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



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anuta	ctured for	DIVIT	II-KOC	√T1						(Name	and ad	dress of Pu	rchaser)						
Locatio	n of Install	ation <u>C</u>	ONSH	OCKEN, 1	PENNS	YLVAN	IIA													
_	Vortice	.1			Ioo	katad V	aggal				(Na	me and add	lress)				,	2-102		
Туре:	Vertical Jacketed Vessel (Horiz., vert., or sphere) (Tank, separ							rator, jkt. vessel, heat exh., etc.)							-:-			serial I		
			•			2	-102						247			_			2002	
		(CRN)				(Dra	wing No	0.)				(Na	t'l. Bd. l	No.)				(Ye	ear built)	
ASME	Code, Sec	tion VIII, Div	. 1 _20	01 EDITI							Code	Case No.		_ =						
ems 6 - 1	1 Incl. to b	e completed	l for single	Edition wall vessels		enda (date of jacketed		ls, shell	of heat	exchang			multi-c	hambe	r vesse		Servic	e per u	IG-120(d)	
Shell ((a) No. of c	course(s):	1					(b) Overa	all length	(ft & in.)): <u>2'-0</u>	"							
	Cou	rse(s)			Antorial			Thickn	ioce	1.1	ona Joi	nt (Cat. A)		Circu	ım .loi	nt (Cat	A R &	C)	Heat Trea	tmont
lo. Diai	meter, in.	Length (ft.	& in)		Material Trade or T	Vne	N	lom.	Thickness om. Corr. Type		1	oot, None	Eff.	 	Olrcum. Joint (Cat. ype Full, Spot, No				пеасттеа Гетр.	Time
	3/4" I.D.	2'-0'		Spec./Grade or Type SA-240Tp.304			046		1	1	ione	70%		,						
Heads:	(a) _	/A <i>1</i>	at'i Snoo A	No., Grade o	r Typo) H	T -Time &	Tomp			(b) -		/Mat'l S	noo Ni	Grad	lo or Ti	уре) Н.Т	-Time	g Tom	n.	
Locati	on (Top,	Thick	-	Rac		Elliptical		Conical	.	Hemispi	harical	Flat	i i	ide to F			111110		Dategory	۸
1	n, Ends)	Min.	Corr.	Crown	Knuckie	Ratio		pex Ang		Rad		Diameter		ivex			Туре	e Full, Spot, None		
)]	N/A																	•		
<u></u>																				ļ
Type of	i jacket give dimer		E JACKI	ET							closure	Spec. No.	Wel	d Describ		ogee & w	_ If bo	olted, de	escribe or	
Type of if bar, MAWP	i jacket give dimer (int	DIMPLE sisions _ 150 _ ternal)	U (extern	ETpsiaal)	at max. ten	np. (in (EMPT) (indic	350 ternal) PER U	JHA-s or no	 (extern 51 and the	nal)	o _F	Ogee &	well (d Describ emp.	00 as 0	-20 at test te	If bo	at ure of	150	º
Type of if bar, g MAWP	jacket give dimer (int	DIMPLE sisions _ 150 _ ternal)	O (extern	ET psi a ai) APACT T	at max. ten	np. (in (EMPT) (indic	350 ternal) PER U	JHA-s or no	 (extern 51 and the	nal)	o _F	Ogee &	well (d Describ emp.	00 as 0	-20 at test te	If bo	at ure of	150	of
Type of if bar, g. MAWP. Impact Hydro. Hydro. Bms 12 a	give dimer (int test] , pneu., or	DIMPLE sistens	O (extern	ETpsi a ai) APACT T	at max. ten	np. (in (EMPT) (indic	350 ternal) PER U	JHA-s or no	 (extern 51 and the	nal)	o _F	Ogee &	well (d Describ emp.	00 as 0	-20 at test te	If bo	at ure of	150	of
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Type of if bar, a MAWP . Impact . Hydro. ems 12 a . Tubesi . Tubesi . Tubes: ems 14 -	jacket give dimer (int test] , pneu., or and 13 to theet:S ting (Mat'l S 18 incl. to	DIMPLE sisions	(extern RPY IN press. Hypress. Hypress. N/A lat'l Spec.	psi a al) MPACT T vdrostatic sections. No.)	EST EX 21 Dia., ir	mp(in the control of the con	350 ternal) PER U cate yea G. P	S or no error tes	(extern 51 and the st 11/	Nomthk., irchangers	o _F n. thk., i	Ogee & Min. design mpact teste ST UG-1 n. Corr. Allow	d) O1.M Co	d Descrik emp. ACCI	EPTE	-20 at test te	oF mperat 25/92 Attach	ment (v	velded or	p: °F
