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Page 1	of 2	_ '

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS (Alternative Form for Single-Chamber, Completely Shop- or Field-Fabricated Vessels Only) As Required by the Provisions of the ASME Boiler and Pressure Vessel Code Rules, Section VIII, Division 1

	X4	-	-	600 50 50			Moore C	Control Sy	etems In	c 14	1827	L-10 Fas	t Baytow	n Tv	77523		
1.	Manufact	ured ar	nd cert	ified by			Woore	Jonitol Sy.	stems, m		1021	I-10 Las	t, Baytow	1, 1	11023		
2.	Manufact	ured fo	ır				М	arathon O	(Name and Oil Co., Ca e and addre	arlsba	d, Ne	ew Mexic					
2						1	Marathon C						w Mexico	8822	0		
3.	Location	of insta	illation						(Name			-					
4.	Туре	Ve prizontal o	rtical r vertica	, tank) (Ma	1816	5-10 serial number)	(CRN)	18165-	XXXX		-	(National E	17 Board nu	ımber)		2018 Year built)
						2017 Editi			(3-100)			2)	(1).000000000000000000000000000000000000				
5.	ASME Co	de, Sed	ction V	III, Div. 1	[Edition	and Addenda, if a		te)]	((Code C	ase no	umber)		-	[Special	service per	UG-120(d)]
6	Chall		SA-51	6-70		.375"		0"			4'-	0" O.D.				20'-0" SN	//SM
о.	Shell	(Materia	al spec. r	umber, grad	e) (Nominal thicknes	s) (0	Corr. allow.)		-	(Inne	er diameter)	-		(Length (o	verall)]
							Body Fl	anges on SI	hells								
										-				В	olting	asher	
No.	Туре	ID	OD	Flange 1	hk Min Hut	Thk Mate	rial	How Attach	ed Locat	ion	Nun	n & Size	Bolting Ma	terial	(OD,	ID, thk)	Washer Materia
			-														
	-		-	-	-					-		-		\rightarrow			-
-			+	-						\neg	-			\neg			
7.	Seams		Тур	e 1			100%					Туре			Spot	100%	2
		[Long. (we	elded, db	l., sngl., lap,	butt)] [R.T.	(spot or full)]	Eff., %) (1	H.T. temp.)	(Time, hr) [Gir	th (we	ided, dbl.,	sngl., lap, bi	utt)]	[R.T. (spo or full)]	(Eff., %	(No. of courses)
8.	Heads: (a	a) Mater	rial			SA-516-70N		110000	(b) Ma	teria	ı				516-70N	ř.	
					(:	Spec. no., grade)		_	-1			1	0.0	Spec. no	o., grade)	· · · · · · · · · · · · · · · · · · ·	
	100000000000000000000000000000000000000	on (Top, m, Ends)		Minimum Thickness	Corrosio		Knuckle Radius	Elliptica Ratio	The second	Conical ex Ang	desired 3	Hemisp	herical dius	50,550,000	lat neter		to Pressure c or Concave)
(a)	-	End	-	.3125"	0"	1		2:1	7,42		,,,,,	1	,,,,,,	0.01		120000000000000000000000000000000000000	Concave
(b)		End		.3125"	0"			2:1							-		Concave
														1000			
	т	_	_	1			Body	Flanges on	Heads	_				B	Bolting		
		ļ	1 11		Flores	Thi Adia II is Thi	1 122151 277		How Attack	had	Num	& Size	Bolting M		W	asher	
(a)	Location	Туре	- 10	00	Frange	Thk Min Hub Thk	Mater	ial	How Attached		Num & Size		Bolting Materia		terial (OD, ID, thk)		Washer Materia
(b)					-					_				_			
	MAWP .		250 P	SI				at max.	temp			150 °	F				
Э,	WIAVVI -		(Interna	7.		(External)	at max.	. temp.	-		(Internal)			(Extern	al)
	Min. desi	gn met	al temp	o	°Fa	t250 PSI	Hyd	dro., pneu	u., or con	nb. te	est pr	essure			Hydro @	325 PSI	
	Proof tes	t															
10.	Nozzles,	inspect	ion, an	d safety	alve ope	nings:											
Aveca.	Purpose	· T	-				Material		Nozzle 1	Thickne				Atta	chment D	otaile	2 2
	nlet, Outlet, Drain, etc.)	١,	No.	Diameter or Size	Туре	Nozzle		lange -	Nom.	Co		Reinford		Nozzle		lange	Location (Insp. Open.)
_	anway w/Cv	_		18" 150#	RFSO	SA-106B		A-105	.938"	0		SA-51		Welde	_	Velded	Shell
	Inlet		_	6" 150#	RFWN	SA-106B		A-105	.432"	0	-			Welde		Velded	Shell
١	Vater Outle	t	1 :	3" 3000#	CPLG	SA-105	3.00		.375"	0)"	7		Welde	ed		Shell
(Sauge Glass	S	2 1	/2" 6000#	CPLG	SA-105			.33"	0)"	0.8		Welde	ed		Shell
	Supply Gas		1 1	/2" 6000#	CPLG	SA-105			.33"	0	"			Welde	ed		Head
	Drain		1 :	2" 3000#	CPLG	See Note 1			.33"	0)"			Welde	ed		Head
															Mold	ad to Hoo	
1.	Supports	: Skirt .	(Yes or	Lugs	(Numbe	Legs(N	Ot	her	(Desor	ihel		_ Attac	hed			ed to Hea	
2.	Remarks:	Manuf	acture	's Partial	Data Rep	orts properly	identified	and signe	ed by Co	mmis	ssion	ed Inspi	ectors ha	ve bee			, the following
	items of t						ial# 7935C										
			-			(Name of part, it											
		,,,				See U4 a	ttached.	No Charpy	Impact Te	estig p	er UG	5-20(f)		5 0			

