National Board Number: Mfg. Representative: Authorized Inspector:

Chen Chang your

Date: 2015. 11.14

Date: November 14, 245

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

1. Mar	nufacture	d and	certified by	Kunshan Bexcelle Special Equipment Co., Ltd. No 198 Jujin Road, Zhangpu Town, Kunshan City, Jiangsu Province, 215321 People's Republic of China (Name and address of Manufacturer)																
2. Mar	ufacture	d for		Evonik Corporation BDP International Inc. 1690 Kenneth Road york,PA 17408 USA																
3. Location of installation 4201 Evonik Roa												ss of Purchaser) d ,Theodore, AL 36582								
4 . Type			ntal Tank	15-A3179 (Manufacturer's serial number)					/ RN)	(Name and address) BSA15-306-00, Rev.Final (Drawing number)				81 (National Board number)			2015 (Year built)			
5. ASM	E Code	Sectio	n VIII, Div. 1	[Edition and	13 Editio		(date)] (C			/ de Case n	umbers)		[Special Service per UG-120(d)]							
6. Shell		SA-2	240 316L	[Edition and Addenda, if applicable 10 mm				0mn	n	(3-	3048 mm			4797 mm						
	(Mat	erial sp	ec. number grad					(Corr. Allow.)			(inner diameter)			[Length (overall)]						
	Body Flange on Shells Bolting																			
												\vdash			Bol	ting Washer				
NO.	Туре	rpe ID OD		Flange Thk	Flange Thk Min Hub Th		Material		How Attached		Location	n Nu	Num & Size		Bolting Material		D,ID,thk)	Washer Material		
2	/	/	1 /	/			1			1	1	+	/		1		1	1		
	l /	tv.	(ne (1)						,		1			۱				3		
7. Seams type (1) Spot 85 / / type (1) Spot 85 Spot 85 Type (1) Sp													(No. of courses)							
0 6	/-> B.4-		butt)]	iap, butt)j										full)]		(
8. neads	s: (a) Ma	teriai				o., grade)			— ^(a)	Materia			SA-240 (Spec. no.				-			
Г	Location (Top, Minimum		Corrosi		Crown		Knuckie		Elliptical	Con	ical	Hemisphe	rical				to presssure		
		om, Ends) Thickness		Allowance		Radius			Radius		tio Apex A		e Radius				x or Concave)			
(a)			10mm	0mm		1 /		1	_	2:1			/	1			Convex &Concave			
(b)	Righ	t	10mm	0mm	1	/		1	<u> </u>	2:1	/		1		1		Conve	x &Concave		
								Body F	lange	e on Head	ds	_			D./	47				
						ı		lub							Boltii		/asher			
Location		Тур	e ID	OD F		lange Thk The		k Materia		al Hov	w Attached	ched Num & Size		Bolting Material		(OD,ID,thk		Washer Material		
(a) (b)	1 1 1 1		1 ,		1	1	 				+			1		1	1			
9. MAW	Р	3.1	Ibarg	1 1	-1.	013barg]		at r	max temp			250℃			250℃				
	-	(Int	temal)	_	(E	External)						(Internal)	****			(Extern	(External)			
Min.	design me	tal tem		8.9℃	at	3	.1 ba	rg		Hydro.,	Pneu.,	or-con	ib. test p	ressur	e		4.5 ba	arg		
Proc	of test		1 '																	
		ection,	and safety va	lve openings:																
Purpose (Inlet, Outlet,		No.	Diameter or	Туре	L	Mate				Nozzle T	hickness	Keini	Reinforcement		Attachmen		ails	Location		
Drain, etc.)			Size	,,,		Nozzle		Flange		Nom.	Corr.	М	Material		Nozzle		lange	(Insp. Open.)		
Vent A1		1	250(10")	CI.150 WNRF		SA-312 TP316L		SA-182 F316L		9.27mm	0mm	SA-2	SA-240 316L		Fig.UW16.1(d)		ot 0.85	1		
Vent A3		1	50(2")	CI.150 WNRF		SA-312 TP316L		SA-182 F316L		3.91mm	0mm	Inl	Inherent		Fig.UW16.1(c)		ne,0.7	1		
Vent A4		1	250(10")	CI.150 WN	1.150 WNRF SA		SA-312 TP316L		SA-182 F316L		0mm	n SA-240 31		Fig.UW16.1(d) Sp		Spo	ot 0.85	1		
Vent V1		1	50(2")	CI.150 WNRF S		SA-312 TP316L		SA-182 F316L		3.91mm	0mm	inherent		Fig.UW16.1(c) No		ne,0.7	1			
Drain D1		1	50(2")	1	s	SA-312 TP		L /		3.38mm	0mm	inherent		Fig.U\	W16.1(c)		1	1		
see	U-4	1	1	1		1		1		1	1	1		1			1	1		
11. Supports: Skirt No Lugs / Legs / Other Two saddles Attached welded to th																				
12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following																				
(Name of part, item number, Manufacturer's name and identifying number): 1.Impact test of the vessel is exempted as per UHA-51																				
_	oo II 4		+03361	o oxomptou		. J. J. I.									$\overline{\forall}$	1.1		$\overline{}$		

