

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

November 27, 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 2018-06626, originally received on October 04, 2018 was surveyed and accepted for registration as follows:

CRN:

0E19112.2

Accepted on: November 27, 2018

Reg Type:

**NEW DESIGN** 

Expiry Date: November 27, 2028

Drawing No.: QSC504 Rev B

Fitting type: FILTER

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 is ASME B31.1 and B16.34.

- 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

I, M	r Jong Chan, Yoon	, President	In this space, show facsimile of manufathratis
-	(name of applicant)	(position title) (must be in a position	
of _E	BMT Co., Ltd.		🎢 SUPERLOK
laaak	•	name of manufacturer)	
iocat	ed at 21-1 bukJeong-Dong, ta	ingSan-si, GyungSangNam-Do, Koro (plant address)	<del>"                                     </del>
	olemnly declare that the fittings l ck one)	listed hereunder, which are subject t	o the Safety Codes Act
$\boxtimes$	comply with the requirements	of ASME B31.1 and ASME B16.34 (title of recognized North American Stan	which specifies the dimensions, dard)
	materials of construction, pre	essure/temperature ratings and ident	ification marking of the fittings, or
	are not covered by the provisi	ions of a recognized North Americar	standard and are therefore manufactured
	to comply with		as supported by the attached
	(title of co	de of construction or other applicable docume	ent) GOOG
	data which identifies the dime	ensions, materials of construction, pr	essure/temperature ratings and the basis
	for such ratings, and the mark	king of the fittings for identification.	
I furt	her declare that the manufacture	e of these fittings is controlled by a c	uality control program which has been
verifi	ed by the following authority, HS	SB Registration Service as	being suitable for the manufacture of
these	e fittings to the stated standard.	The fittings covered by this declara	tion, for which I seek registration, are
			•
_ Iniii	ne and Tee Filters	(brief description of fittings)	
In su	pport of this application, the follo	owing information, calculations and/	or test data are attached:
Sur	nerlok catalog. Design reports. A	AR Thomson System Procedure # 0	)SC504
	sorion datalog, Bodigii roporta, r	Tribinosii Oyeleii i Todedaro n	
DEC	LARED before me at	in the byteony song na	ade of Koren
	(city	y)	(province or state)
this	19th day of Se	Month, 2018	_
(prir	H) JANG WOON	YFOUNG	
	(a Commissioner of Oaths or Not	tary Public)	So Sund
(sign		years	
	(a Commissioner of Oaths or Not	tary Publicy	(signature of applicant)
	ABSA Office Use Only:	·	
NOT			
		elief, the application meets the requirecepted for registration in Category	ements of the Safety Codes Act and CSA
Regi	stration Number: 0 F 1 9	112.2	
Date	Registered: 20/8-	-11 - 27 Expiry Da	(Signature of the Administrator/SCO) te: 728-11-27
	formation you provide is necessary only for ure Equipment Discipline.	r the administration of the programs as required	by the Alberta Safety Codes Act and Regulations in the

#### A.R. THOMSON - Red Deer **QSC504** В A. R. Thomson Group SYSTEM CONTROL PROCEDURE SYSTEM PROCEDURE NO. REV. Nov. 22, 2018 T. Cozens Sept. 18, 2018 Sept. 18, 2018 1 Sept. 10, 2018 T. Cozens 1 R. Walker WRITTEN BY REVISED BY DATE REVIEWED BY EFFECTIVE Superlok Filters - Scope of Registration **DCN** SUBJECT

Product Description	Primary Pressure			Design C	Condition			Design Code of	ode of Catalog Page or
	Bearing/Retaining Component	Material of Construction	End Connections and Size Range	Pressure at Ambient Temp.	Pressure at Oesign Temp.	MDMT	Pressure Class or Schedule	Construction or Standard	Drawing Numbers
Micron Tee Filters (STF Series)	Fitting Body	ASTM A276 grade 316	Superlok Tube Fitting CRN 0A18364.5C or Female NPT or Male NPT 1/8" to 1/2"	Up to S000psig @ 70°F (See Table 1)	Up to 3280psig @900°F (See Table 1)	-40°F	n/a	ASME B16.34 ASME B31.1	Superiok Canada "Instrumentation Ball Valves" (Page 70-71)
Micron Inline Filters (SIF Series)	Fitting Body	ASTM A276 grade 316	Superlok Tube Fitting CRN 0A18364.5C or Female NPT or Male NPT 1/8" to 1/2"	Up to 3000psig @ 70°F (See catalog)	Up to 1640psig @ 900°F (See catalog)	-20 <b>°</b> F	n/a	ASME B16.34 ASME B31.1	Superlok Canada "Instrumentation Ball Valves" (Page 68-69)

Table 1: Micron Tee Filter Pressure Ratings Table (STF

	ASTM A276, grade 316			
Size	@70F	@900F		
	psig	psig		
1/4 to 1/2	5000	3280		
½ to ¾	4000	3180		
3/ +0 1	4000	3190		

Neries)
SAFETY CODES ACT - PROVINCE OF ALBERTA

DESIGN SURVEY ENGINEER

REGISTRATION OF FITTINGS

0F19112.

REGISTRATION NO.