		FORM U-1	IA		Page2	of
Manufactured by	Me	oore Control Systems, Inc., 1	14827 I-10 East, B	aytown, Tx 77523	S 200 700 SARC TO	
Manufacturer's Serial No	18165-10	CRN	Natio	nal Board No	17	
		CERTIFICATE OF SHOP/FIE	LD COMPLIANCE			
We certify that the statements may conform to the ASME BOILER AND expires February 16, 2019			ion 1. "U" Certifica	te of Authorization	number 528	
Date 6-4-18 Co. name	Mo	ore Control Systems, Inc. (Manufacturer)	Signed	Lemet	(Representative)	
	-	CERTIFICATE OF SHOP/FIE	LD INSPECTION			
Vessel constructed by	Moore Con	trol Systems, Inc.	at	14827 I-10 East, I	Baytown, Tx 77523	
I, the undersigned, holding a v Authorized Ins	ralid commissio spection Associat		oard of Boiler an	d Pressure Vessel	Inspectors and en	nployed by
have inspected the component of	lescribed in this	Manufacturer's Data Report	on	-11004910	, an	d state that,
to the best of my knowledge and			*			
VESSEL CODE, Section VIII DIV	\			and the second s		
shall be the any more for						
20 1010	MARIL	EA MER	1	NBI	3111111	ction.
Date Signed	(Auti	forized Inspector	Commissions -	(National Board Autho	rized Inspector Commissio	n number)

(07/17)