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Type of if bar, MAWP MAWP Impact Hydro. Tubesi Tubesi Tubes: Shell (give dimen (int test] , pneu., or and 13 to theet: Sting (Mat'l S 18 incl. to (a) No. of c	DIMPLE sisions 150 ternal) NO, CHA comb. test the completed stationary (Market No.) pec. No.) pec. No. Gr be completed course(s): rse(s)	O (extern RPY IN press. Hydror tube N/A lat'l Spec.	psi a al) //PACT T //drostatic sections. No.) Dia., in	tt max. ten EST EX 21 Dia., ir	mp(indicate of the control o	350 ternal) PER U cate yea G. P	UHA-s or no esc.) s.) n. thk., in the control of	(extern 51 and the st 11/	Nom	ent(s) in BURS	Ogee & Min. design mpact teste ST UG-1 n. Corr. Allow uge): 3'-4 ong. Joint (d) O1.M Co , in. Cat. A)	d Describ emp. ACCI	EPTE	-20 at test te ED 11/2	of properties of the propertie	ment (v	150 welded or traight or Heat Ti	post post post post post post post post
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, the unders	igned, ho	olding a val	lid commission is	sued by the Natio					or the State or Prov	ince of	TN	
nd employe	ed by 📙	ISB CT				4			ARTFORD, C	<u> </u>	ve inspected	
ne pressure	vessel d	lescribed i	n this Manufactu	rer's Data Report o	on <u>3-29</u>	1_,Z00Z	and state	that, to the	best of my knowle	dge and belief,	the	
lanufacture	r has cor	nstructed t	his pressure ves	sel in accordance	with ASME Cod	a Castian VIII D						
						ie, Section Viii, D.	ivision 1. By	signing this	certificate neither t	he inspector no	or his	
or his empk			expressed or in	plied, concerning t		ssel described in	ivision 1. By t this Manufac	signing this sturer's Data	certificate neither t a Report. Furthermo	ore, neither the	or his Inspector	
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FORM U-4 MANUFACTURER'S DATA REPORT SUPPLEMENTARY SHEET As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1



. Manufactured a	nd ce	ertified by	Sovereign Stainl	ess Fabricators, In				ooga, TN 37400 anufacturer)	5				
. Manufactured fo	r	SMITE	I-KOCH					· · · · · · · · · · · · · · · · · · ·					
. Location of insta	llatio	on (CONSHOCKEN, F	PENNSYLVANIA		and addres		naser) 					
Vanti	1			Jacketed Ves	.*	ne and add	ress)		2-102				
. Type: Vertic		/Horiz vo	rt., or sphere)		tor, heat exh., etc.)				(Mfg's serial N	<u>. </u>			
		(HUNZ., VO	n., or spriere)	, , ,	•			247	(IVIIY 5 SOLIDI IV		2		
		(CRN)		2-102 (Drawing No.)				(Nat'l. Bd. No.)					
. Nozzies, in	spec	. ,	afety valve openings:	(Δ.	uming 110.,			(Nati. Du. 140.)		(Teal bui			
Dumana (Inlat			Flange	Material N			nickness	Reinforcement	How Attached		Location		
• •		Dlameter or Size	Type	Nozzle	Flange	Nom.	Corr.	Material	Nozzle	Flange	(Insp. Open		
MIX/BYPASS	1	14"		_	SA182F 304	3/8"		SA-240-304	UW 16.1 (e)				
	1	3"	150# RFSO FLG.	SA 240-304	1	SCH40		NOT REQ'D	,	FIG 2-4(3)	,		
DRAIN	1	2"	150# RFSO FLG.	SA312Tp.304	SA182F 304			NOT REQ D	UW16.1(e)	1 ' '	*****		
RUPTURE	1		150# RFSO FLG.	SA312Tp.304	SA182F 304	SCH40					PRESIDE		
IQUID INLET		2"	150# RFSO FLG.	SA312Tp.304	SA182F 304			NOT REQ'D	UW16.1(e)	1			
VENT	1	1"	THD'DCPLG		SA182F 304			NOT REQ'D	UW16.1(e)				
VENT	1	1"	THD'DCPLG		SA182F 304			NOT REQ'D	UW16.1(e)	1			
SAMPLE	1	1/2"	THD'DCPLG	====	SA182F 304			NOT REQ'D	UW16.1(e)				
TEAM INLET	1	1 1/2"	THD'DCPLG		SA182F 304			NOT REQ'D	UW16.1(e)				
CONDENSAT	1	1 1/2"	THD'DCPLG		SA182F 304			NOT REQ'D	UW16,1(e)				
TEMP.	1	1/2"	THD'DCPLG		SA182F 304			NOT REQ'D	UW16,1(e)	1			
TEMP.	1	1/2"	THDTDCPLG		SA182F 304			NOT REQ'D	UW16.1(e)				
EVEL. CONT.	1	1/2"	THD'DCPLG		SA182F 304			NOT REQ'D	UW16.1(e)				
EVEL CONT.	1	1/2"	THD'DCPLG		SA182F 304			NOT REQ'D	UW16,1(e)				
Data Rej Item Nun					Remarks	3							
											4900		
ertificate of Autho	rizat	ion:	Type <u>(Lo</u>	MM 3-24-02 No. 24,	606	Expire	s 02/06)		02 Z00!	pmm 6		
Date 3/29/0			•	Stainless Fabricate (manufacture		,	Signe	Davin M	representat	ve)			
Date 3-25	3	^ 7		4	11 111			NB10822	A TWO	1/27			