DWG. NO. or CAT. NO. ASISO4 WAB

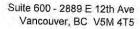
TYPE OF FITTINGS FILTINGS

2018-11-27 INITIALS XING LIU, P.Eng.

**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
В	Added Table 1 and updated design condition column in scope table	Nov. 22, 2018	Tim Cozens	Tim Cozens





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

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

Date:

February 19, 2019

Account #: 34986

Journal #: 72556

Attn: CYNTHIA FORMANIUK

Re: Application for Design Registration

The design, as detailed in your, 2018-06626, for a Fitting is accepted for registration as follows:

Registered To: BMT CO LTD

CRN:

0E19112.21

Drawing #: QSC504

Drawing Revision: B

#### Conditions Of Registration:

Registration of a Superlok Filters as per attached SOR.

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 per ABSA: The code of construction is ASME B31.1 and B16.34.

As required by CSA B51 4.2.1, this registration expires on November 27, 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.

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

Emilia Tam

emilia.tam@technicalsafetybc.ca Design Administration

cc:

A. R. Thomson Group	A.R. THOMSON - Red Deer		
R. Walker Sept. 10, 2018 T. Coze	SYSTEM CONTROL PROCEDURE	THE PROPERTY INC.	B
SUBJECT   Superiok Filters	BY DATE REMEMBED BY DATE	Sept. 18, 2018 1  EFFECTIVE DCN	1

Product Description	Primary Pressure Bearing/Retaining	Material of	End Connections and	Design	Condition			T	
	Component	Construction	Size flange	Pressure at Ambient Temp,	Design	MDMT	Pressure Class or Schedule	Design Code of Construction	Catalog Page o
Micron Tee Filters			Superiok Tube Fitting	10000	Temp.			or Standard	Numbers
(STF Series)	Fitting Body	ASTM A276 grade 916	CRN DA18364.5C or Female NPT or Male NPT 1/2" to 1/2"	Up to 5000 psig Ø 70°F (See Table 1)	Up to 3280psig @900°F (See Yable 1)	-40°F	n/a	ASME B16.34 ASME B31,1	Superiok Canada "Instrumentation Ball Valves"
Micron Inline			Superiok Tube Fitting		-				(Page 70-71)
Filters (SIF Series)	Fitting Body	ASTM A276 grade 316	CRN 0A18364.5C or Female NPT or Mela NPT 1/6" to 1/2"	Up to 3000 psig @ 70°F (See catalog)	Up to 1540psig @ 900°F (See catalog)	-20°F	n/a	ASME 816.94 ASME 831.1	Superiok Canada "Instrumentation Ball Valves" (Page 68-69)

	ASTM AZ7	5, grade 316	
Size	@70F	@9001	
1/4-41	psig	psig	
1/4 to 1/2	5000	3280	
1/2 to 3/4	4000	3180	
3/4 to 1	4000	3180	
	1000	318	

Table 1: Micron Tee Filter Pressure Ratings Table (STF Series)

ASTM AZ76, grade 316

SAFETY CODES ACT - PROVINCE OF ALBERTA REGISTRATION OF FITTINGS

DWG, NO. OF CAT. NO. 251504 PerB

TYPE OF FITTINGS \_ FILTER

2018-11-27 INITIALS.

XING LIU, P.Eng.

Document Revision History

The following table lists the revision made to this document each time when this document DESIGN SURVEY ENGINEER

Rev.#	Description		uns documen	is modified.
В	Added Table 1 and undated docing	Date	Author	Approve
	condition column in scope table	Nov. 22, 2018	Tim Cozens	

CRN#: 0E19112.21 OME: FEB 19,2019. BC J#: 72556



June 3<sup>rd</sup>, 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: 39648

CRN: 0E19112.24

Scope: Filter (Drawing No. QSC504 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 <a href="mailto:Cheryl.Lashek@gov.mb.ca">Cheryl.Lashek@gov.mb.ca</a> 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

New Brunswick Nunavut Nova Scotia Yukon Prince Edward Island Northwest Territories

