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ASME

·· .	P	s Requ	uired b		RM U-1 I Provision													VIII, D		<u>/ </u> n 1	
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3.1	ocatie	on of insta	allation			CARN	ION C	REEK E							LEX, AL	BERTA,	CANA	DA			
										Exchar	(Name and a	addres	53)		8		14-HE				
4. T	ypę	-		Horizonta tal, vertical,			-	(Tank, se			heat exch., e	ts.)		-				serial num	ber)		
_		2,000	3069.2		VP		-E1014	10-001 F	Rev.7			Dia		2032 Board n	umbad			6	2014 'ear build		
5 A	ME (CAN) İon VIII. Di	v 1	2010 ED,)11)			N/		DV3IG II	a meen			N/A			
					(Edition and	Addenda	, a apc	nicable (u	aten		(Code							l service p			
					for single											s, or cha 7mm	mber *	ot multi	chambe	r vessels.	
6. S	hell:	(a) Nu	mber of	course(s)			3			(0) (0)											
No.	. Courso(s)		Material Spec/Grade or Type		Thickness Nom. Corr.		Туре	Long, Joint (Cat. Full, Spot, Non				Type	Circum, Joint (Cat. A, ype Full, Spot, Non		EII.	Heat Temp.	Treatment				
2	-	Diameter Longth I.D 690mm 2600mm			SA516-70(•1)		14mm	1.5mm	1	Ful		1.0		1	Full		1.0	626°C			
1	I.D 690mm 2297mm		SAS	SA516-70(•1)		14mm	1.5mm	1	Full	Full 1		1.0	1	. Full		-1.0	826°C	1.1Hr.			
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N.		Type (•2)	10 690mm	00 878mm	Plange Thk 85mm	Min Hob		Material (+3)	-	Attacher	-	-	36,1	Num &	Size 8UN×370	Bolting M SA320-	-	58, 32,		Material ASTM-F436	
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							+		+			\dashv					\dashv		\dashv		
7 1		(-)		9451	6-70(•1) /	H T-1 1	H/862	8°C (41°	3)		(b)										
7. 1	tead	ls: (a) _			gec. number, gr	ade or typ					. (0)	1		(Materia		nber, grade o	r type) (
	Location (Top, Bottom, Ends)		_	Thickness Min, Corr.		Countile	Elliptic nuckie Ratk		Conical pex Angle		mispherical Radius	0	Flat Diameter		Side to Convex	Pressure Concave	Type		Spet, No	ne Eff.	
(a)	-	End	-	m 1.5mm	-		2:1		-		-				YES	YES		1,330	-	-	
(b)	(BLANK)																			
									Body Fla	inges on	Heads										
	1											1	_		Т	f	Bolting v	Vasher	_		
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{a	-	(BLANK)					+					\dashv			_				_		
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1	f ba	r, give d	imensior	ns						N/A					0.000	N. 15 NO. W. J. TOROGO.		ACCOUNT OF THE PARTY		or sketch.	
9. N	MA	P 281	4kPa_ternal)	F.V (Externa		ax. tem	ip	200°C		200°	-	in. d	fesig	n mel	tal temp	45	°C_	at _	2814kl	<u>pa</u> .	
10.	Impa	act test	5 Paragraphic State of the Control o					HELL-A		or rented	1				at test t	emperatu	re of		-45°C		
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		esheet		SA765-II(nim		84mm				3mm				Bolted			
			[Station:	ary (material	spec. ne.l]	[Diam	eter (sub	ject to pre	10.1)	0	(Nominal thickness)			(Corr. allow.)				[Attachment (welded or boiled)]			
114			Floatin	g (material s	spec. no.ll		(Diam				(Nominal thickness)			(Con. allow)					(Attachme	nt)	
. Tubes SA179 (Material spec. no., grade				0.000000000	19,05mm or type) (0.0.0				2,03mm (Nominal Infotaess)				231 (Number)					(Type (Straight or UI)			



FORM U-1 (Cont'd)