November 14,2015

National Board Number: Mfg. Representative: Authorized Inspector:

Chen, Changyong

Date: Wrem or 4, 24

FORM U-1A (Back)

CERTIFICATE OF SHOP/FIELD COMPLIANCE											
We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel											
conform to the ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1."U" Certificate of Authorization Number 36,365											
expires January 25, 2016 .											
Date 2017. 1.14 Co. name Kunshan Bexcelle Special Equipment Co., Ltd. Signed Changeant											
(Manufacturer) (Refutesentative)											
CERTIFICATE OF SHOP/FIELD INSPECTION											
Vessel constructed by Kunshan Bexcelle Special Equipment Co., Ltd. at No 198 Jujin Road, Zhangpu Town, Kunshan City, Jiangsu Province, 215321 People's Republic of China											
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by											
ABSG Consulting Inc., an Affiliate of ABS Bolier & Marine Insurrance Company											
have inspected the component described in this Manufacturer's Data Report on Norman 14, 21 , and state that,											
to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME BOILER AND PRESSURE											
VESSEL CODE, Section VIII, Division 1.By signing this certificate neither the Inspector nor his/her employer makes any warranty, expressed or											
implied, concerning the pressure vessel described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his/her employer											
shall be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.											
Date Manley 14,315 Signed to Commissions 15084A											
(Authorized Inspector) [National Board (incl. endorsements)]											