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

rtified by	Moore Control Systems, Inc., 14827	I-10 East, Baytown, Tx 77523	
on			
Vertical			10
zontal, vertical, or spriete/		Fig. 1	
			2018 (Year bui
	(brawing number)	(Ivational board flumber)	(Tear buil
•	Remarks		
Elbow-1-SA-234-WPB, S/	80, 90° LR / Pipe-1-SA-106B, S/80		
* (OTV 46 Eq.) 1 1/9" Dia	v 6 1/4" La CA 102 D7 Stude w/ /2 Ea) CA 104 2H Has	nu Hov Nuts	
- (Q11 10 Ea) 1 1/0 Dia.	x 0 114 Lg. 3A-193-b7 Studs W/ (2 La) 3A-194-211 Nea	avy riex inuis	
(1) Gas Outlet Nozzle: 6"	150# RFWN, Flange-1-SA-105, S/80 / Pipe-1-SA-106B,	S/80 .432" Thk., / Repad-1-SA-516-70,	.375" Thk.
- 			
0 Con. Allow., Nozzie / 11	ange Attachment, Welded, Welded III Flead		
-			
(1) Safety Head Nozzle: 2	" 3000# CPLG-1-SA-105, .3125" Thk., 0" Corr. Allow., No	ozzle / Flange Attachment: Welded, We	ided in Head
	Wante State of the		
(1) PI Nozzle: 1/2" 6000# 6	CPLG-1-SA-105, .33 Thk., 0" Corr. Allow., Nozzle / Flang	ge Attachment: Welded, Welded in Shel	1
(1) Water LLC Nozzle: 2" (3000# CPLG-1-SA-105,, .3125" Thk., 0" Corr. Allow., No.	zzle / Flange Attachment: Welded, Weld	ded in Shell
(1) Relief Nozzle: 2" 3000#	CPLG-1-SA-105., .3125" Thk., 0" Corr. Allow., Nozzle /	Flange Attachment: Welded, Welded in	Shell
-			
(1) Water Level Low Nozz	le: 3/4" 6000# CPI G-1-SA-105 35" Thk 0" Corr Allow	Nozzle / Flance Attachment: Welded	
(1) Water Lover Low Nozz	6. 6.4 6000m Gr Ed 1-67 100m, 65 11mm, 6 60m. 74160m	., Hozzie / Hunge / Madimion. Fronce	TTOIGGG III GITGII
			/
(1) Oil Level High Nozzle:	3/4" 6000# CPLG-1-SA-105,, .35" Thk., 0" Corr. Allow., r	Nozzie / Flange Attachment: Welded, W	reided in Shell
		A trade and a trade of the second law second	
-			
			G20.520
n: TypeU	No 52889 Expir	res February 16,	2019
		- 10	. ` ^
		40.	1-11
me	Moore Control Systems Jrc.	Signed Fermette	athe
me Affault	Moore Control Systems, Inc.	Signed Jernellu (Repres	athe sentative)
	* (QTY 16 Ea) 1 1/8" Dia. (1) Gas Outlet Nozzle: 6" 0" Corr. Allow., Nozzle / Fi (1) Safety Head Nozzle: 2 (1) PI Nozzle: 1/2" 6000# ((1) Water LLC Nozzle: 2" 3000# ((1) Water Level Low Nozzle: 1) Oil Level High Nozzle: 1	(Name and address of Marathon Oil Co., Carlsbad, Note (Name and address of Purcha Marathon Oil Co., 2423 Bonita St., Carls (Name and address of Purcha Marathon Oil Co., 2423 Bonita St., Carls (Name and address Vertical Vertical 2 Phase Separator (Name and address Vertical, vertical, or sphere) (Tank, separator, heat exch., etc.) 18165-XXXX Rev. 1 (Drawing number) F Remarks Elbow-1-SA-234-WPB, S/80, 90° LR / Pipe-1-SA-106B, S/80 *(QTY 16 Ea) 1 1/8" Dia. x 6 1/4" Lg. SA-193-B7 Studs w/ (2 Ea) SA-194-2H Head (1) Gas Outlet Nozzle: 6" 150# RFWN, Flange-1-SA-105, S/80 / Pipe-1-SA-106B, 0" Corr. Allow., Nozzle / Flange Attachment: Welded, Welded in Head (1) Safety Head Nozzle: 2" 3000# CPLG-1-SA-105, .3125" Thk., 0" Corr. Allow., Nozzle / Flange (1) Water LLC Nozzle: 2" 3000# CPLG-1-SA-105, .3125" Thk., 0" Corr. Allow., Nozzle / Ill (Nater Level Low Nozzle: 3/4" 6000# CPLG-1-SA-105, .35" Thk., 0" Corr. Allow., Nozzle / Ill (Nater Level Low Nozzle: 3/4" 6000# CPLG-1-SA-105, .35" Thk., 0" Corr. Allow., Nozzle / Ill (Nater Level Low Nozzle: 3/4" 6000# CPLG-1-SA-105, .35" Thk., 0" Corr. Allow., Nozzle / Ill (Nater Level Low Nozzle: 3/4" 6000# CPLG-1-SA-105, .35" Thk., 0" Corr. Allow., Nozzle / Ill (Nater Level Low Nozzle: 3/4" 6000# CPLG-1-SA-105, .35" Thk., 0" Corr. Allow., Nozzle / Ill (Nater Level Low Nozzle: 3/4" 6000# CPLG-1-SA-105, .35" Thk., 0" Corr. Allow., Nozzle / Ill (Nater Level Low Nozzle: 3/4" 6000# CPLG-1-SA-105, .35" Thk., 0" Corr. Allow., Nozzle / Ill (Nater Level Low Nozzle: 3/4" 6000# CPLG-1-SA-105, .35" Thk., 0" Corr. Allow., Nozzle / Ill (Nater Level Low Nozzle: 3/4" 6000# CPLG-1-SA-105, .35" Thk., 0" Corr. Allow., Nozzle / Ill (Nater Level Low Nozzle: 3/4" 6000# CPLG-1-SA-105, .35" Thk., 0" Corr. Allow., Nozzle / Ill (Nater Level Low Nozzle: 3/4" 6000# CPLG-1-SA-105, .35" Thk., 0" Corr. Allow., Nozzle / Ill (Nater Level Low Nozzle: 3/4" 6000# CPLG-1-SA-105, .35" Thk., 0" Corr. Allow., Nozzle / Ill (Nater Level Low Nozzle: 3/4" 6000# CPLG-1-SA-105, .35" Thk., 0" Corr. Allow., Nozzle / Ill (N	(Name and address of Manufacturer) Marathon Oil Co., Carlsbad, New Mexico (Name and address of Purchaser) Marathon Oil Co., 2423 Bonita St., Carlsbad, New Mexico 88220 (Name and address) Vertical Vertical Vertical 2 Phase Separator 18165 Zontal, vertical, or sphere) (Tank, separator, heat exch., etc.) (Manufacturer's: 18165-XXXX Rev. 1 17 (Orawing number) (National Board number) Remarks Eibow-1-SA-234-WPB, S/80, 90° LR / Pipe-1-SA-106B, S/80 (QTY 16 Ea) 1 1/8° Dia. x 6 1/4° Lg, SA-193-B7 Studs w/ (2 Ea) SA-194-2H Heavy Hex Nuts (1) Gas Outlet Nozzle: 6° 150# RFWN, Flange-1-SA-105, S/80 / Pipe-1-SA-106B, S/80 .432° Thk., / Repad-1-SA-516-70, 0° Corr. Allow., Nozzle / Flange Attachment: Welded, Welded in Head (1) Safety Head Nozzle: 2° 3000# CPLG-1-SA-105, .3125° Thk., 0° Corr. Allow., Nozzle / Flange Attachment: Welded, Welded in Shell (1) Water LLC Nozzle: 2° 3000# CPLG-1-SA-105, .3125° Thk., 0° Corr. Allow., Nozzle / Flange Attachment: Welded, Welded in Shell (1) Water LLC Nozzle: 2° 3000# CPLG-1-SA-105, .3125° Thk., 0° Corr. Allow., Nozzle / Flange Attachment: Welded, Welded in Shell (1) Water LLC Nozzle: 2° 3000# CPLG-1-SA-105, .3125° Thk., 0° Corr. Allow., Nozzle / Flange Attachment: Welded, Welded in Shell (1) Water LLC Nozzle: 2° 3000# CPLG-1-SA-105, .3125° Thk., 0° Corr. Allow., Nozzle / Flange Attachment: Welded, Welded in Shell (1) Water LLC Nozzle: 3′ 3000# CPLG-1-SA-105, .3125° Thk., 0° Corr. Allow., Nozzle / Flange Attachment: Welded, Welded in Shell (1) Water Level Low Nozzle: 3/4° 6000# CPLG-1-SA-105, .35° Thk., 0° Corr. Allow., Nozzle / Flange Attachment: Welded, Welded in Shell (1) Oil Level High Nozzle: 3/4° 6000# CPLG-1-SA-105, .35° Thk., 0° Corr. Allow., Nozzle / Flange Attachment: Welded, Welded in Shell