Newfoundland and Labrador

1,

Manufacturers Name: BMT Co., Ltd.	
Manufacturers Address: ASME35, Sanmakgongdannam 11-gil Yangsan-Si, Gyeongsai	nonam-do Korea
Plant Locations: 35, Sanmakgongdannam 11-gil Yangsan-Si, Gyeongsangnam-do Korea	
Category of Fittings to be registered. Circle one Categor  A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or  B Flanges: all flanges	ry only reducers Title of the Standard of Construction
C Valves: all line valves  D Expansion joints, flexible connections, and hose assemblies: all types	ASME B31.1
E Strainers, filters, separators, and steam trans	ASME B16.34
F Measuring devices, including pressure gauges, level gauges, sight glasses, level transmitters	N 175
G Certified capacity-rated pressure relief devices acceptable as primary over press	sure protection on
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 A	SME requirements)
Show Manufacturers Name, Trademark, or Logo as it will appear on t	
	Forged Welded Wrought Cast Other
SUPERLOK.	Describe other:
me mot circott	Bar stock
List of supporting documentation and identification of the actual item	
Inline and Tee Filters	हिलाई व
Superlok catalog, Design reports, AR Thomson System	Procedure # QSC504
į	
Declaration:    Jong Chan, Yoon	and being the namen having fall and
and responsibility for the quality of the end product do solemnly declare that	and being the person having full authority
my knowledge represents the product for which registration is sought. The drawings and identification markings are in accordance with the bornin named	dimensions, materials of construction, pressure temperature
ratings, and identification markings are in accordance with the herein named fittings is regulated by a Quality Control Program which extends to each plan verified by 150 9001-HSB as being suitable for that purpose	standards. I further declare that the manufacture of these
verified by ISO 9001-HSB as being suitable for that purpo	see and I make this solemn declaration conscientiously
believing it to be true, and knowing that it is of the same force and effect as if	f made under oath.
Signature of Declarer: X C Y Y Y	770170
Declared before me at SAMSUNG LAW & NOTARY OFFICE INC	362CI
This 19th day of september AD 2018	
	space for
Commissioner of Oaths	MA CORPUTA
	Milital Brut
(Affix Official seal to the right G WOON This space for Regulatory Auf	DOIN USE BOILER & PRESSUR
This registration must be revalidated after ten (10) year	ars from the date of acceptance.
CRN: 0E19112.2	REGISTRATION ONLY
FID#: 15715	CRN OE 191122 2+
Notes:	$\rho \sim 1$
All Fittings shall be registered in the name of the Manufacturer.	Odn Clas
<ol> <li>Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.</li> </ol>	CHIEF BOILER INSPECTOR
The Declaration shall be made by the person having full authority and	1/11/2019
responsibility for the quality of the end product.	DATE 1//1/00
4. Quality Control programs shall be resubmitted for validation.	
11/2016	□ BLRs □ PVs Sect 1.0 - Fittings Rev.2
12 000 PM	DEITTINGS DINUCLEAR COMPONENTS

1.

New Brunswick	Nova Scotia	Prince Edward Island	Newfoundland and Labrador
Nunavut	Yukon	Northwest Territories	new roundiand and Labrador
Manufacturers Nan	ne. BMI Co Tid		
Manufacturers Add	ress: ASME35, Sanmakgongdanna	m 11-gil Yangsan-Si,Gyeongsangnam-do Korea	
Plant Locations: 35,	Sanmakgongdannam 11-gil Yangsan-	Si.Gvennisanonam-do Korea	
Latedor	Of Fiftings to be registers	d C:!	Title of the Standard of
B Flanges: all flanges	g couplings, lees, elbows, Ys, pl	ugs, unions, pipe caps, or reducers	Construction
C Valves: all line valves	ible producti		ASME B31.1
LE Dudineis, fillers, sepa	ible connections, and hose asse trators, and steam trans		ASME B16.34
F Measuring devices, in	cluding pressure gauges, level (	gauges, sight glasses, levels, or pressure	AOME B16.34
G Certified capacity-rated	d pressure relief devices accept	able as primary over pressure protection on	
	nponents that do not fall into on		
N Nuclear components:	Class 1 Class 2 Class 3	B □ , (Meeting CNSC or ASME requirements	s)
Show manufacturers	Name, Trademark, or Logi	o as it will appear on the product	Type of Construction
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	SUPERLC		Cast □ Other € Describe other:
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ouponon batalog,	besign reports, AR 1	homson System Procedure #	QSC504
			1
Declaration:			
Jong Chan, Yoon	(see onto 3) employ	ved by BMT Co., Ltd.	
and responsibility for the o	midlifu of the and are direct it-		nd being the person having full authority contained in this form is true to the best of
my knowledge represents	the product for which regist	ration is sought. The dimensions, mate	contained in this form is true to the best of enals of construction, pressure temperature
fittings is regulated by a Q	uality Control Program which	with the herein named standards. I fur	rials of construction, pressure temperature ther declare that the manufacture of these on occurs in whole or in part and has been
verified by 150 9001-HSB	as heins	cuitable for the t	of occurs in whole or in part and has been
believing it to be true, and	knowing that it is of the sam	is suitable for that purpose and I make the force and effect as if made under oat	h.
Signature of Declarer:	OC Jun		
Declared before me at	AMGUNG LAW & NOTI	ARY OFFICE INCIGACE IN	1, 11, 6
This 19th day of	LEDTERATE AD 7		
Commissioner of Oaths	70 K NO 0		pace for
	Jang Woon	原屬室의	
Or Notary Public: (sign)	0	TO THOME OF	Z OK
	(Affix Official seal to the right)	G WOON YECHNO	LOW &
	This registration and to	pace for Regulatory Authority use.	
CRN: 0E19112.2	This registration must be rev	ralidated after ten (10) years from the date o	f acceptance (5)
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FID#: 15715			Labrador
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	d in the name of the Manufacturer.		tered 0€19112 20
<ol><li>Each Category shall be supp and one copy of supporting of</li></ol>	corted with two Statutory Declaration	n forms Date.	19/01/15
	de by the person having full authori	Engin	coming and the section and forces
responsibility for the quality of	of the end product	y and Regis	working / //way
4 Quality Control programs sha	all be resubmitted for validation	US	DER THE PUR OF CYCOTION
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New	Brunswick
Nuna	vut

Nova Scotia Yukon

Prince Edward Island **Northwest Territories** 

Newfoundland and Labrador

Manufacturers	Name: BMT Co., I	LId.

