9410 - 20 Ave N.W.

Edmonton, Alberta, Canada T6N 0A4

Tel: (780) 437-9100 / Fax: (780) 437-7787

November 25, 2018

Attention: Tim Cozens

A R THOMSON GROUP 215 CLEARSKYE WAY RED DEER, AB T4E 0A1 Email:cozens.tim@arthomson.com

The design submission, tracking number 2018-04906, originally received on July 30, 2018 was surveyed and accepted for registration as follows:

CRN:

0A19098.2

Accepted on: November 25, 2018

Reg Type:

NEW DESIGN

Expiry Date: November 25, 2028

Drawing No.: QSC800 Rev B Fitting type: PIPE FITTING

Design registered in the name of : BMT CO LTD

The registration is conditional on your compliance with the following notes:

As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction are ASME B31.1, ASME B31.3 and other engineering analysis.

- This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form.
- This registration is valid only until the indicated expiry date and only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date.
- Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3388 or fax (780) 437-7787 or e-mail Liu@absa.ca.

Sincerely,

LIU, XING, P. Eng.

DOP Cert. No. D00008861





STATUTORY DECLARATION Registration of Fittings

l Mr	Jong Chan, Yoon	. President		In this space, show facsimile of manufacturer's logo or trademark as it
1, <u>1411</u>	(name of applicant)	_'	t be in a position of authority)	will appear on the fitting.
of B	MT Co., Ltd.	"		IS SUPERLON"
·· _=		me of manufacturer)		
locate	d at 21-1 BukJeong-Dong, Yang	San-si, GyungSangN (plant address)	am-Do, Korea	
	lemnly declare that the fittings list k one)	W -	are subject to the Safety C	odes Act
\boxtimes	comply with the requirements of	(title of recognized North	n American Standard)	specifies the dimensions,
	materials of construction, press			
	are not covered by the provision	ns of a recognized No	rth American standard and	d are therefore manufactured
	to comply with			s supported by the attached
	(title of code	e of construction or other a	oplicable document)	
	data which identifies the dimens	sions, materials of cor	nstruction, pressure/tempe	rature ratings and the basis for
	such ratings, and the marking of		Contract of the last of the la	
1 furth	ner declare that the manufacture of	of these fittings is conf		
verifie	ed by the following authority, HSB	Registration Service	as being suitab	le for the manufacture of these
fittina	s to the stated standard. The fitti	ngs covered by this de	eclaration, for which I seek	र registration, are
9		,		
Inst	rument thread fitting	their fide anishing of fitting		
الم ما الم	oport of this application, the follow	(brief description of fitting		e attached:
ın su	oport of this application, the follow	ring information, calor		
_Cat	alog: Instrumentation Pipe Fitting	s		
DEC	LARED before me at Yang (a	an in the Gy	Conssary mando of _	2018
	(city)	Tida()	.1 ♡	(province or state)
this _	day of day of	Whenther THE	-0/ <u>(</u> Year)	•
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	Jack Wales	n Veel	$\mathcal{A} \subset \mathcal{A}$	1000
(sign	(a Commissioner of Oaths or Nota	ary Public)	(signature	e of applicant)
For	ABSA Office Use Only:	.,,		
NOT				
	ne best of my knowledge and beli	ef the application me	ets the requirements of the	e Safety Codes Act and CSA
Stan	dard B51, Clause 4.2, and is acc	epted for registration i	n CategoryA	
	N 1 1 0 (198.2		
Kegi	stration Number: U A 1 7 (4Signature of	of the Administrator/SCO)
Date	Registered: 2018-11.	. 25		18-11-25
The in	formation you provide is necessary only for ure Equipment Discipline.	the administration of the pro	grams as required by the Alberta S	afety Codes Act and Regulations in the



Suite 600 - 2889 E 12th Ave Vancouver, BC V5M 4T5

Toll Free: 1-866-566-7233 www.technicalsafetybc.ca

ALBERTA BOILERS SAFETY ASSOCIATION 9410 20 AVENUE NW EDMONTON AB T6N 0A4

Date:

May 14, 2019

Account #: 34986

Journal #: 73252

Attn: CYNTHIA FORMANIUK

Re: **Application for Design Registration**

The design, as detailed in your, 2018-04906, for a Fitting is accepted for registration as follows:

Registered To: BMT CO LTD

CRN:

0A19098.21

Drawing #: QSC800

Drawing Revision: B

This design was registered based on a technical review performed by the province of initial registration in accordance with the Association of Chief Inspectors policy on reciprocal recognition of design review.

Reviewer's Notes:

As required by CSA B51 4.2.1, this registration expires on 25-Nov-2028. This CRN is valid until the expiry date as long as the Manufacturer maintains a valid quality control program verified by an acceptable third-party agency until that date. Should the certification of the quality control program lapse before the expiry date, this registration shall become void. Any additional conditions of registration stated in ABSA CRN# 0A19098.2 registration shall apply to BC registration.

Contact me if you have any questions. The invoice for registration will be forwarded under separate cover.

Janina Mihailescu

janina.mihailescu@technicalsafetybc.ca **Design Administration**

cc:



June 3rd, 2019

Dear Cynthia Formaniuk

Re: Reciprocal CRN Registration in Manitoba

Your application indicates that a CRN has been received in another Canadian Jurisdiction, and therefore your CRN has been registered in Manitoba as follows:

File Number: 39649

CRN: 0A19098.24

Scope: Pipe Fittings (Drawing No. QSC800 Rev. B)

Manufacturer: BMT CO. LTD

Please find attached invoice for registration.

As indicated by the Regulatory Reconciliation and Cooperation Table and the Reconciliation Agreement for the Canadian Registration Number (CRN) for Pressure Equipment, a CRN issued in any Canadian Jurisdiction will be accepted for use in Manitoba.

In accordance with Steam and Pressure Plants Regulation and CSA B51, it is the manufacturer's responsibility to file a Manufacturers Data Report, including partial data reports, with our office, prior to shipping pressure equipment to Manitoba.

Please contact me directly via email at Cheryl.Lashek@gov.mb.ca for any questions or concerns.

Cheryl Lashek, P.Eng Director, ITSM

Inspection and Technical Services
Office of the Fire Commissioner
508 - 401 York Avenue, Winnipeg Manitoba R3C 0P8
T (204) 945-3507 | F (204) 948-2309

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

Newfoundland and Labrador

Prince Edward Island

New Brunswick

Nova Scotia

Nunavut	Yukon	Northwest 7	Territories	
	Name:BMT CO. LTD			
	Address:21-1 BukJeong-Don	g, YangSan-si, GyungS	angNam-Do, Korea	
Plant Locations				T
Cate	gory of Fittings to be regis	stered. Circle one C	ategory only	Title of the Standard of
B Flanges: all flan	eluding couplings, tees, elbows, '	rs, plugs, unions, pipe o	caps, or reducers	Construction
C Valves: all line v	alves			ASME B1.20.1/B31.1/B31.3
D Expansion joints	s, flexible connections, and hose	assemblies: all types		V FOR THE SHARE ENGINEERING AND HERBORY CONTRACTOR BY THE HONG AT THE HERBORY SHARE OF
E Strainers, filters,	, separators, and steam traps			
	es, including pressure gauges,	level gauges, sight glas	ses, levels, or pressure	
transmitters	y-rated pressure relief devices a	ccentable as primary o	ver prosecure protection on	
	vessels, piping and fusible plug		rei pressure protection on	
H Pressure retaining	ng components that do not fall in	nto one of the above cat	egories	
N Nuclear compon	ents: Class 1 Class 2 C	Class 3 🗆 , (Meeting CN	ISC or ASME requirements)	
	urers Name, Trademark, or			Type of Construction
				Forged ox Welded o Wrought o
94	CHOCOLO	NI		Cast Other Describe other:
16	SUPERLO			Describe offier.
List of supportin	g documentation and iden	tification of the act	ual items to be registered	<u>l:</u>
	hread fittings strumentation Pipe Fitting	•		2
Catalog: Ins	strumentation ripe ritting	5	11.0	a a cardical l
			i s	1666
				moneron
and responsibility formy knowledge representings, and identificitings is regulated leverified by	or the quality of the end producesents the product for which cation markings are in according a Quality Control Program of Quality Control Program e, and knowing that it is of the	luct do solemnly decl registration is sough dance with the hereir n which extends to e s being suitable for the ne same force and ef	are that the information cont. The dimensions, materian named standards. I furth ach plant where fabrication at purpose and I make this	being the person having full authority nationed in this form is true to the best of als of construction, pressure temperature er declare that the manufacture of these a occurs in whole or in part and has been a solemn declaration conscientiously
Declared before me	at SHMSUNG LAW & NOT	ARY OFFICE ING	一局高空	
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Commissioner of Oa	1 100	orn year	S DOG W	Nouveau
Or Notary Public: (si	gn)			MANICE SE
G WOON	Affix official seal to the	e right)	DEPT OF JUST	ICE PUBLIC ON
er meeri	120110		atory Author Just & PRE	
	This registration mus		en (10) years from the date of	
CRN: 0A1909	8.2		REGISTI	RATION ONLY
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FID#: 15715			CRN UT	(110-10,00)
Notes:	* * * * * * * * * * * * * * * * * * * *		Ω	
1. All Fittings shall be	registered in the name of the Manu	rfacturer.	N.	()
2. Each Category sha	il be supported with two Statutory D		um	
	pporting documentation.		CHIEF BOIL	ER INSPECTOR
	all be made by the person having fu	ıll authority and	1/	11/2/019
	quality of the end product.		DATE 17	.,001
4. Quality Coupy	make resubmitted for valid	ation.		
11-11	1/5	1		Sect 1.0 - Fittings Rev.2
11/2006	A Parker		□BLRs □ P	V\$
C. D. V	ANI		Merrinos Co	
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UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