National Board Number: 2032

Mfr. Representative: \(\Omega \omeg

PAGE	2

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ANK															-			
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-				spec numbar,	grade or ty			mp.l	T			(Materia		ber, grade or	type) (H.1	72.	The state of the s	
	ocation (Top	3	lickross	Rad		Elliptic		Conkal pex Argin	Hemispl			lat		Prassure		-	degory A	
+	Boltom, Ends	19/7/11.	-		Knuckle	Ratio			Rad		1000	meter .	Convex	Concave	Туре	Fu‼,	Spot, None	_
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b)			-															
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lmp	act test ro., prico	, or co n	ii. test j	lind-ca pressure	YE te yes or n	S(CHAI	NNEL-A	01) (s) impact te	estedl			a	t test te	mperature				
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National Board Number: 2622

Mfr. Representative: V.S. M7 Date: Africal Collision Coll

FORM U-1 (Cont'd)

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	CERTIFICATE OF SHOP CO	MPLIANCE		
We certify that the statements in this report	t are correct and that all details of c	esign, material, co	onstruction, and workmanship of	this vessel
conform to the ASME BOILER AND PRESSI				
U Certificate of Authorization Number	32,997 Expires DEC. 04,	2016	a a lum I	
Date AR.11 2015 Name	ILSUNG CORPORATION.	Signed	13:10-15	
	(Manufacturer)		(Representative)	
	CERTIFICATE OF SHOP IN	SPECTION		
I, the undersigned, holding a valid commiss	ion issued by the National Board of	Boiler and Pressu	re Vessel Inspectors and the e	mployed by
#ISB_Globa	I Standards	of	Hartford CT.	
have inspected the pressure vessel described	in this Manufacturer's Data Report on	*	1pt, 18, 20st	, and
state that, to the best of my knowledge and	belief, the Manufacturer has constructed	d this pressure ve	sset in accordance with ASME B	
PRESSURE VESSEL CODE, Section VIII, Divisi	1		Y She S	
or implied, concerning the pressure vessel de- be liable in any manner for any personal injury	: () 보고 하게 보고 하는 () 사람이는 그 것 같아요? () 가게 하는 사람이 되는 이 나는 이렇게 된 것이다. [2]	그 시장에 다 맛있었다. 어린 시간하는 게 되었다.	보기 (18) 사이를 많이 들어 있다면 하는데 하는데 하는데 보다 되었다. 그렇게 되었다는 모든데	nployer shall
Date Apr. 18, 245 Signed S.JANG	(Authorized the partial)	ions	NB#14412(A,N) [National Board (Incl. endorsements)]	
	CERTIFICATE OF FIELD ASSEMB		feetbook tooks filed endoseeeigs)	
We certify that the statements in this report are			of this vessel conforms with the	requirements
of ASIVE BOLER AND PRESSURE VESSEL CODE, Se	STOREGUE AND CONTRACTOR OF THE SECOND		Expires	SUBCOMPOSITOR OF THE POSITION OF THE
		-0.0		
Date Name	(Assembler)	Signed	(Representative)	
	CERTIFICATE OF FIELD ASSEME	LY INSPECTION		
1, the undersigned, holding a valid commis	5 4 6 6 6 7 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	. 13	ssure Vessel Inspectors and er	nployed by
Col. (Colors) (Color	reproduce standard radioactics (* 12 to 12			
of, h	ave compared the statements in this i	Manufacturer's Data	Benort with the described pres	sure vessel
and state that parts referred to as data items	i	, not included in	the certificate of shop inspection.	have been
ispected by me and to the best of my knowledge.				
with the ASME BOILER AND PRESSURE	/ESSEL CODE, Section ₩, Division	1. The described	vessel was inspected and subj	ected to a
hydrostatic test of By sig	ning this certificate neither the Inspe	ctor nor his/her en	nployer makes any warranty, ex	pressed or
Implied, concerning the pressure vessel des				
shall be liable in any manner for any persona	Liniury or property damage or a loss of	f any kind arising	from or connected with this inend	ction
Date Signed		Commissions	noni di connected mai tina mape	0.001.