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FORM U-2A MANUFACTURER'S PARTIAL DATA REPORT (ALTERNATIVE FORM) A Part of a Pressure Vessel Fabricated by One Manufacturer for Another Manufacturer As Required by the Provisions of the ASME Boiler and Pressure Vessel Code Rules, Section VIII, Division 1

1. Ma	anufactu	red and	d certifie	ed by:			E	ise We	elding &	fabricat	ing, Ind	c. 19	00 De So	to Hou	ston, Texa	as 7709	1	29/19/22/19/20/4		
2. Ma	anufactu	red for:									(Name a	and ac	14827 I-1	nufacture	r)			2000 E		
3 10	cation of	f inetall	ation								(Name	and a	ddress of Pu	chaser)	Dytom,	127702				
J. LU	cation o	Hiotali	ation				170.500				(nknown and address)						
4. Ty		scription (of vessel o		Cylinder	e head, tube	bundie)])		-		935 A		ugh F					(CDM)		
									201 15	(IVId)	Olacidiei	5 58(1	iai number)					(CRN) 2018		
5 AS	(National ME Code			Div 1		(Drawing nu	umber) 2017				(Drawi	ng pre	pared by)					(Year buil	t)	
	WILL 000	0000	J., V.,,		[Edition	n and Adder		cable (dal	te)]		(Coc	de Cas	se number)			[S	pecial S	Service per	UG-120(d)]
6. She	eli (a) N	umber	of cours	e (s):			1			(b) Ove	erall I	Length: _				10'-0'			
	Cou	ırse(s)			Mater	rial	Thic	kness	T	Long.	Joint (C	Cat. A	()	Circur	n. Joint (Ca	at. A, B 8	(C)	T	Heat Tr	eatment
									22.5		<u> </u>									
No. 1	Diam 48"	OD	Length 10'-0"	Sp	SA 516		Nom. .375"	Corr	Typ:	e Full,	Spot, N Full	one	Eff.	Туре	Full, Sp	ot, None	E	ff.	Temp.	Time
				-																
				+		****			-						-		+			
									Body F	langes o	on She	ıle		-		2000				
					Flange	Min Hu	ıh	10070							Num &	Boltin	Bolt		. (OD	Machae
No.	Тур	e 1	D	DC	Thk	Thk	_	Materia	al	How Atta	ched	_	Location		Size	Mate		Washe ID, t		Washer Material
					-				-			-		-					-	
. Hea	ds: (a)									((b)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,								
			(Materia	d spec,	number, gr	ade or type)	(H.T time	and tem	ip)			-	(M	aterial sp	ec, number,	grade or t	ype) (H	.T time a	and temp)	
	Locati (Top		Thick	ness		Radius			Conical	. T				Cid	to Pressu	_	-	0-1-		
	Botto	m,						ptical	Apex	Hemi	ispheric		Flat					Category Full, Spot		
(a)	Ends	1	Min.	Cor	T Cre	own Knu	ickle R	atio	Angle	al F	Radius	+	Diameter	Conve	ex Conc	ave 1	уре	No	ne	Eff.
(b)																				
							T	В	ody Fla	anges o	n Hea	ds								
						Dept.	Flange				- 1			-	Num &	Boltin	Bolti	ing Washer	(OD,	Washer
(a)	Loc	cation	Ту	ре	ID	OD	Thk	Th	k	Materia	4	Но	w Attached	-	Size	Mater	ial	ID, th	nk)	Material
(b)																				
. MA	WP	-13000				at ma	x temp.	- 13 			7= 7		Min.	design	metal ten	np.		at		
	andrews services	(Interna	1)	(E)	xternal)			(Internal)		(Externa	1)				-				
. Imp	oact Test		-		Indicate ye	es or no and	No.	nent(s) in	pact teste	ed			at test	temper	ature of					
0. Hy	dro ., pnc	u., or (somb. te							Proof Te	est									
					valve op						-									
Pur	pose		Diam			1	Materi	al	Т	Nozzle 7	Thickne	ss	Delefere		I A	ttachmer	nt Deta	ils	Т.	
	Outlet, n, etc)	No.	or S		Туре	Nozz	le	Flang	е	Nom.	Cor		Reinforc Mate		Noz		T	lange		cation c. open.)
														_						
			1				<u>. </u>							77					-	
						L		_												
2. Ide	ntificatio					0 17	T	. т			T						Т			Year
	P	Name of	Part			Quantity	Line !	No. 1	Mfr's Ide	ntification	No.		Mfr's Draw	ring No.		CRN	Nati	ional Boa	rd No.	Built
3. Sui	pport: Sk	tirt		1	ugs		Legs			Othe	er				Attached	· · · · ·				
			Yes or no	, _	((Number)		(Nu	mber)		0.0000		Describe					e and how)	-
. Rer	marks		PO# 1			D	esing By	Others	S	For	med Ir	Acc	cordance \	Vith U	3 79, UG	80 and	UCS	79		