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New Brunswick Nunavut	Nova Scotia Yukon	Prince Edward Island Northwest Territories	Newfoundland and Labrador
Manufacturers Na	ne:BMT CO. LTD		
Manufacturers Add	iress:21-1 BukJeong-Dong,	YangSan-si, GyungSangNam-Do, Kore	ea
Plant Locations: Categor	y of Fittings to be registe	ered. Circle one Category only	Title of the Standard of
	g couplings, tees, elbows, Ys	, plugs, unions, pipe caps, or reducers	Construction
B Flanges: all flanges C Valves: all line valve	5		ASME B1.20.1/B31.1/B31.3
D Expansion joints, flex	sible connections, and hose a	ssemblies: all types	
	arators, and steam traps	rel gauges, sight glasses, levels, or pre	SSUIFE
transmitters			
	ed pressure relief devices acc sels, piping and fusible plugs	eptable as primary over pressure prote	clion on
	imponents that do not fall into	one of the above categories	
N Nuclear components.	Class 1 D Class 2 D Cla	ss 3 🗆 , (Meeting CNSC or ASME requ	uirements)
		ogo as it will appear on the prod	
			Forged to Welded to Wrought to
	INCOLA	ALS "	Cast D Other D
No D	UPERLO		DOGNED OTHER.
List of supporting de	ocumentation and identi-	fication of the actual items to be	registered:
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	nentation Pipe Fittings		
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			Riskasi
nd responsibility for the hy knowledge representatings, and identification tings is regulated by a criffied by Solution in the his Andrew Public: (sign)	equality of the end products the product for which ren markings are in accorda Quality Control Program as bed knowing that it is of the CATALAN & NOTALAN AD	at do solemnly declare that the info gistration is sought. The dimension not with the herein named standa which extends to each plant where being suitable for that purpose and same force and effect as if made in the control of the	高され 同じま 同じま 同じま に に に に に に に に に に に に に
CRN: 0A19098.		pe revalidated after ten (10) years from	the date of acceptance.
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ID#: 15715			Service ML
otes:			Registered 6/1/19093. 20
	ered in the name of the Manufac		120_19/01/15
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	name by the person having full a	authority and	Baring Market 1 K
responsibility for the qual	ty of the end product	serious y unu	my money.
	shall be resubmitted for validation	on.	UNDER THE PER 1997 TO 1997
- Charle	175	23	Sect 10 - Fittings Rev 2
11/2006	e e		Contraction and the contraction of the contraction
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UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

New	Brunswi	ck

Nova Scotia

Prince Edward Island

Newfoundland and Labrador

Nunavut	Yukon	Northwest Territo	ories 4	
Manufacturers	Name:BMT CO. LTD			
Manufacturers	Address:21-1 BukJeong-D	ong, YangSan-si, GyungSangNa	m-Do, Korea	
Plant Location	s:			
A Pipe fittings, in B Flanges; all flan C Valves: all line D Expansion joint E Strainers, filters F Measuring devi transmilters G Certified capacit bollers, pressure	cluding couplings, tees, elbowinges valves is, flexible connections, and ho is, separators, and steam traps ces, including pressure gauge inversed pressure relief devices a vessels, piping and fusible pi	s, level gauges, sight glasses, lev acceptable as primary over pres ugs	reducers els, or pressure sure prolection on	Title of the Standard of Construction ASME B1.20.1/B31.1/B31.3
N Nuclear compor	nents: Class 1 🗆 Class 2 🗆	Into one of the above categories Class 3 , (Meeting CNSC or a or Logo as it will appear on	ASME requirements)	
7	SUPERL	OK"		Type of Construction Forged ox Welded o Wrought o Cast o Other o Describe other:
List of supporting	ig documentation and ide	entification of the actual Item	ns to be registered	<u> </u>
	hread fittings strumentation Pipe Fittin	gs		4.2.4

	Declaration:
	ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by
	Signature of Declarer: Declared before me at CAMSUNG LAW & NOTARY OFFICE INC.
	This day of AD DO Tor the C Commissioner of Oaths Or Notary Public: (slgn) Worn years FIGURE 1984 FIGURE 1984
ا نځ ان	This space for Regulstory Authority use. This registration must be revalidated after ten (10) years from the date of acceptance.
	CRN: 0A19098.2 FID#: 15715 Northwest
	Notes: 1. All Fillings shall be registered in the name of the Manufacturer. 2. Each Category shall be gupperfied with two Statutory Declaration forms
	and one of the property of the person having full authority and responsibility of the and product. JNDER THE AUTHORITY OF THE BOILER AND PRESSURE VESSEL ACT. Unding The product of the product of the person having full authority and responsibility of the and product.

New Brunswick

Nova Scotia

Newfoundland and Labrador

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UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

Prince Edward Island

Nunavut	Yukon	Northwest Territories	
Manufacturers Na	me:BMT CO. LTD		
		ngSan-si, GyungSangNam-Do, Korea	
Plant Locations:			
Categor	ry of Fittings to be registere	d. Circle one Category only	Title of the Standard of
APipe fittings, Includir	ng couplings, tees, elbows, Ys, pl	lugs, unions, pipa caps, or reducers	Construction
B Flanges: all flanges			ASME B1.20.1/B31.1/B31.3
C Valves: all line valve	es odbie connections, and hose asse	ambliant all temps	AOMIL B 1.20. 1/83 1, 1/83 1.3
E Strainer files ser	parators, and steem traps	silblies, all types	1
F Measuring devices.	Including pressure gauges, level	gauges, sight glasses, levels, or pressure	
transmitters	ES SSERVER EN S		1
		table as primary over pressure protection on	1
Dollers, pressure ves	ssels, piping and fusible plugs components that do not fall into on	ne of the above calegories	
			1
		3 ☐ , (Meeting CNSC or ASME requirements	
Show Manufacturer	s Name, Trademark, or Log	o as it will appear on the product	Type of Construction
			Forged ox Welded a Wrought a
946	IIACOI OI		Cast a Other a Describe other:
	UPERLOI		Describe differ.
List of supporting d	ocumentation and identific	ation of the actual items to be regists	red:
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	mentation Pipe Fittings		
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ny knowledge represer atings, and identification titings is regulated by a serified by a selieving it to be true, as ignature of Declarer: eclared before me at day of ommissioner of Oaths r Notary Public: (sign)	ants the product for which region markings are in accordance a Quality Control Program when the second as being the second and the second and the second as being the second and the secon	stration is sought. The dimensions, mat a with the herein named standards. I fullich extends to each plant where febricaling suitable for that purpose and I make ame force and effect as if made under or other than the standard of the stan	contained in this form is true to the best of erials of construction, pressure temperature of the declare that the manufacture of these lion occurs in whole or in part and has been this solemn declaration conscientiously ath.
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		revalidated after ten (10) years from the date	
CRN: <u>0A1909B</u> .	2	& PRESSUR	Eir
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UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

New Brunswick

New Brunswick Nunavut	Nova Scotia Yukon		rd Island N erritories	lewfoundland and Labrador	
Manufacturers Nar	ne:BMT CO LTD				
		angSan-si, GyungSar	noNam-Do. Korea		
Plant Locations:		3			
Categor A Pipe fittings, including B Flanges: all flanges C Valves: all line valves	g couplings, tees, elbows, Ys, p	plugs, unions, pipe ca		Title of the Standard of Construction ASME B1.20.1/B31.1/B31.3	
E Strainers, filters, sepa F Measuring devices, in transmitters G Certified capacity-rate boilers, pressure vess	arators, and steam traps icluding pressure gauges, leve d pressure relief devices accep els, piping and fusible plugs	l gauges, sight glasse ptable as primary over	pressure protection on		
N Nuclear components:	Class 1 🗆 Class 2 🗆 Class	3 D , (Meeting CNS	C or ASME requirements)		
76 SI	UPERLO	K		Type of Construction Forged cx Welded co Wrought co Cast co Other co Describe other:	
List of supporting do	cumentation and identific	ation of the actua	l items to be registere	ed:	
				र्गिशिक्टिंग	
and responsibility for the my knowledge represents ratings, and identifications is regulated by a Coverified by 150 selieving it to be true, and Signature of Declarer:	which regarded to the right of the search of	istration is sought. Exe with the herein neich extends to each ing suitable for that arme force and effect of the control of	The dimensions, mater amed standards. I furll hiplant where fabrication purpose and I make that as if made under oath	ontained in this form is true to the best of itials of construction, pressure temperature her declare that the manufacture of these in occurs in whole or in part and has been is solemn declaration conscientiously in.	
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CRN: 0A19098.2		revalidated after ten	Intristit to the same of	acceptatice(1): Vessels (0)	
Manufacturers Name-BMT CO.LTD Manufacturers Address:2:1 Bulk-leng-Dong, YangSan-si, GyungSangNam-Do, Korea Plant Locations: Catalogy of Efftings to be registered. Circle one Category only Dipe fittings, including occupitors, tees, ellows, Ys, plugs, unions, pipe caps, or reducers B Flanges: If langes C Valves: all fine valves D Expansion plants, featings, and idean frags. F Massuring devices, including pressure pulges, level gauges, sight plasses, levels, or pressure transmitters C Certified capacity-rated pressure plants do not all ability on the plants was to be registered. Class 2 Class 3 Class					
FID#: 15/15			60 10	00 2.1	
Notes:			CRN OF 190	040, an	
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and one other of supporting	documentation.		Signed	without h.	
menonethille for the oliver	not the end product	was min		hier Inspedtor	
Grand	rem be resubmitted for Validation.			Sect 1.0 - FittIngs Rev.2	
INDOE NO THE	•••		Territorial	Registration Fee	



