Mat'l Spe	c. No., Grade or Type) H.TTim	1	Conicol	U	nispherical	(Mat'l Spec. I Flat	T	te or Type) H. te to Pressure		Category	Α
Location (Top. Thickness Bottom, Ends) Min. Cor	Radius r. Crown Knuckle	Elliptical Ratio	Conical Apex Angle		Radius	Diameter	Conve			ull, Spot, None	
(a) TOP 498" 0							X	X	1	FULL	100%
(b) BOTTOM 484" 0						144.875"	1	X	1	FULL	100%

If removable, bolts used (describe other fastening)

16 MAWP	60 (internal)	14.7 p	si at max. temp.	370 (internal)	370 (external)		<i>d</i> in. design	metal temp	20 Fa	t 60	• psi.
17 Impact test	NO. CHARP	Y IMPACT T	TEST EXEMPT	PER UHA	-51(a)						
,				ndicate yes or r		nponent(s) im	pact tested	)			
, ,	or comb. test pro pection, and safety	promote the second seco		Proof test							
Purpose (inlet,	Diameter	Flange		Material		Nozzle	Thickness	Reinforcement	How A	tached	Location
Outlet Drain, etc	) No. or Size	Type	Nozz	zle	Flange	Nom.	Corr.	Material	Nozzle	Flange	(Insp.Open
SPRAYWAS	Н 3 3"	CL150SOFI	.G SA312 3	316L S	A182 316L	SCH40	0	SA240 316L	UW16.1(Q	UW16.1(K	)
PRESS. GAS		CL150SOFI			A182 316L	SCH40	0	*****		UW16.1(K	
PROD INLE		CL150SOFI	······································	316L S	A182 316L	SCH40	0	SA240 316L	UW16.1(Q	UW16.1(K	)
PRESS GAUG	<del>.</del>	CL150SOFI	.G SA312 3	316L S	A182 316L	SCH40	0		UW16.1(C	UW16.1(K	)
PRESS REL UNI	( ]   1-1   6"	CL150SOFI	.G SA312 3	316L S	A182 316L	SCH40	0	SA240 316L	UW16.1(Q	UW16.1(K	)
LIGHT CON	V 2 2"	CL150PADF	LG	S	A240 316L	1.835"	0			UW16.1(C	
SIGHT GLAS	SS 1 6"	PADFLG		S	A240 316L	1.625"	0			UW16.1(C	
20 Supports SI	kirt YES	S Lugs		Legs	Oth	ers	BASE F	UNG A	tached BY	WELD T	O SHELL
	(Yes or N	lo)	(No.)	(No	0.)		(Describ	e)		(Where and	t How)
(List the nam NONE		nber, mfg's. name	ntified and signed by and identifying num		ed Inspectors h				of the report:		
•			eport are correct a	CERTIFIC	CATE OF S	SHOP CC	OMPLIAN	NCE	nship of this v	essel confor	m to
		_	on VIII, Division 1, 5594			Cunican	OCTOE	ED 17	10	98	
U Centificate	of Authorization	INO.				Expires	OCTOL	ER 27	, 19	20	
Date //	1-97	Name Paul	Mueller Compa	iny (Manufacti	ıror\		and the same of th	Signed	ne la		
				CERTIFIC		UOD INICI	DECTIO	NI	(neprese	i itativ 💮	
and employed the pressure v Manufacturer h employer make	by CON essel described has constructed has any warranty, er shall be liable	MMERCIAL in this Manufacthis pressure ve expressed or in	sued by The Nation UNION INSUR turer's Data Report ssel in accordance inplied, concerning for any personal in	nal Board of	oiler and Presonant Presonat Presonant Presonant Presonant Presonant Presonant Presona	ssure Vesse 9 <u>47</u> n VIII, Divisi ribed in this I	and state on 1. By si Manufactu any kind a	rs and the State or of BOSTON that, to the best gning this certific rer's Data Report	MA of my knowle ate neither the Furthermore nnected with	e Inspector n	pected ef, the or his nspector
			(Authorized Ins	pector)	192		(Na	t'l Board incl. end	lorsement, St	ate, Province	and No.)