FORM U-2A

ufacturer's Serial No.	7935 A - F	CRN	National Board No.	
uracturer's Senai No.	7935 A - F	_ CRN	National Board No	

	CERTIFIC	CATE OF S	HOP/FIEL	D COMPL	IANCE	*
We certify that the statem pressure v	nents made in this ressel part conform	report are correct to the ASME Bo	and that all de iler and pressu	tails of materia	l, construction and e, Section VIII, Divi	workmanship of this ision 1.
"U" Certificate of Authorization	n Number	30,911	Expires		January 30, 2020	11
Date <u>2.23.18</u> Na	me Bis	se Welding & fabric (Manufacturer)	ating	Signed	(R	epresentative)
I, the undersigned, holding a OneCIS Insurance Compa have inspected the pressure to the best of my knowledd AND PRESSURE VESSE any warranty, expressed oneither the Inspector nor high arising from or connection.	valld commission issu- iny vessel part described ge and belief, the N L CODE, Section N or implied, concerni is/her employer sh cted with this inspe	in this Manufacture Manufacturer has /III, Division 1. By ing the pressure vall be liable in an	Board of Boiler a er's Data Report of constructed this r signing this ce vessel part desc y manner for ar	nd Pressure Vesof Lyon s pressure vesor rificate neither	sel Inspectors and e nn, MA 7 - 23 - /8 sel part in accordar the Inspector nor anufacturer's Data	and state that, nce with ASME BOILER his/her employer makes

(07/17)

Serial#_18165-10 NB#__17.

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FORM U-2A MANUFACTURER'S PARTIAL DATA REPORT (ALTERNATIVE FORM) A Part of a Pressure Vessel Fabricated by One Manufacturer for Another Manufacturer As Required by the Provisions of the ASME Boiler and Pressure Vessel Code Rules, Section Vill, Division 1