345 Carlingview Drive Toronto, Ontario M9W 6N9 Tel. 416 734 3300 Fax 416 231 1626 Toll Free 1 877 682 8772

www.tssa.org

January 15, 2019

CYNTHIA FORMANIUK ALBERTA BOILERS SAFETY ASSOCIATION 9410-20 AVENUE EDMONTON AB T6N 0A4 CA

Service Request Type: BPV-Fitting Registration

Service Request No.: 2469554
Your Reference No.: 2018-04906
Registered to: BMT CO LTD

Dear CYNTHIA FORMANIUK,

Technical Standards and Safety Authority (TSSA) is pleased to inform you that your submission has been reviewed and registered as follows:

CRN No.: 0A19098.25

Main Design No.: Dwg. No. QSC800 Rev. B, Instrument pipe fittings (see the attachment to the

Statutory Declaration Form for the scope of registration.)

Expiry Date: 25-Nov-2028

Please be advised that a valid quality control system must be maintained for the fitting registration to remain valid until the expiry date.

The stamped copy of the approved registration and the invoice are mailed separately. Should you have any questions or require further assistance, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Mark Valcic P. Eng. Engineer Specialist BPV

Tel.: 416-734-3494 Fax: 416-231-1626 Email: <u>mvalcic@tssa.org</u>





STATUTORY DECLARATION Registration of Fittings

			In this space, show facsimile of
, <u>M</u>	r Jong Chan, Yoon	, President	manufacturer's logo or trademark as it will appear on the fitting.
	(name of applicant)	(position title) (must be in a position of author	* SUDSOLOK
of E	BMT Co., Ltd.	(name of manufacturer)	_ SUPERLOK
	- J -t 24 4 Bulchana Dana V	angSan-si, GyungSangNam-Do, Korea	
ocati	ed at 21-1 BukJeong-Dong, 1	(plant address)	
	olemnly declare that the fittings ck one)	listed hereunder, which are subject to the Saf	ety Codes Act
\boxtimes	comply with the requirement	s of ASME B1.20.1/B31.1/B31.3 what (title of recognized North American Standard)	nich specifies the dimensions,
	materials of construction, pr	ressure/temperature ratings and identification	marking of the fittings, or
	are not covered by the provis	sions of a recognized North American standar	d and are therefore manufactured
	to comply with		as supported by the attached
		code of construction or other applicable document)	
	data which identifies the dim	ensions, materials of construction, pressure/te	emperature ratings and the basis for
	such ratings, and the markin	g of the fittings for identification.	
furt		re of these fittings is controlled by a quality con	ntrol program which has been
	ed by the following authority, H		uitable for the manufacture of these
		fittings covered by this declaration, for which I	
ritting	gs to the stated standard. The	mungs covered by this declaration, for which i	Secretarion, are
Inst	trument thread fitting		
		(brief description of fittings)	Le.
In su	pport of this application, the fol	llowing information, calculations and/or test da	
Ca	talog: Instrumentation Pipe Fitt	tings	ochnical Pressure Program
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DEC	LARED before me at Yan	g can in the by years sangrando or	and over TERE
DLC	(city)	(province or state)
this	ay of day of	July , 2018	OA MY
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	(a Commissioner of Oaths or N		STAN
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_	(a Commissioner of Oaths or N	NOTATY PUDIIC) (SIG	griature or applicants
	ABSA Office Use Only:		/
		Defendance and the constitution of the constit	of the Safety Codes Act and CSA
To t Star	ne best of my knowledge and be adard B51, Clause 4.2, and it a	pelief, the application meets the requirements recepted for registration in Category	of the Salety Soues Ast and SSA
Reg	istration Number:	(Sinns	ature of the Administrator/SCO)
Date	e Registered: TAN 1	5, 6019 Expiry Date: 1	Vov. 25, 2028
The in	nformation you provide is necessary only	for the administration of the programs as required by the Alb	perta Safety Codes Act and Regulations in the
Press	sure Equipment Discipline.	THREE (3) PAGES FOR THE S	PORE DE REGISTRATIONS
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법무법인 삼 성

Registered No. 2018 - 1419

NOTARIAL CERTIFICATE

SAMSUNG LAW & NOTARY OFFICE INC.

Belong to Ulsan District Prosecutor's Office 168, Jungang-Ro, Yangsan-City, Gyeongsangnam-Do, Korea

TEL: +82 55 372-5599

법무법인 삼 성

등부 2018 년 제 1419 호

Registered No. 2018 - 1419

인 증

Notarial Certificate

위 등록신청서 에 기재된 촉탁인 주식회사 비엠티 대표이사 윤종찬 의 대리인 박민주 는 본 공증인의 면 전에서 위 사서증서에 위 본인이 서명 또는 기명날인한 것임을 확인하였다. MINJU PARK attorney-in-fact of

JONG CHAN, YOON, President of

BMT Co., Ltd. appeared before me

and admitted principal's subscription to

the attached the STATUTORY

DECLARATION REGISTRATION OF

FITTING.



2018 년 7월 2일이 사무소에 서 위 인증한다. This is hereby attested on this 2ndday of JULY, 2018. at this office.

법무법인 삼 성 소속 울산지방검찰청

경남 양산시 중앙로 168. 2층

공증담당

변호사





SAMSUNG Law & Notary Office INC.

Belong to Ulsan District Prosecutor's Office

168, Jungang-Ro, Yangsan-City,

Gyeongsangnam-do, Korea.

Signature of the Notary Public

JANG WOON YEOUNG

This office has been authorized by the Minister of Justice, the Republic of Korea to act as Notary Public since Feb. 7. 2015. under Law No. 220.

A. R. Thomson Group

A.R. THOMSON - Red Deer SYSTEM CONTROL PROCEDURE

QSC800

SYSTEM PROCEDURE NO.

B REV.

3

T. Cozens WRITTEN BY

July 4, 2018

T. Cozens

Nov. 9, 2018 DATE

S. Turner REVIEWED BY

July 4, 2018 DATE

Nov. 11, 2018

SUBJECT

Instrumentation Pipe Fittings - Scope of Registration (for BMT Co.)

Product	Primary Pressure		End Des		Design Condition		LEWIS .	Section only	Townson and the
Description	Bearing/ Retaining Component	Material of Construction	Connections and Size Range	Pressure at Ambient Temp.	Pressure at Design Temp	момт	Pressure Class or Schedule	Design Code of Construction or Standard	Catalog pag or Drawing numbers
Close Nipple (ICN)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentatii Pipe Fittings (Page 4)
Hex Nipple (IHN)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentati Pipe Fittings (Page 4)
Hex Long Nipple (IHLN)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superfok Canada Instrumentatio Pipe Fittings (Page 4)
Hex Reducing Nipple (IHRN)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superiok Canada Instrumentatio Pipe Fittings" (Page 5)
Adapter (IA)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31,3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentatio Pipe Fittings" (Page 5)
Reducing Adapter (IRA)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentatio Pipe Fittings" (Page 6)
Reducing Hex Bushing (IRHB)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentatior Pipe Fittings" (Page 6)
Hex Coupling (IHC)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superiok Canada Instrumentation Pipe Fittings" (Page 6)
lex Reducing Coupling (IHRC)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentation Pipe Fittings" (Page 6)

QSC800B

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A.R. THOMSON - Red Deer A. R. Thomson Group **QSC800** В SYSTEM CONTROL PROCEDURE SYSTEM PROCEDURE NO. REV T. Cozens July 4, 2018 T. Cozens Nov. 9, 2018 S. Turner Nov. 11, 2018 July 4, 2018 3 WRITTEN BY DATE REVISED BY DATE REVIEWED BY DATE Instrumentation Pipe Fittings - Scope of Registration OF SUBJECT (for BMT Co.)