•		•	CERTIFICA	TE OF FIE	ELD ASSE	MBLY CC	MPLIAN	ICE			- Maria Angelongue Ang
•	the statements of VIII, Division 1,	on this reportare	correctand that the	he field assen	nbly construc	ction of all pa	irtsof this v	essel conforms v	vith the require	ements of AS	SME
J Certificate o	f Authorization N	lo.		E	Expires		The little species of legislations		, 19	# .a . a .a	
Date	Nam	e .	7.800		way was a was a way of the second second	Sigr	ned	and the second s			
				embler)	D ACCES	DIV NO	DEOTIO	(Represe	eritative)		
			CERTIFICAT								
•	•	alid commission	issued by The Na	ational Board	of Boiler and	Pressure \	•	ectors and the S	tate or Provin	ice of	
and employed	•						of	<u></u>			
nave compare	u ine statements		cturer's Data Repo		•			•			
war managed	and cubicated t		ot included in the d				•	ed by me and to hspector nor his e			
	and subjected t		test of and assembled this								
			e vessel described	•							
·	•	• .	or property damag			•			•	. grayere	
Date	Signe		, , , ,	_		issions		•			
	- Oigile		(Authorized Insp	ector)			Nat'l Boar	d incl. endorseme	ent, State, Pro	vince and N	0.)

## FORM U-4 MANUFACTURER'S DATA REPORT SUPPLEMENTARY SHEET As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

Date 11-4-97 Name PAUL MUELLER COMPANY  Commission Name PAUL MUELLER COMPANY  Commission Name Company  Company  Commission Name Company  Commission Name Company  Commission Name Company  Company	. Manufactured and cr	erufied b	y PAUI	_ MUELL	ER CO	OMPANY 1	500 W P	HELPS	PO E	80X 82	28 SPRII	NGFIELD !	MO 65801
VERTICAL   VESSEL   197088	. Manufactured for	R0	SENMUND	INC.	9110	FORSYTH I				TTE !	NC 2827	3	
PC09742D REV D   27477   1997   1997   1997   27477   1997   27477   1997   27477	. Location of installets	on	ROSENM	UND INC	. 9	110 FORSY				ARLOT	TE NC 28	3273	
PC09742D REV D   27477   199	VER1	ΓΙCAL				VESSEL					19	97088	
Design Proof   Commence   Comme	. Type:		37 107474				101 12A, 10E-i	-			Mig	s. send No.)	
Cata Proport   Cata				PC	0974	2D REV D				274	77		1997
SAMPLE   2 2"   PADFLG   SAMP 316L   COUNTS   COUNT	— Legge angermanne — Ville	(CRN)				(Drawing No	u)			Nart	3d. No.)		(Year build
SAMPLE   2 2"   PADFLG								Remark	xs			· · · · · · · · · · · · · · · · · · ·	
SAMPLE   2   2"   PADPLG   BA779 316L    0     UW16.1(C)		i	i	1	!	Vateria	'sorme P	-CANONA	i			Arrand	1
SAMPLE   2   2"   PADFLG   SAM9 SIGL    0     UM16.1(C)       BALANCE LIME   1   1.5"   C1950STGS9312 SIGLSANZ SIGL  SCH40   0     UM16.1(C) UM16.1(K)       SPARE W/BLIND   1   4"   C1950STGS9312 SIGLSANZ SIGL  SCH40   0   SA240 SIGL   UM16.1(Q) UM16.1(K)       DUST FILTER   1   12"   C1950STGS9312 SIGLSANZ SIGL  SCH40   0   SA240 SIGL   UM16.1(Q) UM16.1(K)       INSPECTION   1   26"   MANWAY   SA240 SIGL    .50"   0   SA240 SIGL   UM16.1(Q)   UM16.1(K)       INSPECTION   1   26"   MANWAY   SA240 SIGL    .50"   0   SA240 SIGL   UM16.1(Q)   UM16.1(K)       INSPECTION   1   26"   MANWAY   SA240 SIGL    .50"   0   SA240 SIGL   UM16.1(Q)   