Manufacturers Address: ASME35, Sanmakgongdannam 11-gil Yangsan-Si, Gyeongsangnam-do Korea

Plant Locations: 35, Sanmakgongdannam 11-gil Yangsan-Si, Gyaongsangnam-do Korea

#### Category of Fittings to be registered. Circle one Category only

- A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers
- B Flanges: all flanges
- C Valves: all line valves
- D Expansion Joints, flexible connections, and hose assemblies: all types
- E 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

Title of the Standard of

Construction

Formed 6 Welded o Wrought o Cast D Other A Describe other.

Bar stock

**ASME B31.1** 

**ASME B16.34** 

# 2 SUPERLOK

List of supporting documentation and identification of the actual items to be registered:

Inline and Tee Filters

Superlok catalog, Design reports, AR Thomson System Procedure # QSC504

اظااران 引创活

Dec	larat	lon

Jong Chen, Youn (see note 3) employed by BMT Co., Ltd. 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 and being the person having full authority 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 fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been as being sultable for that purpose and I make this solemn declaration conscientiously verified by ISO BOO1-HSB believing it to be true, and knowing that it is of the same force and effect as if made under oath.

LAW & NOTARY OFFICE INC

Commissioner of Oaths

Or Notary Public: (sign)

space fo

(Affix Official 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: 0E19112.2

FID#: 15715

Notes:

- All Fittings shall be registered in the name of the Manufacturer.
- Each Category shall be supported with two Statutory Doctaration forms and one copy of supporting documentation.
- The Declaration shall be made by the person having full authority and responsibility for the quality of the end product.

  Quality Control problems shall be resubmitted for validation.



UNDER THE AUTHORITY OF

THE BOILER AND PRESSURE VESSEL ACT.

C.A.N. QF19/12 27 SIGNED.

ittings Rev.2

DATELTA 120

1. 12:

# UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

New	Brunswic	ŀ
Alum	di nec	

Nova Scotla Yukon

Prince Edward Island Northwest Territories Newfoundland and Labrador

Sect 1.0 - Fittings Rev.2

Manufacturers Address; ASME35, Sanmakgongdannam 11-gil Yangsan-Si, Gyeongaangnam-do Korea	
Plant Locations: 35, Sannakgongdannam 11-91 Yangsan-Si, Gyeongsangnam-do Koras	
Catagory of Fittings to be registered. Circle one Catagory poly	Title of the Standard of
A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers  B Flanges: all flanges	Construction
C Velves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types Extrainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure railef devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible glups	ASME B31.1 ASME B16.34
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	
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ist of supporting documentation and identification of the actual items to be registered	the state of the s
nline and Tee Filters superlok catalog, Design reports, AR Thomson System Procedure # (	्रिल्ला <u>ल</u>

Declaration:	TO-114
ratings, and identification markings are in accordance with the he fittings is regulated by a Quality Control Program which extends	declare that the information contained in this form is true to the best of bught. The dimensions, materials of construction, pressure temperature arein named standards. I further declare that the manufacture of these to each plant where fabrication occurs in whole or in part and has been or that purpose and I make this solemn declaration conscientiously deffect as if made under oath.
This space for Re	DON YOUNG 7 OUNG 7 OUNG 7
CRN: 0E19112.2	er ten (10) years from the date of acceptance.  ROYA SOUTIA  Date Jose 11 (19)
FID#: 15715	CILE NOVA SCOTTA
Notes:	Date Jan. 11 /19
<ol> <li>All Fittings shall be registered in the name of the Manufacturer.</li> </ol>	C.R.N. OE 19113.38
<ol> <li>Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.</li> </ol>	Dwg. as described
<ol> <li>The Declaration shall be made by the person having full authority and responsibility for the quality of the end product.</li> </ol>	Signed Ferry
4. Quality Control programs shall be resubmitted for validation.	$\bigcap \underline{1} \underline{\sigma} \underline{1} \bigcap$