Product	Primary Pressure		End	Design Condition			100000		Date of
Description	Bearing/ Retaining Component	Material of Construction	Connections and Size Range	Pressure at Ambient Temp	Pressure at Design Temp	МОМТ	Pressure Class or Schedule	Design Code of Construction or Standard	Catalog page or Drawing numbers
Pipe Plug (IPP)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentatio Pipe Fittings" (Page 7)
Pipe Cap (IPC)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentatio Pipe Fittings" (Page 7)
Female Elbow (IFE)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentatio Pipe Fittings" (Page 7)
Street Elbow (ISE)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentatior Pipe Fittings" (Page 8)
Reducing Street Elbow (IRSE)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentation Pipe Fittings" (Page 8)
Male Elbow (IME)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentation Pipe Fittings" (Page 8)
Female Tee (IFT)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Table 1 Below	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superfok Canada Instrumentation Pipe Fittings" (Page 8)
Branch Tee (IBT)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Table 1 Below	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentation Pipe Fittings" (Page 9)
Run Tee (IRT)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Table 1 Below	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME 831.3 ASME 831.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentation Pipe Fittings" (Page 9)

QSC800B

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Technical Standards & Pressure Vessels and A.R. Thomson Group.

Boilers & Pressure Safety Program

A. R. Thomson Group			A.R. THO SYSTEM CO	QSC800 SYSTEM PROCEDURE NO.		B REV.			
WRITTEN BY	July 4, 2018 DATE	T. Coz		S. Turner	July 4, 2018	Nov	. 11, 2018 EFFECTIVE	3	3
SUBJECT	Instrume (for BMT	entation Co.)	n Pipe Fittings -	Scope of F	Registration		EFFECTIVE	PAGE	OF

Product Description	Primary Pressure		End	Design Condition			100000	120 S 150 N A	
	Bearing/ Retaining Component	Material of Construction	Connections and Size Range	Pressure at Ambient Temp	Pressure at Design Temp	MDMT	Pressure Class or Schedule	Design Code of Construction or Standard	Catalog page or Drawing numbers
Male Tee (IMT)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Table 1 Below	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentation Pipe Fittings" (Page 9)
Female Cross (IFC)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Table 1 Below	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentation Pipe Fittings" (Page 9)

Table 1: Tee and Cross Pressure Ratings Table (IFT, IBT, IRT, IMT, IFC)

Size	NPT	316 Stain	less Steel	Alloy C-276		
Designator	Size	Male	Female	Male	Female	
Designator	Oize	psig	psig	psig	psig	
2	1/8	10000	5600	10000	6500	
4	1/4	6300	5400	8000	6600	
6	3/8	6500	4400	7800	5300	
8	1/2	5900	4000	7700	4900	
12	3/4	5700	3800	7300	4600	
16	1	4100	4000	5300	4400	
20	1 1/4	4500	3900	6000	5000	
24	1 1/2	4100	3700	5000	4600	
32	2	3500	3000	3900	3900	

THIS IS PART OF
CRN OF 19098.25
Technical Standards & Safety Authority
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Boilers & Pressure Vessels
Safety Program
Safety Program

Document Revision History

The following table lists the revision made to this document each time when this document is modified.

Rev.#	Description	Date	Author	Approver
Α	Added ASTM B574 material to all fittings. Changed from QSC100 to QSC800.	Oct. 15, 2018	Tim Cozens	Tim Cozens
В	Added Table 1: Tee and Cross Pressure Ratings Table	Nov. 11, 2018	Tim Cozens	Tim Cozens

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

N	lew	Bru	wen	C
N	una	tuvi		

Nova Scotla Yukon Prince Edward Island Northwest Territories Newfoundland and Labrador

140/12/41	
Manufacturers Name: BMT CO. LTD	
Manufacturers Address;21-1 BukJeong-Dong, YangSan-al, GyungSangNam-Do, Koraa	
Plant Locations:	
Category of Fittings to be registered. Circle one Category only A pipe fittings, including couplings, less, elbows, Ys, plugs, unions, pipe caps, or reducers	Title of the Standard of Construction
B Flanges: all flanges C Valves: all line valves	ASME B1.20,1/B31.1/B31.3
D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps	
F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters	
G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fail into one of the above categories	
N Nuclear components: Class 1 🗆 Class 2 🗆 Class 3 🗖 , (Meeting CNSC or ASME requirements)	
Show Manufacturers Name. Trademark, or Logo as it will appear on the product	Type of Construction Forged or Welded o Wroughl o Cast o Other o
* SUPERLOK	Describe other:
List of supporting documentation and identification of the actual items to be registered	<u>l:</u>

Instrument thread littings
Catalog: Instrumentation Pipe Fittings



Declaration: Jong Chan, Youn (see note 3) employed by 847 C-	and being the person having full authority
and responsibility for the quality of the end product do solemnly declare that the	ne information contained in this form is true to the heat of
my knowledge represents the product for which registration is sought. The di	mansions, materials of construction, pressure temperature
ratings, and identification markings are in accordance with the herein named a fittings is regulated by a Quality Control Program which extends to each plent	Mandards. I further declare that the manufacture of these
verified by 360 900 - 1150 as being suitable for that purpos	e and I make this solemn declaration consciently isty
belleving it to be true, and knowing that it is of the same force and effect as if	made under oath.
Signalure of Declarer:	I WATER T
Declared before me at SAHSUNG LAW & NOTARY DEFILE JNC.	RESOLATION Y
This 10 day of July AD 2018	TARTHE Space for the C
	ELECTION OF THE
Commissioner of Oalhs Tay Worn Verne	
Or Notary Public: (sign)	
WOON YEOMARGE seal to the right)	
This apace for Regulatory Autho This registration must be revaildated after ten (10) yea	no from the date of a ACCEPTED
CRN: 0A19098.2	DECOUNTED OF DEINCE ED MAIO 1970
Control of the Contro	COMMUNITIES, LAND & ENVIRONMENT
FID#: 15715	ORN 0A19098,29
Notes:	CRN OATTOTS
1. All Fillings shall be replained in the name of the Manufecturer.	DATE:
 Each Quegot Bridle to Type fined with two Statutory Declaration forms and one in the English Language in the Inc. 	DAIL
The Decision Transport In the Orbit he person having (u) surhortly and	
responding. The first and product.	INSPECTION SERVICES SECTION
4. Quality & Do resubmitted for validation.	BOILER/PRESSURE VESSEL BRANCH Sect 1.0 - Fittings Rev.2
	And the standartests



To:	ABSA	From:	Janet Townsend	
Company:	BMT Co. Ltd.	Phone:	416-747-4291	
Pages:	7	Location:	Toronto	
Our File:	ANR-5247	Date:	March 19, 2019	

Your File: 2018-04906

Subject: Request Design Registration

Ms. Formaniuk,

CSA has received the documentation submitted by ABSA on behalf of BMT Co. Ltd. These fittings have been registered by CSA for the Province of Québec in accordance with an agreement between CSA and the Province of Québec.

The CRN is 0A19098.26.

A copy of the Statutory Declaration with an original stamp affixed will be forwarded to you along with our invoice by regular mail.

Yours truly

Janet Townsend Program Manager

CSA Group

178 Rexdale Blvd. Toronto, ON, M9W 1R3 Canada www.csagroup.org



9410 - 20 Ave N.W. Edmonton, Alberta, Canada T6N 0A4 Tel: (780) 437-9100 / Fax: (780) 437-7787

November 25, 2018

Attention: Tim Cozens A R THOMSON GROUP 215 CLEARSKYE WAY RED DEER, AB T4E 0A1

Email: cozens.tim@arthomson.com

wx-900 617

The design submission, tracking number 2018-04906, originally received on July 30, 2018 was surveyed and accepted for registration as follows:

CRN:

0A19098.2

Accepted on: November 25, 2018

Reg Type:

NEW DESIGN

Expiry Date: November 25, 2028

Drawing No.: QSC800 Rev B Fitting type: PIPE FITTING

Design registered in the name of : BMT CO LTD

The registration is conditional on your compliance with the following notes:

As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction are ASME B31.1, ASME B31.3 and other engineering analysis.

- This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form.

- This registration is valid only until the indicated expiry date and only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date.

- Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3388 or fax (780) 437-7787 or e-mail Liu@absa.ca.

Sincerely,

LIU, XING, P. Eng.

DOP Cert. No. D00008861

CSA 7 BF-4

ATTACHMENT TO

C.R.N. BA 19098. 26

Signed: CMB LEU

178 Rexdale Bouleverd, Toronto, ON Canada M9W 1R3

Québec ::

REGISTERED CRN: 0A19098.