										- 4114	1000					2100, 0		,,,	DITIO	OII I		
1. Ma	nufactu	ired an	d certifie	d by				ise We	Iding 8	fabricat	ing, In	c. 19	00 De So	to H	ouston,	Texas 7	7091					
2 Mai	nufactu	red for	:	_			1	MCSI M	ore Co	ntrol Sys	stems,	Inc.	ddress of Ma 14827 I-1	0 Ea	st. Byte	own, Tx 7	7523					
3. Loc	ation o	f instal	lation	42							(Name	and a	nknown	Ch856	17)							
4. Typ	٠.			Cv	linder								and address	5)								
1. 170		scrption	of vessel pa			head, bube	bundle)])			(Man			iel number)				-	(CR	31536			
	(National			-		(Drawing nu	mter)				(Drawi	ng pra	pared by)						18 r bult)			
5. ASN	IE Cod	e Secti	ion VIII D	iv 1	(Edition	n and Adder	2017 da, if appli	cable (da:	((e)		(Coc	de Cas	re number)				(Spec	cial Service	per UG-12	20(4)]		
6. Shel	(a) N	umber	of course	e (s)			. 1			(Length:					0'-0"		(-//		
	Co	urse(s)		I	Mater	ial	Thic	kness	T	Long.	Joint (C	Cat. A	()	Circ	cum Joi	nt (Cat. A.	B & C	;)	Heat	Treatment		
No.	Dian	neter	Length	Spec.	/Grade	e or Type	Nom.	Corr	Тур	e Full.	Spot. N	one	Eff.	Tyr	pe Fi	ill, Spot, N	оле	Eff	Temp.	Time		
1	48'	OD.	10'-0"		SA 516	3-70	.375"		1		Full											
				-					-													
				-					Body F	langes	on She	nII .					_					
	T	T		1					1			Ϊ		Ţ				Bolting				
No.	Тур	e	ID C		ange Thk	Min Hu Trik	<u> </u>	Materia	1	How Atta	ched	L	Location	_	Num Size		lolting lateria		isher (OD ID, thk)	Masher Materia		
				二二	_		上							\pm								
7 Head	is: (a)	_	/\$ fotocial				.			_ ((b)											
_		Т	(wintaint)	spec, nun	rcer, gr	ada or type)	(H I Ume	and tem	P) 				(8)	latena	spec, nu	mber, grade	or typ	6) (H.T - li	me and ten	np)		
	(Top), L	Thicks	ness	<u> </u>	Radius			Conica Apex					s	ide to P	ressure	L		ategory A			
	Botto End:		Min.	Соп							ispheric Radius		Flat Diameter	Cor	nvex	Concave	Typ	e F	Eff			
(a) (b)		-+	-		-		\dashv	-		-		+			-		-	+				
								В	ody Fla	anges o	п Неас	ds										
							Flange	Min H	lub		1		(27.1.7)	-	Num	& I B	olting	Bolting Was	sher (OD,	Washer		
(a)	Loc	ation	Тур	e	D_	OD	Thk	Thi		Materia		Но	w Attached					Size Material			D, thk)	Material
(b)						-											200					
. MAV	NP _	(Interna		15.000		at ma	x temp.			-			Min.	desig	gn mela	al temp.			at			
. Impa	act Test	Harris Con	.,	(Extern	нагу		No.	(1	nternal)		(Ecemal	1)	at test	tomn	acatura	of						
			7000 000			s or no and I		nent(s) im	pad teste	ed			at 1031	temp	ierature					-		
TO SO SO STRUCTS			omb. tes			2 <u></u>		PSI		Proof Te	est _											
		spectio	n, and sa	afety va	ive op	enings:																
(Inlet, C	outlet,	No	Diame or Si		уре	Nozzi	Materia	Flange	+	Nozzie 7 Nom.	hickne:		Reinford Mate		t	Attachr Nozzle	nent E	Details Flange		Location (sp. open.)		
Drain,	e(C)										- 001	-			_	140220	\pm	riange		isp. open.y		
				\pm							-	-			=							
2. Iden	tification	n of n-	d (c)												1							
2. 10en		lame of			T	Quantity	Line N	lo I	Afra Ida	ntification	No.		Mfr's Draw	ioo N	la .	CRN	Т	Alotional	Board No	Year		
					+				5 100				Wall a Claw	- N		DAN	+	HETTODAY	Joaid No	Built		
		1212			L									_		1						
3. Supp	ort: Sk	irt _	Yes or no	Lugs		Number)	Legs	(N)	nber)	Othe	r		Describe		Attac	hed		Where and				
. Rem	arks		PO# 18				sing By			For	med In		ordance V	Vith I	UG 79.	UG 80 ai			now)			
	-	No Hy	rdro Pref	omed								_										

FORM U-2A

Manufactured by Bise	Welding & fabrica	ting, Inc. 1900 De Sot	o Houston, Texas 77	091		
Manufacturer's Serial No.	7967 M	CRN		National	Board No.	
		7	<u>- 95</u>			
			97411 114		\$	

<u></u>	CER	TIFICATE OF	SHOP/FIEL	D COMPLIA	ANCE	
We certify that the sta	atements made	in this report are cor conform to the ASME	rect and that all de	etails of material, o	construction and w	orkmanship of this
						on 1.
"U" Certificate of Authori	zation Number	30,911	Expires	Ja	nuary 30, 2020	
Date 5.1.18	Name	Bise Welding & fa	abricating	_ Signed	<u> </u>	Jal-C
		(Manufacturer)			(Rep	resentative)
	CF	RTIFICATE O	F SHOP/FIF	I D INSPEC	TION	
I, the undersigned, holding						alayed by
OneCIS Insurance Co	mpany			of Lynn.		ployed by
have inspected the press	ure vessel part de	scribed in this Manufa	cturer's Data Report	on 5-	1-18	and state that,
to the best of my know	ledge and belie	f, the Manufacturer I	has constructed thi	s pressure vesse	part in accordance	e with ASME BOILER
AND PRESSURE VES	SSEL CODE, Se	ction VIII, Division 1	. By signing this ce	ertificate neither th	ne Inspector nor hi	s/her employer makes
any warranty, expresse neither the Inspector n	or his/ber emplo	incerning the pressu over shall be liable in	ire vessei part des	coped in this Man	utacturer's Data R	leport. Furthermore,
kind arising from or con	nnected with this	s inspection.	. any manner for a	ny personal mjury	or property dama	ge of a 1055 of arty
	-		•			

(07/17)