UM16.1(K)       INSPECTION   1   27"   C1950STGS3312 SOLLSANZ SOLL   SCH40   0     UM12 (1)   UM16.1(K)       MTBE/MECH   1   2"   C1950STGS3312 SIGLSANZ SIGL  SCH40   0     UM16.1(C) UM16.1(K)       MTBE/MECH   1   2"   C1950STGS3312 SIGLSANZ SIGL  SCH40   0     UM16.1(C) UM16.1(K)       SIURRY OUTLET   1   3.856"   PADFLG   SA29 SIGL  SCH40   0     UM16.1(C) UM16.1(K)       SIURRY OUTLET   1   3.856"   PADFLG   SA29 SIGL  SCH40   0     UM16.1(C) UM16.1(K)       FILTRATE OUTLET   1   1.5"   C1950STGS3312 SIGLSANZ SIGL  SCH40   0     UM16.1(C) UM16.1(K)       INLET/OUTLET   2   3"   C1950STGS3312 SIGLSANZ SIGL  SCH40   0   SA240 SIGL   SCH40   0     UM16.1(C) UM16.1(K)       INLET/OUTLET   2   3"   C1950STGS3312 SOLLSANZ SIGL  SCH40   0   SA240 SIGL   SCH40   0   SA240 SIGL		Ya.		1	40,00		<del></del>		1		<del></del>	1	1
SALANCE LIMPE   1   1.5"   CLISSOFIGSABLE 316L SCHEO   0   SALED   CLUM16.1 (C) UM16.1 (K)	<del></del>	<del></del>			<del></del>				-			<del></del>	<del>;</del>
SPARE W/BLIND   1							SCH40				<del></del>		
DUST FILTER   1   12"   CLISOSTEGSA312 316LSA182 316L   SCH40   0   SA240 316L   UW16.1(Q)   UW16.1(K)     INSPECTION   1   26"   MANNAY   SA240 316L     .50"   0   SA240 316L   UW16.1(Q)     TOP   HEAD   CUTENTAP, DIET   2-2   3"   CLISOSTEGSA312 20ALSA182 30AL   SCH40   0     UW12(1)   UW16.1(K)     UW16.1(C)   UW16.1(K)     UW16.	<del></del>	: 1		CL15090F10	GSA312	316L SA182 316L		0	SA240	316L			<del></del>
CUTET/H.P.   DAET   2-2   3"   CIISOSOFIGSRAIZ 304L SANEZ 304L   SCH40   0     UNI2 (1)   UNI6.1 (K)       AGITATOR   1   13.75"   PADPIG     SANO 316L   2.86"   0     UNI6.1 (C) UNI6.1 (K)       VENT   1   2"   TISOSOFIG SAIZ 316L SANEZ 316L SCH40   0     UNI6.1 (C) UNI6.1 (K)       WINDE/MEDH   1   2"   CIISOSOFIG SAIZ 316L SCH40   0     UNI6.1 (C) UNI6.1 (K)       SIDE DISCHARGE   1   15.748"   PADPIG     SANEZ 316L   SCH40   0     UNI6.1 (C) UNI6.1 (K)       SLURRY OUTLET   1   3.856"   PADPIG     SANEZ 316L   SCH40   0     UNI6.1 (C) UNI6.1 (C)       FILTRATE OUTLET   10   1.5"   CIISOSOFIG SAIZ 316L SANEZ 304L   SCH40   0   SAZ40 304   UNI6.1 (C) UNI6.1 (K)       INLET/OUTLET   2-2   3"   CIISOSOFIG SAIZ 304L SANEZ 304L   SCH40   0   SAZ40 304   UNI6.1 (C) UNI6.1 (K)       THE STED IN THE VERTICAL POSITION. ONE THERMOWELL SA479 316L WELDED IN THE STED IN THE VERTICAL POSITION. ONE THERMOWELL SA479 316L WELDED IN THE SHELL. BOTTOM HEAD SA240 304L IS FLAT SUPPORTED BY 6, SA36   TBANE     WELDED TO HEAD AND SHELL EXT. *SIGHT GLASS IS WELDED IN MANWAY COVER.     BOTTOM HEAD WELDED TO SHELL EXT. *SIGHT GLASS IS WELDED IN MANWAY COVER.     BOTTOM HEAD WELDED TO SHELL EXT. *SIGHT GLASS IS WELDED IN MANWAY COVER.     BOTTOM HEAD WELDED TO SHELL EXT. *SIGHT GLASS IS WELDED IN MANWAY COVER.     SHELL BY BURST - 2/2/90.   UNI3.2(F). PROOF TEST FOR TOP HEAD BY BURST - 3/24/86. PROOF TEST FOR SHELL BY BURST - 2/2/90.     Commission   Type   PAUL MUELLER COMPANY   Signed   Commission   Commi		! 1	12"	CL15080F1	GISA312 .	316LISA182 316L	SCH40	0	I SA240	316L			