Statutory Declaration Registration of Eittingstered by CSA Group per CSA B51

required: ASME B1.20.1/B31.1/B31.3 Or	(a)	Design Qualification
President (Position eg. president, plant manager, chief eng.)	11	Mr. Jong Chan, Yoon
(Position eg. president, plant maneger, chief eng.) of BMT Co., Ltd. (name of company) Located at 35, Sanmakgongdannam 11-gil Yangsan-Si, Gyeongsangnam-do Korea (plant address) do solemnly declare that the fittings listed hereunder, which are subject to the Boilers & Pressure Vessels Act: comply with all the requirements of the ANSI/ASME codes as to their dimensions, material, identification & service for which are required: ASME B1.20.1/B31.31/B31.3 or are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with code and standard, and are designed to the best current engineering practice, as shown by the supporting test data. (b) Quality control of Manufacture I further declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of ISO 9001-HSB and has been verified by the following authority or authorized agency HSB Registration Service The fittings² covered by this declaration, for which I seek registration, are Instrument thread fitting In support of the application, the following information, calculations and/or test data are attached: Catalog: Instrumentation Pipe Fittings Declared before me at SAMSWAT LAW & NOTARY OTRACE TAIC. In the CTty of Yangson of Korea The 4 day of March AD 20/9 A (commissioneyfor caths) For Official Use Only The application is accepted for registration in Category A in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51. This registration must be revalidated after ten (1/b) years from the date of acceptance. Registered Number CRN 0 A 19 0 98 2 C For the Chair Inspector A. B. A. N. WATT March 18 and 18		
of BMT Co., Ltd. (name of company) Located at 35, Sanmakgongdannam 11-gill Yangsan-Si, Gyeongsangnam-do Korea (plant address) do solemnly declare that the fittings listed hereunder, which are subject to the Boilers & Pressure Vessels Act: comply with all the requirements of the ANSI/ASME codes as to their dimensions, material, identification & service for which are required: ASME B1.20.1/B31.1/B31.3 or are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with code and standard, and are designed to the best current engineering practice, as shown by the supporting test data. (b) Quality control of Manufacture Ifurther declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of ISO 9001-IRSB and has been verified by the following authority or authorized agency HSB Registration Service The fittings² covered by this declaration, for which I seek registration, are Instrument thread fitting In support of the application, the following information, calculations and/or test data are attached: Catalog: Instrumentation Pipe Fittings Declared before me at SAMSWAT LAW & NOTARY OFFRICE INC. In the CTty of Yangson of Korea The 4th day of March AD 2019 Jay Warn Yangson of Korea The application is accepted for registration in Category A in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51. This registration must be revalidated after ten (10) years from the date of acceptance. Nov 2 5 2028 Registered Number CRN 0 A 19 0 9 8 2 C For the Chieflingspector A B AN WATT Date 1 And 2019		
Located at 35, Sanmakgongdannam 11-gil Yangsan-Si, Gyeongsangnam-do Korea Color address		(Position eg, president, plant manager, chief eng.)
Located at 35, Sanmakgongdannam 11-gil Yangsan-Si, Gyeongsangnam-do Korea (plant address) do solemnly declare that the fittings listed hereunder, which are subject to the Boilers & Pressure Vessels Act: Comply with all the requirements of the ANSI/ASME codes as to their dimensions, material, identification & service for which are required: ASME B1.20.1/B31.1/B31.3 or are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with code and standard, and are designed to the best current engineering practice, as shown by the supporting test data. (b) Quality control of Manufacture 1 further declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of ISO 9001-ISB and has been verified by the following authority or authorized agency HSB Registration Service The fittings² covered by this declaration, for which I seek registration, are Instrument thread fitting In support of the application, the following information, calculations and/or test data are attached: Catalog: Instrumentation Pipe Fittings Declared before me at SAMSUNG LAW & NOTARY OTRACE TAIC. In the	of	
do solemnly declare that the fittings listed hereunder, which are subject to the Boilers & Pressure Vessels Act: comply with all the requirements of the ANSI/ASME codes as to their dimensions, material, identification & service for which are required: ASME B1.20.1/B31.1/B31.3 or are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with code and standard, and are designed to the best current engineering practice, as shown by the supporting test data. (b) Quality control of Manufacture If urther declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of ISO 9001-HSB and has been verified by the following authority or authorized agency HSB Registration Service The fittings² covered by this declaration, for which I seek registration, are Instrument thread fitting In support of the application, the following information, calculations and/or test data are attached: Catalog: Instrumentation Pipe Fittings Declared before me at SAMSWAT LAW & NOTARY OTRACE TAIC. In the		(name of company)
do solemnly declare that the fittings listed hereunder, which are subject to the Boilers & Pressure Vessels Act: comply with all the requirements of the ANSI/ASME codes as to their dimensions, material, identification & service for which are required: ASME B1.20.1/B31.1/B31.3 or are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with code and standard, and are designed to the best current engineering practice, as shown by the supporting test data. (b) Quality control of Manufacture [Intriher declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of ISO 9001-HSB and has been verified by the following authority or authorized agency HSB Registration Service The fittings² covered by this declaration, for which I seek registration, are Instrument thread fitting In support of the application, the following information, calculations and/or test data are attached: Catalog: Instrumentation Pipe Fittings Declared before me at SAMSWAT LAW & NOTARY OFFICE TIAC. In theCTO of Yangson of Korea TheA (commissioner for oaths) For Official Use Only The application is accepted for registration in CategoryA in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51. This registration must be revalidated after ten (10) years from the date of acceptance. A B AN WATT Bar Was - 18 - 2019	Loc	cated at 35, Sanmakgongdannam 11-gil Yangsan-Si,Gyeongsangnam-do Korea
comply with all the requirements of the ANSI/ASME codes as to their dimensions, material, identification & service for which are required: ASME B1.20.1/B31.1/B31.3 Or are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with code and standard, and are designed to the best current engineering practice, as shown by the supporting test data. (b) Quality control of Manufacture If further declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of ISO 9001-HSB and has been verified by the following authority or authorized agency HSB Registration Service The fittings² covered by this declaration, for which I seek registration, are Instrument thread fitting In support of the application, the following information, calculations and/or test data are attached: Catalog: Instrumentation Pipe Fittings Declared before me at SMSUNGT LAW & NOTARY OTIFICE INC. In the CTBy of Yangsan of Korea The 4th day of March AD 2019 The application is accepted for registration in Category A in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51. This registration must be revalidated after ten (10) years from the date of acceptance. Nov -2 \$-2028 Registered Number CRN 0 A 19 0 9 8 . 2 6 For the Chief Inspector A B AN WATT Date The Company of the Chief Inspector A B AN WATT Date The Chief Inspector A B AN WATT Date The Chief Inspector A B AN WATT Date The Company of the Company of the Chief Inspector A B AN WATT Date The Company of the Company of the Chief Inspector A B AN WATT Date The Company of the Company of the Chief Inspector A B AN WATT Date The Company of the Company of the Company of the Chief Inspector A B AN WATT Date The Company of the C		(plant address)
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standard, and are designed to the best current engineering practice, as shown by the supporting test data. (b) Quality control of Manufacture I further declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of ISO 9001-HSB and has been verified by the following authority or authorized agency HSB Registration Service The fittings² covered by this declaration, for which I seek registration, are Instrument thread fitting In support of the application, the following information, calculations and/or test data are attached: Catalog: Instrumentation Pipe Fittings Declared before me at SAMSUNG LAW & NOTARY OFFICE INC. In the City of Yangsan of Korea The 4th day of March AD 209 For Official Use Only The application is accepted for registration in Category A in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51. This registration must be revalidated after ten (10) years from the date of acceptance. Registered Number CRN 0 A 19 0 98 20 For the Chientinspector A B A N WATT Date In Sa N	, En	The state of the s
I further declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of ISO 9001-HSB and has been verified by the following authority or authorized agency HSB Registration Service The fittings² covered by this declaration, for which I seek registration, are Instrument thread fitting In support of the application, the following information, calculations and/or test data are attached: Catalog: Instrumentation Pipe Fittings Declared before me at SAMSUNG LAW & NOTARY OFFICE INC. In the City of Yangson of Korea The 4th day of March AD 2019 For Official Use Only The application is accepted for registration in Category A in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51. This registration must be revalidated after ten (10) years from the date of acceptance. Registered Number CRN 0 A 19 0 98 20 For the Chief Inspector A B A N WATT Date CSA Washinspector Date CSA		are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with code and standard, and are designed to the best current engineering practice, as shown by the supporting test data.
I further declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of ISO 9001-HSB and has been verified by the following authority or authorized agency HSB Registration Service The fittings² covered by this declaration, for which I seek registration, are Instrument thread fitting In support of the application, the following information, calculations and/or test data are attached: Catalog: Instrumentation Pipe Fittings Declared before me at SAMSUNG LAW & NOTARY OFFICE INC. In the City of Yangson of Korea The 4th day of March AD 2019 For Official Use Only The application is accepted for registration in Category A in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51. This registration must be revalidated after ten (10) years from the date of acceptance. Registered Number CRN 0 A 19 0 98 20 For the Chief Inspector A B A N WATT Date CSA Washinspector Date CSA	(b)	Quality control of Manufacture
The fittings² covered by this declaration, for which I seek registration, are Instrument thread fitting In support of the application, the following information, calculations and/or test data are attached: Catalog: Instrumentation Pipe Fittings Declared before me at SAMSUNG LAW & NOTARY OTREICE INC. In the City of Yangan of Korea The 4th day of March AD 2019 For Official Use Only The application is accepted for registration in Category A in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51. This registration must be revalidated after ten (10) years from the date of acceptance. Registered Number CRN 0 4 19 0 9 8 2 6 For the Chiefinspector A B AN WATT Date CSA Max 18 2019		
The fittings² covered by this declaration, for which I seek registration, are In support of the application, the following information, calculations and/or test data are attached: Catalog: Instrumentation Pipe Fittings Declared before me at SAMSWAT LAW & NOTARY OTHERE TAK. In the City of Yangsan of Korea The 4th day of March AD 2019 For Official Use Only The application is accepted for registration in Category A in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51. This registration must be revalidated after ten (10) years from the date of acceptance. Registered Number CRN DA 19 0 98 2 6 For the Chief Inspector A B AN WATT Date CSA SA NATT Date Only A B AN WATT Max -18 -2019	I fu	rther declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of
In support of the application, the following information, calculations and/or test data are attached: Catalog: Instrumentation Pipe Fittings Declared before me at SAMSUNG LAW & NOTARY OFFFICE INC. In the Crty of Yangsan of Korea The 4th day of March AD 2019 For Official Use Only The application is accepted for registration in Category A in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51. This registration must be revalidated after ten (10) years from the date of acceptance. Registered Number CRN 0 A 19 0 98 2 6 For the Chief inspector A B AN WATT Date 150 CSA 150	ISC	9901-HSB and has been verified by the following authority or authorized agency HSB Registration Service
In support of the application, the following information, calculations and/or test data are attached: Catalog: Instrumentation Pipe Fittings Declared before me at SAMSUNG LAW & NOTARY OFFFICE INC. In the Crty of Yangsan of Korea The 4th day of March AD 2019 For Official Use Only The application is accepted for registration in Category A in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51. This registration must be revalidated after ten (10) years from the date of acceptance. Registered Number CRN 0 A 19 0 98 2 6 For the Chief inspector A B AN WATT Date 150 CSA 150	The	e fittings ² covered by this declaration, for which I seek registration, are Instrument thread fitting
Declared before me at SAMSUNG LAW & NOTARY OFFICE INC. In the Crty of Yangsan of Korea The 4th day of March AD 2019 For Official Use Only The application is accepted for registration in Category A in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51. This registration must be revalidated after ten (10) years from the date of acceptance. Registered Number CRN 0 A 19 0 98 20 For the Chien Inspector A B AN WATT Date CSA 2019	_	
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In the City of Yangsan of Korea The 4th day of March AD 2019 Jay Woon Years A (commissioner for oaths) For Official Use Only The application is accepted for registration in Category A in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51. This registration must be revalidated after ten (10) years from the date of acceptance. Registered Number CRN 0A 19 0 98 20 For the Chief Inspector Date CSA	Ca	atalog: Instrumentation Pipe Fittings
In the City of Yangsan of Korea The 4th day of March AD 2019 Jay Woon Years A (commissioner for oaths) For Official Use Only The application is accepted for registration in Category A in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51. This registration must be revalidated after ten (10) years from the date of acceptance. Registered Number CRN 0A 19 0 98 20 For the Chief Inspector Date CSA	Dec	clared before me at SAMSUNG LAW & NOTARY OFFICE INC.
For Official Use Only The application is accepted for registration in Category A in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51. This registration must be revalidated after ten (10) years from the date of acceptance. Nov -2 5 - 2028 Registered Number CRN 0 4 19 0 98 - 26 For the Chief Inspector Date CSA Max -18 -2019		
For Official Use Only The application is accepted for registration in Category A in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51. This registration must be revalidated after ten (10) years from the date of acceptance. Nov -2 5 - 2028 Registered Number CRN 0 4 19 0 98 - 26 For the Chief Inspector Date CSA Max -18 -2019	In ti	he <u>Crty of langsan</u> of <u>Korea</u>
For Official Use Only The application is accepted for registration in Category A in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51. This registration must be revalidated after ten (10) years from the date of acceptance. Nov -2 5 - 2028 Registered Number CRN 0 4 19 0 98 - 26 For the Chief Inspector Date CSA Max -18 -2019	The	4th day of March AD 2019
For Official Use Only The application is accepted for registration in Category A in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51. This registration must be revalidated after ten (10) years from the date of acceptance. Nov -2 5 - 2028 Registered Number CRN 0 4 19 0 98 - 26 For the Chief Inspector Date CSA Max -18 -2019		To the dead
For Official Use Only The application is accepted for registration in Category A in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51. This registration must be revalidated after ten (10) years from the date of acceptance. Nov -2 5 - 2028 Registered Number CRN 0 4 19 0 98 - 26 For the Chief Inspector Date CSA Max -18 -2019	_	A (commission profess costs)
The application is accepted for registration in Category A in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51. This registration must be revalidated after ten (10) years from the date of acceptance. Nov -2 5 - 2028 Registered Number CRN 0 4 19 0 98 - 26 For the Chief Inspector Date CSA Max -18 -2019		Signature of Declarer
and CSA Standard B51. This registration must be revalidated after ten (10) years from the date of acceptance. Nov -2 5 - 2028 Registered Number CRN 0 4 19 0 98 - 26 For the Chief Inspector Date CSA Max -18 -2019		For Official Use Only
and CSA Standard B51. This registration must be revalidated after ten (10) years from the date of acceptance. Nov -2 5 - 2028 Registered Number CRN 0 4 19 0 98 - 26 For the Chief Inspector Date CSA Max -18 -2019	т	he application is accounted for analytically 0.4
This registration must be revalidated after ten (10) years from the date of acceptance. Nov -2 5 - 2028 Registered Number CRN 0 4 19 0 98 - 26 For the Chief Inspector Date CSA Max -18 -2019	aı	nd CSA Standard B51.
Registered Number CRN 0A19098.26 For the Chief Inspector A. BANWATT Date CSA Max 18.2019		1
Date (SD) CSA Max - 18 - 2019	-11	his registration must be revalidated after ten (10) years from the date of acceptance.
Date (SD) CSA Max - 18 - 2019	_	
Cioup	R	Date (SD CSA Max - 18 - 2019
		Citab