1,1

Territorial Registration Fee

New Brunswick Nunavut	Nova Scotia Yukon	Prince Edward Island Northwest Territories	New	foundland and Labrador
Manufacturers Nar	moreur co. 114			
Manufacturers Add	Iress: ASME35, Sanmakoonodann	am 11-gil Yangsan-Si,Gyeongsangnam	J. V.	
Plant Locations: 35,	Sanmakgongdannam 11-gil Yangsan	-Si.Gvennosanonamido Korea		
Categor	y of Fittings to be register	od Cirola and Cata	lv T	Title of the Ca
B Flanges: all flanges	g couplings, lees, elbows, Ys, r	olugs, unions, pipe caps, or reduc	ers	Title of the Standard of Construction
C Valves: all line valves	3		1,	ASME B31.1
D Expansion joints, flex Estrainers, filters, sepa	lible connections, and hose ass	emblies: all types		
F Measuring devices, in	icluding pressure gauges, level	gauges, sight glasses, levels, or	Drassura	ASME B16.34
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		table as primary over pressure p	rolection on	
H Pressure retaining cor	mponents that do not fall into or	ne of the above categories		
N Nuclear components:	Class 1 ☐ Class 2 ☐ Class	3 . (Meeting CNSC or ASME	requirements)	
Show Manufacturers	Name, Trademark, or Loc	o as it will appear on the p	roduct	Type of Construction
				orged A Welded D Wrought D
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List of supporting do	cumputation and identific			Bar stock
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Inline and Tee Fill				には発剤が
Superlok catalog,	Design reports, AR	Thomson System Prod	cedure # QS	C504
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D 1 11				
Declaration: J. Jong Chan, Your	•	DUT Co 144		
and responsibility for the	to touches and her willeum	oyed by BMT Co., Ltd.	and be	ing the person having full authority ned in this form is true to the best of
my knowledge represents	the product for which regis	tration is sought. The dimen	iomiation contail	ied in this form is true to the best of
ratings, and identification	markings are in accordance	with the herein named stand	dards. I further d	of construction, pressure temperature eclare that the manufacture of these
verified by 150 1601-HSB				
believing it to be true, and	knowing that it is of the sar	ne force and effect as if made	nd I make this sol	emn declaration conscientiously
	XIC Years	The verse and enter as it made	e under baut.	
Signature of Declarer:	antente de Dela		0126	
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This _ ab day of _	september AD a	0/8	space	for
Commissioner of Oaths	<b>+</b> .		달로	
Or Notary Public: (sign)	Jang Woon)	yeur IRMS	思さ	
, , , , _	(Affix Official seal to the right)	IC BLOOK WEE	11110	
		AR MOON TO	data.	- CON 6
	This registration must be re	space for Regulatory Authority validated after ten (10) years fro	n the visite of accou	MAAAA
CRN: 0E19112.2	560	101 (10) years 119	1 1 5	Dollista ariu
FID#: 15715	-	11	Vunavat	Pressure Vessels Act
	-			E OLD TERED
Notes:  All Fittings shall be registere	d to the serve of the serve			GISTERED
	d in the name of the Manufacturer corted with two Statutory Declaration		RN DE	19112.20
and one copy of supporting (	locumentation.	on rorms C		- 0
3. The Declaration shall be made	de by the person having full author	ily and	late Jan	11, 2019
responsibility for the quality of	of the end product			Contines A.
- Coality Control programs shi	all be resubmitted for validation	5	Sign:	- Halling
11/2016				Chief Regitto Fattings Rev.2
7::		_		



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 16, 2019

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

Service Request Type: BPV-Fitting Registration

Service Request No.: 2469550
Your Reference No.: 2018-06626
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.: 0E19112.25

Main Design No.: Dwg. NO. QSC504 Rev. B, Micron Tee & Micron Inline Filters (see the attachment to

the Statutory Declaration Form for the scope of registration.)

Expiry Date: 27-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

Engineer Specialist BPV Tel.: 416-734-3494 Fax: 416-231-6183 Email: mvalcic@tssa.org





# STATUTORY DECLARATION Registration of Fittings

I, N	/Ir Jong Chan, Yoon	, President	In this space, show facsimile of maniability makes
	(name of applicant)	(position title) (must be in a position of authority)	will appear on the fitting.
of _	BMT Co., Ltd.		% SUPERLOK
		(name of manufacturer)	1:
loca	ted at 21-1 BukJeong-Dong, Ya	angSan-si, GyungSangNam-Do, Korea	
	solemnly declare that the fittings eck one)	(plant address) listed hereunder, which are subject to the Safety	Codes Act
	comply with the requirements	s of ASME B31.1 and ASME B16.34 which s (title of recognized North American Standard)	specifies the dimensions,
	materials of construction, pre	essure/temperature ratings and identification mar	king of the fittings, or
	are not covered by the provis	ions of a recognized North American standard ar	nd are therefore manufactured
	to comply with	a	s supported by the attached
	(title of co	ode of construction or other applicable document)	
	data which identifies the dime	ensions, materials of construction, pressure/temp	erature ratings and the basis
		king of the fittings for identification.	
1 6			I man arrama sublich tiere trees
		e of these fittings is controlled by a quality contro	
verif	fied by the following authority, H	SB Registration Service as being suitable	le for the manufacture of
thes	e fittings to the stated standard.	The fittings covered by this declaration, for which	h I seek registration, are
Lat	Secretary Files		
11111	ine and Tee Filters	(brief description of fittings)	1
In si	upport of this application, the foll	owing information, calculations and/or test data a	are attached: Boilers and Vessels
			are attached: Boilers and Pressure Vessels Pressure Program
Su	perlok catalog, Design reports, A	AR Thomson System Procedure # QSC504	dards Safety
		and I all	thorny
DEC	CLARED before me at Yang	in the Greenglang hamds of	Kareo INI
this	19th day of Se	optember 1018	(province of sate)
ulio	(T) day or so	(Month) (Year)	Tillale o
(pri	nt) IANO WOON	VEOLING	16:16
(10.1	(a Commissioner of Oaths or No	tary Public)	Signed
/=:=:	Jang worn	yeng Jay	Em / Colored
(sigi	(a Commissioner of Oaths or No	tary Public) (signature	of applicant)
For	ABSA Office Use Only:		
	TES:		
		elief, the application meets the requirements of the	a Safaty Codes Ast and CSA
		cepted for registration in Category	e Salety Codes Act and CSA
-	DF19	119 75	
Keg	istration Number: 05	(Signature of	the Administrator/SCO)
Date	e Registered: Fan 16	Expiry Date: Nove	MBER 27, 6028
The in	nformation you provide is necessary only fo	r the administration of the programs as required by the Alberta Sa	afety Codes Act and Regulations in the
Press	NOIE: SEE The An	TACHMENT FOR THE SCOPE OF	REGIODES 1 11/2
	NOIE: SEE ING AM	THETITIENT FOR THE SCOTE OF	The state of the
			// Wh / L / / A