AGITATOR 1 13.75" PADFLG \$240 316L 2.96" 0 UN16.1(C) UNT6.1(C) UNT6.1(C) UNT6.1(K) U		1		MANWAY	SA240	316L I	.50"	0	1 SA240	316L	UW16.1(Q	)i	TOP HEAD
VENT	OUTLET/H.P. INLET	1 2-2	3"	C1150SOF1	G SA312 :	304L SA182 304L	SCH40	0	ī		UW12(1)	UW16.1(K)	
VESSEL IS A 10m2 SIDE DISCHARGE FILTER DRYER WITH HALF PIPE HTS ON SHELL ROTTOM HEAD AND HTS JACKET ON BOTTOM HEAD. VESSEL WAS HYDROSTATICALLY THE SHELL. BOTTOM HEAD SA240 304L IS FLAT SUPPORTED BY 6. SA36 I-BEAM WELDED TO HEAD AND SHELL EXT. *SIGHT GLASS IS WELDED IN MANWAY COYER. BOTTOM HEAD WELDED TO SHELL FULL PENETRATION CORNER JOINT, SIMILAR TO UW13.2(F). PROOF TEST FOR TOP HEAD BY BURST - 2/2/90.   Vessel By B	AGITATOR	1	13.75"	PADFLG		- SA240 316L	2.86"	0_	į			UW16.1(C)	
MTBE/MEOH   1   2"   CLISCOPTIG SABLE 316LI SABLE 316LI SCH40   0     UN16.1(C) UN16.1(K)         SIDE DISCHARGE   1   15.748"   PADFLG     SAB2 316LI   3.070"   0       UN16.1(C)         SLURRY OUTLET   1   3.856"   PADFLG     SAP3 316LI   2.822"   0       UN16.1(C)         FILTRATE OUTLET   10   1.5"   CLISCOPTIG SAB12 316LI SAB2 316LI   SCH40   0     UN16.1(C) UN16.1(K)         INLET/OUTLET   2-2   3"   CLISCOPTIG SAB12 304LI SCH40   0   SA240 304   UN16.1(Q) UN16.1(K)         INLET/OUTLET   2-2   3"   CLISCOPTIG SAB2 304LI SCH40   0   SA240 304   UN16.1(Q) UN16.1(K)         INLET/OUTLET   2-2   3"   CLISCOPTIG SAB2 304LI SCH40   0   SA240 304   UN16.1(Q) UN16.1(K)         INLET/OUTLET   2-2   3"   CLISCOPTIG SAB2 304LI SCH40   0   SA240 304   UN16.1(Q) UN16.1(K)         INLET/OUTLET   2-2   3"   CLISCOPTIG SAB2 304LI SCH40   0   SA240 304   UN16.1(Q) UN16.1(K)         UN16.1(C) UN16		1		t115080F10	G SA312	316L <sup>i</sup> SA182 316L	SCH40	0	i		UW16.1(C	) UW16.1(K)	
SLURRY OUTLET 1 3.856" PADFIG SW479 316L 2.822" 0 UW16.1(C) FILTRATE OUTLET 10 1.5" CIL50SOFIG SA312 316L SCH40 0 UW16.1(C)UW16.1(K) INLET/OUTLET 2-2 3" CIL50SOFIG SA312 304L SCH40 0 SA240 304 UW16.1(Q)UW16.1(K) INLET/OUTLET 2-2 3" CIL50SOFIG SA312 304L SCH40 0 SA240 304 UW16.1(Q)UW16.1(K)  VESSEL IS A 10m² SIDE DISCHARGE FILTER DRYER WITH HALF PIPE HTS ON SHEI AND TOP HEAD AND HTS JACKET ON BOTTOM HEAD. VESSEL WAS HYDROSTATICALLY TESTED IN THE VERTICAL POSITION. ONE THERMOWELL SA479 316L WELDED IN THE SHELL. BOTTOM HEAD SA240 304L IS FLAT SUPPORTED BY 6, SA36 I-BEAMS WELDED TO HEAD AND SHELL EXT. *SIGHT GLASS IS WELDED IN MANWAY COVER. BOTTOM HEAD WELDED TO SHELL FULL PENETRATION CORNER JOINT, SIMILAR TO. UW13.2(F). PROOF TEST FOR TOP HEAD BY BURST- 3/24/86. PROOF TEST FOR SHELL BY BURST - 2/2/90.  UN0. 5594 Expires OCTOBER 27 19 98  PAUL MUELLER COMPANY  Care 11-4-97 Name PAUL MUELLER COMPANY  Commission 18-11-11-11-11-11-11-11-11-11-11-11-11-1	· - · · - · · · · · · · · · · · · · · ·	1	211	CL150SOFT	G <b>SA</b> 312	316L SA182 316L	SCH40	0	i		UW16.1(C	)UW16.1(K)	
FILTRATE OUTLET 10   1.5" CLISCOPIG SA312 316LISAL82 316LI SCH40   0	SIDE DISCHARGE	1	15.748"	PADFLG		- SA182 316L	3.070"	0	!			UW16.1(C)	