Three completed copies of Statutory Declaration form together with three copies of Catalogs, drawings of Bulletins illustrating above fittings shall be

All fittings are required to be registered in the name of the Manufacturer.

This form shall be completed and signed by the president or highest official in the manufacturing plant where the fitting is produced.



법무법인 삼 성

Registered No. 2019 - 364

NOTARIAL CERTIFICATE

SAMSUNG LAW & NOTARY OFFICE INC.

Belong to Ulsan District Prosecutor's Office

168, Jungang-Ro, Yangsan-City, Gyeongsangnam-Do, Korea

TEL: +82 55 372-5599

삼 성 번무법인

등부 2019 년 제 364 호 Registered No. 2019 - 364

Notarial Certificate

위 등록신청서 에 기재된 촉탁인 주식회사 비엠티 대표이사 윤종찬 의 대리인 장성원은 본 공증인의 면전 에서 위 사서증서에 위 본인이 기명날 인한 것임을 확인하였다.

SUNGWON JANG attorney-in-fact of JONG CHAN YOON, President of BMT Co., Ltd. appeared before me and admitted principal's subscription to the attached

DECLARATION STATUTORY the Registration of Fittings .

2019 년 3 월 4 일 이 사무소에서 위 인증한다.

This is hereby attested on this 4thday of MAR., 2019. at this office.

법무법인 소속 울산지방검찰청 경남 양산시 중앙로 168. 2층 SAMSUNG Law & Notary Office INC. Belong to Ulsan District Prosecutor's Office 168, Jungang-Ro, Yangsan-City, Gyeongsangnam-do, Korea.

공증담당 변호사

Signature of the Notary Public

JANG WOON YEOUNG

This office has been authorized by the Minister of Justice, the Republic of Korea to act as Notary Public since Feb. 7. 2015. under Law No. 220.

REGISTERED

CSA Grou

CRN: 0A19098.26

Registration Process administered by CSA Group per CSA B51



Technical Review performed per CSA B51 Performed by: ANRIC Enterprises Inc.

Signed: alloward

Date: May . 18 . 2019

A.R. THOMSON - Red Deer A. R. Thomson Group **QSC800** B SYSTEM CONTROL PROCEDURE SYSTEM PROCEDURE NO. REV. July 4, 2018 T. Cozens T. Cozens Nov. 9, 2018 S. Turner Nov. 11, 2018 July 4, 2018 3 WRITTEN BY REVISED BY DATE REVIEWED BY Instrumentation Pipe Fittings - Scope of Registration SUBJECT (for BMT Co.)