# A. R. Thomson Group

### A.R. THOMSON - Red Deer SYSTEM CONTROL PROCEDURE

**QSC504** 

B

R. Walker WRITTEN BY

Sept. 10, 2018

T. Cozens

Nov. 22, 2018

T. Cozens Sept. 18, 2018

SYSTEM PROCEDURE NO. Sept. 18, 2018

REV. 1 1 OF

SUBJECT

DATE REVISED BY Superlok Filters - Scope of Registration

DATE

REVIEWED BY

EFFECTIVE

DCN

Product	Primary Pressure		T-46	Design Condition				12 1 m. T. I	Mark Mark V
Description	Bearing/Retaining Component	Construction	End 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
Micron Tee Filters (STF Series)	Fitting Body	ASTM A276 grade 316	Superiok Tube Fitting CRN 0A18364.5C or Female NPT or Male NPT 1/8" to 1/2"	Up to 5000psig @ 70*F (See Table 1)	Up to 3280psig @900*F (See Table 1)	-40°F	n/a	ASME B16.34 ASME B31.1	Superlok Canada "Instrumentation Ball Valves" (Page 70-71)
Micron Inline Filters (SIF Series)	Fitting Body	ASTM A276 grade 316	Superlok Tube Fitting CRN 0A18364.5C or Female NPT or Male NPT 1/8" to 1/2"	Up to 3000psig @ 70°F (See catalog)	Up to 1640psig @ 900*F (See catalog)	-20°F	n/a	ASME B16.34 ASME B31.1	Superlok Canada "Instrumentation Ball Valves" (Page 68-69)

	ASTM A276	, grade 316
Size	@70F	@900F
	psig	psig
1/4 to 1/2	5000	3280
½ to ¾	4000	3180
3/4 to 1	4000	3180

Table 1: Micron Tee Filter Pressure Ratings Table (STF Series)

SAFETY CODES ACT - PROVINCE OF ALBERTA

REGISTRATION OF FITTINGS

DWG. NO. or CAT. NO. Q.SL504

XING LIU, P.Eng. 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
В	Added Table 1 and updated design condition column in scope table	Nov. 22, 2018	Tim Cozens	Tim Cozens

Boilers & Pressure Vessels

This document and the information herein contained are the confidential and exclusive property of A.R. Thomson Group. Any person making use of such property, except as expressly authorized by A.R. Thomson Group, will be exposed to



## 법무법인 삼 성

Registered No. 2018 - 1841

# 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 1841 호

인 증

위 등록신청서 에 기재된 촉탁인 주식회사 비엠티 대표이사 윤종찬 의 대리인 박세진은 본 공증인의 면전에서 위 사서증서에 위 본인이 기명날인한 것임을 확인하였다.

2018 년 9 월 19 일 이 사무소에 서 위 인증한다.

**법무법인 삼 성 소속 울산지방검찰청**경남 양산시 중앙로 168. 2층

공증담당 변호사

なる



Registered No. 2018 - 1841

### **Notarial Certificate**

SE JIN 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

FITTINGS.

This is hereby attested on this 19<sup>th</sup>day of SEP., 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.