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

1. Manufactu	ured a	and certifie	d by	٠	Kunsh	Kunshan Bexcelle Special Equipment Co., Ltd. No 198 Jujin Road, Zhangpu Town, Kunshan City, Jiangsu Province, 215321 People's Republic of China										
2. Manufactu	ured f	or			E	(Name and address of Manufacturer) Evonik Corporation BDP International Inc. 1690 Kenneth Road york,PA 17408 USA										
						(Name and address of Purchaser)										
3. Location of installation 4201 Evonik Road ,Theodore, AL 36582 (Name and address)																
4. Type		Н	orizonta	d		Tank 15-A3179										
		(Horizontal,	vertical,	or spher	re)	(Tank, separator, BSA15-306-0			(Manufacturer's serial number)							
			(CRN)			(Drawing		<u>aı</u>	81 201 (National Board number) (Year b							
Data Rep							Remark	(S	100							
Nozzles, insp	ection	and safety	valve o	neninas												
Purpose				permigs		terial	Nozzle		Reinforce-	Attachment Detail	٩	Location				
(Inlet, Outlet, Drain, etc.)	No.	Diameter or Size	Туре		Nozzle	Flange	Thickness Nom. Corr.		ment Material	Nozzie	Flange	(Insp. Open.)				
Level	+_			,												
indication L1	1 7 1 5077		(2") /		SA-312 TP316L	/	3.91mm	0mm	Inherent	Fig.UW16.1(c)	/	/				
Level Indication L2	1	50(2")	CI.150	WNRF	SA-312 TP316L	SA-182 F316L	3.91mm	0mm	Inherent	Fig.UW16.1(c)	None 0.7	/				
Level transmitter L3	1	80(3")	CI.150	WNRF	SA-312 TP316L	SA-182 F316L	5.49mm	0mm	Inherent	Fig.UW16.1(c)	None 0.7	1				
Level Switch L4	1	80(3")	CI.150	WNRF	SA-312 TP316L	SA-182 F316L	5.49mm	0mm	Inherent	Fig.UW16.1(c)	None 0.7	1				
Connection L5	1	100(4")			SA-312 TP316L		6.02mm	0mm	SA-240 316L	Fig.UW16.1(d)	None 0.7	1				
Manway M1	1	609.6(24")	CI.150	WNRF	SA-240 316L	SA-182 F316L	10mm	0mm	SA-240 316L	Fig.UW16.1(d)	Spot 0.85	neau				
Manway M2	1	609.6(24")	Cl.150	WNRF	SA-240 316L	SA-182 F316L	10mm	0mm	SA-240 316L	Fig.UW16.1(d)	Spot 0.85	Shell				
Inlet N1	1	40(1-1/2")	CI.150	WNRF	SA-312 TP316L	SA-182 F316L	3.68mm	0mm	Inherent	Fig.UW16.1(c)	None 0.7	/				
Pressure transmitter P1	1	25(1")	CI.150	WNRF	SA-312 TP316L	SA-182 F316L	3.38mm	0mm	Inherent	Fig.UW16.1(c)	None 0.7	1				
Pressure Relief R1	1	250(10")	CI.150	WNRF	SA-312 TP316L	SA-182 F316L	9.27mm	0mm	SA-240 316L	Fig.UW16.1(d)	Spot 0.85	/				
Pressure Relief R2	1	80(3")			SA-312 TP316L	SA-182 F316L	5.49 mm	0mm	Inherent	Fig.UW16.1(c)	None 0.7	1				
Spare S1	1	80(3")			SA-312 TP316L	SA-182 F316L	5.49mm	0mm	Inherent	Fig.UW16.1(c)	None 0.7	1				
Spare S2 Temperature	1	50(2")	Cl.150	WNRF	SA-312 TP316L	SA-182 F316L	3.91mm	0mm	Inherent	Fig.UW16.1(c)	None 0.7					
transmitter T1	1	40(1-1/2")	CI.150	WNRF	SA-312 TP316L	SA-182 F316L	3.68mm	0mm	Inherent	Fig.UW16.1(c)	None 0.7	1				
Remarks:					1- 044 11	:		4 - L		to the flores		-1:-				
						is a matched flang						II IS				
						316L;stud size is 1-1/4"-8UNC-2A L=200, material is SA193 B7, number is 20pcs; nuts 1/4"-8UNC-2B,material is SA194 2H,number is 40 pcs.										
						is a matched flan			•	uts, the flange co	ver materia	al is				
						e is 1-1/4"-8UNC-										
						3,material is SA19			<u> </u>							
			4			gory A and B of this tank was examined by spot RT. The category A butt joint of the head was										
				exam	nined by full RT.											
Cortificate of	۸,،،الم		'vnc'		11	No.	20.00		vnires	law	.05.00	146				
Certificate of	Autric	JIIZAUOII. I	ype:		U		36,36	<u> </u>	xpires	Januar	y 25, 20	010				
Date >	15.11	.14	N	lame	Kunshan	Bexcelle Specia		ent Co	Ltd. Signed Clen Chongy							
					11	(Manufacti	urer)			(R	epresentative	e)				
Date No.	6mbo	1.14 14,245		lame	_ Khl				Commission		5084A					
1,					(Author	ized Inspector)				[National Bo	ard (incl. end	orsements)]				