Dendrical	Primary Pressure	1000000	End	Design	Condition		Degraves	Design and the second	10000
Product Description	Bearing/ Retaining Component	Material of Construction	Connections and Size Range	Pressure at Ambient Temp.	Pressure at Design Temp.	MDMT	Pressure Class or Schedule	Design Code of Construction or Standard	Catalog page or Drawing numbers
Close Nipple (ICN)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentatio Pipe Fittings" (Page 4)
Hex Nipple (IHN)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31,3 ASME B31,1 ASME B1,20,1 ISO 228/1 ISO 7/1	Catalog "Superiok Canada Instrumentatio Pipe Fittings" (Page 4)
		ASTM A182 F346/316L or			(Multiply		7.7.7.1		
Hex Long Nipple (IHLN)	Fitting Body	ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	Value In "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Gatalog "Superlok Canada Instrumentation Pipe Fittings" (Page 4)
Hex Reducing Nipple (IHRN)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superiok Canada Instrumentatior Pipe Fittings" (Page 5)
Adapter (IA)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentatior Pipe Fittings" (Page 5)
Reducing Adapter (IRA)	Fitting Body	Alloy C-276 ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentation Pipe Fittings" (Page 6)
Reducing Hex Bushing (IRHB)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentation Pipe Fittings" (Page 6)
Hex Coupling (IHC)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Intuitipiy Value in "Pressure Ratings" Table X 0.765)	-325 OF 4	CSA	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentation Pipe Fittings" (Page 6)
Hex Reducing Coupling (IHRC)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in AC "Pressure Ratings" Table N X 0.765)	HMENT T	9098	ASME B31,3 ASME B31,1 ASME B120,1 450 2981 ISO 7/1	Catalog "Superlok Canada Instrumentation Pipe Fittings" (Page 6)

QSC800B

178 Rexdate Boulevard, Toronto, UN Canada M9W 1R3

ПГА. R. T	homson (Group				Red Dee		QSC80		B REV.
WRITTEN BY	July 4, 2018	T. Coz	ens	Nov. 9, 2018	S. Turner	July 4, 2018	Nov	. 11, 2018	2	3
SUBJECT	Instrume (for BMT	ntation Co.)	n Pipe	Fittings - S	Scope of R	Registration		EFFECTIVE	PAGE	OF

	Primary Pressure	7000	End	Design	Condition			1 5 500 50	1
Product Description	Bearing/ Retaining Component	Material of Construction	Connections and Size Range	Pressure at Ambient Temp.	Pressure at Design Temp.	MDMT	Pressure Class or Schedule	Design Code of Construction or Standard	Catalog page or Drawing numbers
Pipe Plug (IPP)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentatio Pipe Fittings" (Page 7)
Pipe Cap (IPC)	Fitting Body	ASTM A182 F316/31BL or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentatio Pipe Fittings" (Page 7)
Female Elbow (IFE)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentation Pipa Fittings" (Page 7)
Street Elbow (ISE)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentatior Pipe Fittings" (Page 8)
Reducing Street Elbow (IRSE)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0,765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentatior Pipe Fittings" (Page 8)
Male Elbow (IME)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16* to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentation Pipe Fittings" (Page 8)
Female Tee (IFT)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Table 1 Below	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentation Pipe Fittings" (Page 8)
Branch Tee (IBT)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16° to 2"	See Table 1 Below	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	NIA CITA	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentation Pipe Fittings" (Page 9)
Run Tee (IRT)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Table 1 Below	(Multiply Value in TTT "Pressure Ratings" Table X 0.765) R N	ACHMENT	TO GOGI	ASME B31.3 ASME B31.1 ASME B1.20.1 (2) SO (2) 6/1 ISO 7/1	Catalog "Superlok Canada Instrumentation Pipe Fittings" (Page 9)

178 Rexdate Boulevard, Coronto, Ulv. Canada, W19W 1R3

TA. R. T		Froup	A.R. THOM				QSC80		B
WRITTEN BY	July 4, 2018 DATE	T. Coz	ens Nov. 9, 2018	S. Turner	July 4, 2018	Nov	. 11, 2018	3	3
SUBJECT	Instrume (for BMT	ntation Co.)	n Pipe Fittings - S	Scope of R	Registration		EFFECTIVE	PAGE	OF

Description	Primary Pressure		End	Design Condition			-2.5	Total Control	
	Bearing/ Retaining Component	taining Construction	Connections and Size Range	Pressure at Ambient Temp.	Pressure at Design Temp.	MDMT	Pressure Class or Schedule	Design Code of Construction or Standard	Catalog page or Drawing numbers
Male Tee (IMT)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Table 1 Below	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentatior Pipe Fittings" (Page 9)
Female Cross (IFC)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Table 1 Below	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentation Pipe Fittings" (Page 9)

Table 1: Tee and Cross Pressure Ratings Table (IFT IRT IRT IMT IFC)

Size	NPT	316 Stain	less Steel	Alloy	Q-276	ONO
Designator	Size	Male	Female	Male	Female	UB(U
	0.20	psig	psig	psig	SASTAY	ODES ACT - PROVINCE OF ALBERTA
2	1/8	10000	5600	10000	6500	DOCUMOI - LUCAINCE OF VERENIX
4	1/4	6300	5400	8000	6600	ESTRATION OF FITTINGS
6	3/8	6500	4400	7800	5300	0 4 1 0 0 0 0
8	1/2	5900	4000	7700	4900	UA 19098.2
12	3/4	5700	3800	7300	4600	0110.
16	1	4100	4000	5300	4400	Smill of Doming
20	1 1/4	4500	3900	6000	5000	CIND STOR of Registration
24	1 1/2	4100	3700	5000	4600	Pipe Fitting
32	2	3500	3000	3900	3900	
					2018-11-2	S_ MINALS_ OC

XIMG LIU, REng.

DESIGN SURVEY ENGINEER

Document Revision History

The following table lists the revision made to this document each time when this document is modified

Rev.#	Description	Date	Author	Approver
Α	Added ASTM B574 material to all fittings. Changed from QSC100 to QSC800.	Oct. 15, 2018	Tim Cozens	Tim Cozens
В	Added Table 1: Tee and Cross Pressure Ratings Table	Nov. 11, 2018	Tim Cozens	Tim Cozens
	Crosp 4-01-4			

ATTACHMENT TO CRN: 6A19098.26

QSC800B

This document and the information herein contained are the confidential and exclusive property of A.R. Thomson Group.

Signapp person making use of such property, except as expressly authorized by A.R. Thomson Group, will be exposed to
178 Rexdale Bouldance.



2202 2nd Avenue Regina, SK S4R 1K3 Canada 1 (866) 530-8599 info@tsask.ca www.tsask.ca

REGISTRATION OF A PRESSURE FITTING DESIGN

12-Feb-19

ABSA 9410 20th Avenue NW Edmonton, AB T6N 0A4

Attention: Cynthia Formaniuk

File Number: 11027 [0 F]

Re: Manufacturer:

BMT Co., Ltd.

Item:

Pipe fitting

Catalog or Drawing: Scope of registration, QSC800 Rev.B

TSASK Codes and Standards Compliance has registered the design listed above in accordance with The Boiler and Pressure Vessel Act and Regulations and CSA B51. The Canadian Registration Number (CRN) is:

0A19098.23

Expiry Date: Nov 25, 2028

Please note that every fitting shall be constructed in strict accordance with the registered design.

Fitting registrations are required to be resubmitted for validation after ten (10) years from the registration date in accordance with CSA B51, Clause 4.2.1.

Should you require anything further, please do not hesitate to contact the Codes and Standards Compliance Office at your convenience.

Yours truly,

Mohammad Rokanuzzaman, P.Eng. Codes and Standards Compliance

Remarks:

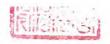
CRN registered under reciprocal agreement and conditional upon compliance with the notes on the original registration.



AB-41 2016-01

STATUTORY DECLARATION Registration of Fittings

I, M	Ir Jong Chan, Yoon	President	In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.
	(name of applicant)	(position title) (must be in a position of authority)	
of I	BMT Co., Ltd.		% SUPERLOK
	A 1 70 4 1 0 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(name of manufacturer)	
locat	ted at 21-1 BukJeong-Dong, Y	/angSan-si, GyungSangNam-Do, Korea (plant address)	
	olemnly declare that the fittings ck one)	listed hereunder, which are subject to the Safety	Codes Act
\boxtimes		(title of recognized North American Standard)	specifies the dimensions,
	materials of construction, p	ressure/temperature ratings and identification man	rking of the fittings, or
		isions of a recognized North American standard a	
	to comply with	N. H. Carlinda de Carrent	as supported by the attached
	1,000,000	code of construction or other applicable document)	turn until an and the begin for
	data which identifies the dim	nensions, materials of construction, pressure/temp	berature ratings and the basis for
	such ratings, and the marking	ng of the fittings for identification.	
I furt	ther declare that the manufactu	ire of these fittings is controlled by a quality control	ol program which has been
verif	fied by the following authority, H	HSB Registration Service as being suita	able for the manufacture of these
fittin	gs to the stated standard. The	fittings covered by this declaration, for which I see	ek registration, are
Ins	trument thread fitting		
		(brief description of fittings)	2000
In su	upport of this application, the fo	ollowing information, calculations and/or test data	are attached:
Ca	atalog: Instrumentation Pipe Fit	tings	Technical Safety Authority of Saskatchewan
	italog. Illotramentation iperio		Boiler & P.V. Safety Unit
DEC	CLARED before me at Yan	0 San in the 67 earl Sandmit of	koren
DL	SEARCED BEIOIC IIIC dt. 100 ((city)	(province or state) OAI 9098 2
this	2nd day of	JULY, 708	File11.027
	SAMSUNG LAW & NO	OTARYOUTHICE INC. (Year)	DECISTEDED
(pri		<u>VYEOUNG</u>	Feb 12, 2019
	(a Commissioner of Oaths or	Notary Public)	Sate Feb 12, 2019
(sig	n) Jay woon	yeng de	1
	(a Commissioner of Oaths or	Notary Public) (signati	ure of applicant) A Survey Office
For	ABSA Office Use Only:		
NO.	TES:		
To f	the best of my knowledge and I ndard B51, Clause 4.2, and is a	belief, the application meets the requirements of t accepted for registration in Category	he Safety Codes Act and CSA
Red	gistration Number:		of the Administrator/CCO
		(Signature	e of the Administrator/SCO)
Dat	e Registered:	Expiry Date:	Safety Codes Act and Regulations in the
The Pres	information you provide is necessary only sure Equipment Discipline.	y for the administration of the programs as required by the Alberta	society course and magazinerio in alle



법무법인 삼 성

Registered No. 2018 - 1415

NOTARIAL CERTIFICATE

SAMSUNG LAW & NOTARY OFFICE INC.