New Brunswick Nunavut

11/2016

Nova Scotia Yukon

Prince Edward Island Northwest Territories

Newfoundland and Labrador

Manufacturers Name; вмт со., ым.		
Manufacturers Address: ASMESS, Senmakgongdennem 11-gli Yengs	RAD-Si GURDDERRONDOM de Veres	
Plant Locations: 35, Senmekgengdennem 11-gil Yangsen-Gi, Gyepnosen	gnam-do Korea	~
Calegory of Fiftings to be registered. Circle	one Colones - de	Title of the Co
A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, B Flanges; all flanges	pipe caps, or reducers	Title of the Standard of Construction
C Valves: all line valves	■ 2000000	
D Expansion joints, flexible connections, and hose assemblies: all b	BODY	ASME B31.1
E Diverners, filters, separators, and alasm trans		ASME B16.34
F Measuring devices, including pressure gauges, level gauges, sightransmitters	ıl glasses, levele, or pressure	
G Carlifled capacity-rated pressure relief devices acceptable as prim	BIV OVER DESSELIE DEGLECTION ON	
I DUIBLE, DIBEBULE VERSHIE, DIDING AND TURING MITTE		
H Pressure retaining components that do not fall into one of the about		~
N Nuclear components: Class 1 D Class 2 D Class 3 D, (Meeti	ing CNSC or ASME regulrements)	
Show Manufacturers Name, Trademark, or Logo as it will	appear on the product	Type of Construction
		Forged II Welded p Wrought n
* SUPERLOK		Cast C Other E Describe other:
10 JUICHEUN		
		Bar stock
List of supporting documentation and identification of the	actual Items to be registered	lailois, Li
Inline and Tee Filters		
	Contact Day 1	同間形容
Superlok catalog, Design reports, AR Thomson	System Procedure # 0	QSC504
,		
		1
Declaration:		
Ligna Chen Yoon	IT Co., Ltd.	folia et .
and responsibility for the guality of the and product do note	danfana Nati a ta	being the person having full authority
my knowledge represents the product for which registration is so ratings, and identification markings are in accordance with the broad ratings.	ought. The dimensions, material	s of construction programs to best of
ratings, and identification markings are in accordance with the he fittings is requisted by a Quality Control Program which extends	erein named standards. I furthe	r declare that the manufacture of these
believing it to be true, and knowing that it is of the same force an	of trial purpose and I make this :	solemn declaration conscientionaly
	a silver se si filece under pain,	
Signature of Declarer:	225012K	
Declared before me at SAMSUNG LAW & NOTARY OFFI	CE IN O DO DE LIN	7
This 19th day of september AD 2018		
	所成野兽 spa	C8 10
Commissioner of Oaths	I COMPANS	> // // // S
Or Nolary Public: (sign)	[[VIIIDIIE]	2 11 2
(Affix Official seal to the fight) G	JON VEOLINA	June 1
	egulatory Authority use	
This registration must be revalidated effe	PROVINCE OF PRINCE ED	SAPIONESS AND
CRN: <u>OE19112.2</u>	PROVINCE OF PRINCE EDV	WARD INTERNT
15715		
FID#: 15715	2 = 10	26.6111
Notes:	C.R.N.	11116
<ol> <li>All Finings shall be registered in the name of the Manufacturer.</li> </ol>	77	
2. Each Calegory and be supported with two Statutory Declaration forms	DATE:	
and one copy of supporting declaration that is a support of the person having full authority and		
<ol> <li>The Decleration shall be made by the person having full authority and responsibility for the guality of the and product.</li> </ol>	INSPECTION SERVICE	B9 SECTION
4. Quality Control programmy shall be resubmitted for validation.	INSPECTION SERVICE VE	SSEL BRANCH
	BOTTEK LETERACIED AT	

Sect 1.0 - Fillings Rev.2



To:	ABSA	From:	Janet Townsend	
Company:	BMT Co. Ltd.	Phone:	416-747-4291	
Pages:	5	Location:	Toronto	
Our File:	ANR-5246	Date:	March 19, 2019	

Your File: 2018-06626

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 0E19112.26.

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 27, 2018

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

Email:cozens.tim@arthomson.com

WX-900615

Accepted on: November 27, 2018

Expiry Date: November 27, 2028

The design submission, tracking number 2018-06626, originally received on October 04, 2018 was surveyed and accepted for registration as follows:

CRN:

Reg Type:

0E19112.2

**NEW DESIGN** 

Drawing No.: QSC504 Rev B

Fitting type: FILTER

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 is ASME B31.1 and B16.34.

- 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

REGISTERED



CRN: BE19112.26

Registration Process administered by CSA Group per CSA B51

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

Signed:

eu: V SiV



REGISTERED



CRN: 0E19112.26

Statutory Declaration Registration of Fittings
Registration Process administered by

(a) Design Qualification	CSA Group per CSA B51
I <sup>1</sup> Mr. Jong Chan, Yoon	
(Name of applicant)	
President (Position eg, president, plant manager,	chief eng.)
	in and the second of
of BMT Co., Ltd. (name of company)	
Located at 35, Sanmakgongdannam 11-gil Yangsan-Si,Gyeongsan	Risimal Repair
(plant address)	griam-do Norea
do solemnly declare that the fittings listed hereunder, which are subject to the Bo	ilers & Pressure Vessels Act:
comply with all the requirements of the ANSI/ASME codes as to their dim required: <b>ASME B31.1 and ASME B16.34</b> Or	ensions, material, identification & service for which are
are not covered by the provisions of the ANSI/ASME codes, and are to standard, and are designed to the best current engineering practice, as sh	
(b) Quality control of Manufacture	
I further declare the manufacture of these fittings is controlled by a quality control ISO 9001-HSB and has been verified by the following authority or authorized age	
The fittings <sup>2</sup> covered by this declaration, for which I seek registration, are Inlin	e and Tee Filters
In support of the application, the following information, calculations and/or test da Superlok catalog, Design reports, AR Thomson System Procedure	
Declared before me at SAMSUNG LAW & NOTARY OFFICE INC.	
In the <u>city of Yangsan</u> of <u>Korea</u>	
The 4th day of March AD 2019	
Table Vand	of C Youn
A (commissioner for oaths)	Signature of Declarer <sup>3</sup>
	Committee of the commit
For Official Use Only	
The application is accepted for registration in Category in ac and CSA Standard B51.	cordance with the Boilers and Pressure Vessels Act
This registration must be revalidated after ten (10) years from the date of accept	otance. Hov. 27.2028
Registered Number CRN 0E 19 11 2 , 26 For the CDate	A. BANWATT  Group Mar. 18.2019
	A Marie Control of the Control of th

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



<sup>1</sup> Three completed copies of Statutory Declaration form together with three copies of Catalogs, drawings of Bulletins illustrating above fittings shall be submitted.