VESSEL IS A 10m² SIDE DISCHARGE FILTER DRYER WITH HALF PIPE HTS ON SHEI AND TOP HEAD AND HTS JACKET ON BOTTOM HEAD. VESSEL WAS HYDROSTATICALLY TESTED IN THE VERTICAL POSITION. ONE THERMOWELL SA479 316L WELDED IN THE SHELL. BOTTOM HEAD SA240 304L IS FLAT SUPPORTED BY 6, SA36 I-BEAMS WELDED TO HEAD AND SHELL EXT. *SIGHT GLASS IS WELDED IN MANWAY COVER. BOTTOM HEAD WELDED TO SHELL FULL PENETRATION CORNER JOINT, SIMILAR TO. UW13.2(F). PROOF TEST FOR TOP HEAD BY BURST- 3/24/86. PROOF TEST FOR SHELL BY BURST - 2/2/90.  UNO. 5594  Expires OCTOBER 27  13 98  Carrofficate of Authorization: Type UNO. 5594  Expires OCTOBER 27  13 98  Carrofficate of Authorization: Type UNO. 5594  Expires OCTOBER 27  13 98  Carrofficate of Authorization: Type UNO. 5594  Expires OCTOBER 27  13 98  Carrofficate of Authorization: Type UNO. 5594  Expires OCTOBER 27  13 98  Carrofficate of Authorization (FSQ118) may see optioned from the ASME Order Depts. 22 Law Prive, Box 2300, Fairfield, NJ 07007-2300  REPARAMENTAL TORSION (FSQ118) may see optioned from the ASME Order Depts. 22 Law Prive, Box 2300, Fairfield, NJ 07007-2300  REPARAMENTAL TORSION (FSQ118) may see optioned from the ASME Order Depts. 22 Law Prive, Box 2300, Fairfield, NJ 07007-2300	SLURRY OUTLET	٠ 1	3.856"	PADFLG		<b>- 5447</b> 9 316L	2.822"	0	:			UW16.1(C)	
VESSEL IS A 10m2 SIDE DISCHARGE FILTER DRYER WITH HALF PIPE HTS ON SHEIL AND TOP HEAD AND HTS JACKET ON BOTTOM HEAD. VESSEL WAS HYDROSTATICALLY TESTED IN THE VERTICAL POSITION. ONE THERMOWELL SA479 316L WELDED IN THE SHELL. BOTTOM HEAD SA240 304L IS FLAT SUPPORTED BY 6, SA36 I-BFAMS WELDED TO HEAD AND SHELL EXT. *SIGHT GLASS IS WELDED IN MANWAY COVER. BOTTOM HEAD WELDED TO SHELL FULL PENETRATION CORNER JOINT, SIMILAR TO UW13.2(F). PROOF TEST FOR TOP HEAD BY BURST- 3/24/86. PROOF TEST FOR SHELL BY BURST - 2/2/90.  UND. 5594 Expires OCTOBER 27  PAUL MUELLER COMPANY  Commission  OCTOBER 27  OCTOB	FILTRATE OUTLE	T 10	1.5"	(1.150SOFL	G <b>5</b> 8312	316L SA182 316I	SCH40	0	i		UW16.1(0	CNUW16.1(K)	!
AND TOP HEAD AND HTS JACKET ON BOTTOM HEAD. VESSEL WAS HYDROSTATICALLY  TESTED IN THE VERTICAL POSITION. ONE THERMOWELL SA479 316L WELDED IN  THE SHELL. BOTTOM HEAD SA240 304L IS FLAT SUPPORTED BY 6, SA36 I-BEAMS  WELDED TO HEAD AND SHELL EXT. *SIGHT GLASS IS WELDED IN MANWAY COVER.  BOTTOM HEAD WELDED TO SHELL FULL PENETRATION CORNER JOINT, SIMILAR TO  UW13.2(F). PROOF TEST FOR TOP HEAD BY BURST- 3/24/86. PROOF TEST FOR  SHELL BY BURST - 2/2/90.  UNO. 5594 Expires OCTOBER 27 13 98  Date 11-4-97 Name PAUL MUELLER COMPANY  Signed Commission NB 11474A MO CO  Commission Commission NB 11474A MO CO  Commission Commission NB 11474A MO CO  Commission NB 11474A MO CO  This form 1500118) may be obtained from the ASME Order Dept., 22 Law Prive, Sox 2300, Fairfield, NJ 07007-2300 3EPR	INLET/OUTLET	2-2	3"	01.15080F1	G  SA312	304L SA182 304L	SCH40	0	SA240	304	UW16.1(C	)!UW16.1(K)	<u> </u>
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