Belong to Ulsan District Prosecutor's Office

168, Jungang-Ro, Yangsan-City, Gyeongsangnam-Do, Korea

TEL: +82 55 372-5599

법무법인 삼 성

등부 2018 년 제 1415 호

인 증

위 등록신청서 에 기재된 촉탁인 주식회사 비엠티 대표이사 윤종찬 의 대리인 박민주 는 본 공증인의 면 전에서 위 사서증서에 위 본인이 서명 또는 기명날인한 것임을 확인하였다.



2018 년 7월 2일이 사무소에 서 위 인증한다.

법무법인 삼 성 소속 울산지방검찰청경남 양산시 중앙로 168. 2층

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Registered No. 2018 - 1415

Notarial Certificate

MINJU PARK attorney-in-fact of

JONG CHAN, YOON, President of

BMT Co., Ltd. appeared before me

and admitted principal's subscription to
the attached the STATUTORY

DECLARATION REGISTRATION OF

FITTING.

This is hereby attested on this 2ndday of JULY, 2018. at this office.

SAMSUNG Law & Notary Office INC.
Belong to Ulsan District Prosecutor's Office
168, Jungang-Ro, Yangsan-City,

Gyeongsangnam-do, Korea.

Signature of the Notary Public

JANG WOON YEOUNG

This office has been authorized by the Minister of Justice, the Republic of Korea to act as Notary Public since Feb. 7. 2015. under Law No. 220.

a . R. T	homson (Proup				Red Dee		QSC80	2	B
T. Cozens WRITTEN BY	July 4, 2018 DATE	T. Coz	20.5	Nov. 9, 2018	S. Turner	July 4, 2018	Nov	. 11, 2018	1	3
SUBJECT	Instrume (for BMT	ntation Co.)	n Pipe	Fittings - S	cope of R	Registration		EFFECTIVE	PAGE	OF

(4) 9/3	Primary Pressure		End	Design	Condition				II. HERCHIN
Product Description	Bearing/ Retaining Component	Material of Construction	Connections and Size Range	Pressure at Ambient Temp	Pressure at Design Temp	MDMT	Pressure Class or Schedule	Design Code of Construction or Standard	Catalog page or Drawing numbers
Close Nipple (ICN)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentatior Pipe Fittings" (Page 4)
Hex Nipple (IHN)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentation Pipe Fittings" (Page 4)
Hex Long Nipple (IHLN)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentation Pipe Fittings" (Page 4)
Hex Reducing Nipple (IHRN)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A.	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Supertok Canada Instrumentation Pipe Fittings" (Page 5)
Adapter (IA)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentation Pipe Fittings" (Page 5)
Reducing Adapter (IRA)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentation Pipe Fittings" (Page 6)
Reducing Hex Bushing (IRHB)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0,765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentation Pipe Fittings" (Page 6)
Hex Coupling (IHC)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentation Pipe Fittings" (Page 6)
lex Reducing Coupling (IHRC)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31,3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentation Pipe Fittings" (Page 6)

A.R. THOMSON - Red Deer A. R. Thomson Group **QSC800** B SYSTEM CONTROL PROCEDURE SYSTEM PROCEDURE NO. REV. July 4, 2018 T. Cozens T. Cozens Nov. 9, 2018 Nov. 11, 2018 S. Turner July 4, 2018 3 WRITTEN BY REVISED BY DATE REVIEWED BY DATE Instrumentation Pipe Fittings - Scope of Registration SUBJECT (for BMT Co.)

	Primary Pressure	100000000	End	Design	Condition		Tree to the	17-3-3-3	
Product Description	Bearing/ Retaining Component	Material of Construction	Connections and Size Range	Pressure at Ambient Temp	Pressure at Design Temp	MDMT	Pressure Class or Schedule	Design Code of Construction or Standard	Catalog page or Drawing numbers
Pipe Plug (IPP)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentation Pipe Fittings" (Page 7)
Pipe Cap (IPC)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.1.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentatior Pipe Fittings" (Page 7)
Female Elbow (IFE)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A.	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentatior Pipe Fittings" (Page 7)
Street Elbow (ISE)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentation Pipe Fittings" (Page 8)
Reducing Street Elbow (IRSE)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentation Pipe Fittings" (Page 8)
Male Elbow (IME)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Catalog "Pressure Ratings" Table	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superiok Canada Instrumentation Pipe Fittings" (Page 8)
Female Tee (IFT)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Table 1 Below	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentation Pipe Fittings" (Page 8)
Branch Tee (IBT)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Table 1 Below	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentation Pipe Fittings" (Page 9)
tun Tee (IRT)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Table 1 Below	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentation Pipe Fittings" (Page 9)

□ Γ _A . R. 1	homson (Group	A.R. THOM		4의 보통했습니다. (전환 본래) (전)		QSC80	7	B
T. Cozens WRITTENBY	July 4, 2018	T. Coz		S. Turner	July 4, 2018	Nov	. 11, 2018	3	3
SUBJECT	Instrume (for BMT	entation Co.)	n Pipe Fittings - S	Scope of R	Registration		EFFECTIVE	PAGE	OF

4.00	Primary Pressure	Acres and	End	Design	Condition			140 107 07 1	Catalog page or Drawing numbers
Product Description	Bearing/ Retaining Component	g Construction	Connections and Size Range	Pressure at Ambient Temp	Pressure at Design Temp	MDMT	Pressure Class or Schedule	Design Code of Construction or Standard	
Male Tee (IMT)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Table 1 Below	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentation Pipe Fittings" (Page 9)
Female Cross (IFC)	Fitting Body	ASTM A182 F316/316L or ASTM A403 WP316 or ASTM A276 316/316L ASTM B574 Alloy C-276	NPT or ISO Tapered or Parallel 1/16" to 2"	See Table 1 Below	(Multiply Value in "Pressure Ratings" Table X 0.765) @1000F	-325 F	N/A	ASME B31.3 ASME B31.1 ASME B1.20.1 ISO 228/1 ISO 7/1	Catalog "Superlok Canada Instrumentation Pipe Fittings" (Page 9)

Table 1: Tee and Cross Pressure Ratings Table (IFT, IBT, IRT, IMT, IFC)

Size	NPT	316 Stain	less Steel	Alloy C-276		
Designator	Size	Male	Female	Male	Female	
Designator	Oize	psig	psig	psig	psig	
2	1/8	10000	5600	10000	6500	
4	1/4	6300	5400	8000	6600	
6	3/8	6500	4400	7800	5300	
8	1/2	5900	4000	7700	4900	
12	3/4	5700	3800	7300	4600	
16	1	4100	4000	5300	4400	
20	1 1/4	4500	3900	6000	5000	
24	1 1/2	4100	3700	5000	4600	
32	2	3500	3000	3900	3900	

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Document Revision History

The following table lists the revision made to this document each time when this document is modified.

Rev.#	Description	Date	Author	Approver
Α	Added ASTM B574 material to all fittings. Changed from QSC100 to QSC800.	Oct. 15, 2018	Tim Cozens	Tim Cozens
В	Added Table 1: Tee and Cross Pressure Ratings Table	Nov. 11, 2018	Tim Cozens	Tim Cozens

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

New Brunswick Nova Scotia Prince Edward Island Newfoundland and Labrador Yukon Northwest Territories Nunavut Manufacturers Name: BMT CO. LTD Manufacturers Address: 21-1 BukJeong-Dong, YangSan-si, GyungSangNam-Do, Korea Category of Fittings to be registered. Circle one Category only Title of the Standard of A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges Construction ASME B1.20.1/B31.1/B31.3 Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types Strainers, filters, separators, and steam traps Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 ☐ Class 2 ☐ Class 3 ☐ , (Meeting CNSC or ASME requirements) Show Manufacturers Name, Trademark, or Logo as it will appear on the product Type of Construction Forged ox Welded D Wrought o Cast n Other p **X** SUPERLOK Describe other List of supporting documentation and identification of the actual items to be registered: Instrument thread fittings Catalog: Instrumentation Pipe Fittings Declaration: BMT Co., Ltd 1 Jong Chan, Year (see note 3) employed by BMT Co., Ltd. and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these believing it to be true, and knowing that it is of the same force and effect as if made under oath. Signature of Declarer: Declared before me at SHHSUNG LAW & NOTARY OFFICE INC. This Inday of this shar for the Commissioner of Oaths Or Notary Public: (sign) MANG WOON figal seal to the right) This space for Regulatory Authority use. This registration must be revalidated after ten (10) years from the date of acceptance CRN: 0A19098.2 FID#: 15715 Notes: All Fittings shall be registered in the name of the Manufacturer. 1. All Fittings shall be supported with two Statutory Declaration forms and one too. It is supported examination.

The Declaration is supported examination.

The Declaration is provided by the person having full authority and responsibility (1) per on the Chie and product.

Quality Cont. It is the provided for validation. 0A19098.2Y DATE 01/14/2019 atinos R