<sup>&</sup>lt;sup>2</sup> All fittings are required to be registered in the name of the Manufacturer.

# A. R. Thomson Group

### A.R. THOMSON - Red Deer SYSTEM CONTROL PROCEDURE

QSC504

B REV.

R. Walker WRITTEN BY

Sept. 10, 2018 DATE

T. Cozens REVISED BY

Nov. 22, 2018

T. Cozens Sept. 18, 2018

SYSTEM PROCEDURE NO. Sept. 18, 2018

1

SUBJECT

DATE Superlok Filters - Scope of Registration

EFFECTIVE DCN

Product Description	Primary Pressure Bearing/Retaining Component	Material of Construction	End Connections and Size Range	Design Condition				10 Mg 10 Mg 10	
				Pressure at Ambient Temp.	Pressure at Design Temp.	MDMT	Pressure Class or Schedule	Design Code of Construction or Standard	Catalog Page or Drawing Numbers
Micron Tee Filters (STF Series)	Fitting Body	ASTM A276 grade 316	Superiok Tube Fitting CRN 0A18364.SC or Female NPT or Male NPT 1/8" to 1/2"	Up to 5000psig @ 70°F (See Table 1)	Up to 3280psig @900°F (See Table 1)	-40°F	n/a	ASME B16,34 ASME B31.1	Superlok Canada "Instrumentation Ball Valves" (Page 70-71)
Micron Inline Filters (SIF Series)	Fitting Body	ASTM A276 grade 316	Superiok Tube Fitting CRN 0A18364.5C or Female NPT or Male NPT 1/8" to 1/2"	Up to 3000psig @ 70°F (See catalog)	Up to 1640psig @ 900°F (See catalog)	-20°F	n/a	ASME B16,34 ASME B31.1	Superlok Canada "Instrumentation Ball Vaives" (Page 68-69)

Table 1: Micron Tee Filter Pressure Ratings Table (STF

	ASTM A276, grade 316			
Size	@70F	@900F psig		
	psig			
1/4 to 1/2	5000	3280		
1/2 to 3/4	4000	3180		
3/4 to 1	4000	3180		

Series) SAFETY CODES ACT - PROVINCE OF ALBERTA

REGISTRATION OF FITTINGS DE 19112.2

DWG. NO. or CAT. NO. Q.SU504

XING LIU, P.Eng. 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 Added Table 1 and and table 1	Date	Author	Approver	
В	Added Table 1 and updated design condition column in scope table	Nov. 22, 2018	Tim Cozens	Tim Cozens	



## 법무법인 삼 성

Registered No. 2019 - 369

# 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

0102007 (1207) 12070

## 법무법인 삼 성

등부 2019 년 제 369 호

인 증

NI-1 : 1 C- :: C--1-

Registered No. 2019 - **369** 

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



2019 년 3 월 4 일 이 사무소에서 위 인증한다.

**법무법인 삼 성 소속 울산지방검찰청**경남 양산시 중앙로 168. 2층

공증담당

변호사

るる



# Notarial Certificate

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

the STATUTORY DECLARATION Registration of Fittings .

This is hereby attested on this 4<sup>th</sup>day of MAR., 2019. 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.



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

#### REGISTRATION OF A PRESSURE FITTING DESIGN

07-Feb-19

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

Attention: Cynthia Formaniuk

FEB 1 3 2017 A.T.

File Number: 11026 [ 0 F]

Re: Manufacturer:

BMT Co., Ltd.

Item:

Inline and Tee Filters

Catalog or Drawing: Superlok Filters -Scope of Registration, QSC504 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:

0E19112.23

Expiry Date: Nov 27, 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.



Date Registered:



# STATUTORY DECLARATION Registration of Fittings

I, Mi	r Jong Chan, Yoon	, President	In this space, show facsimile of
of B	(name of applicant) BMT Co., Ltd.	(position title) (must be in a position of authority)	will appear on the fitting.
locate	ed at 21-1 BukJeong-Dong,	(name of manufacturer) YangSan-si, GyungSangNam-Do, Korea (plant address)	सिलिल्ल
	plemnly declare that the fitting	s listed hereunder, which are subject to the Safety	Codes Act
$\boxtimes$	comply with the requirement	tts of ASME B31.1 and ASME B16.34 which satisfies (title of recognized North American Standard)	specifies the dimensions,
	materials of construction, p	pressure/temperature ratings and identification man	rking of the fittings, or
	are not covered by the prov	risions of a recognized North American standard a	nd are therefore manufactured
	to comply with	а	s supported by the attached
	(title of	code of construction or other applicable document)	
	data which identifies the dir	nensions, materials of construction, pressure/temp	perature ratings and the basis
	for such ratings, and the ma	arking of the fittings for identification.	
I furth	ner declare that the manufactu	ure of these fittings is controlled by a quality control	ol program which has been
verifie	ed by the following authority,	HSB Registration Service as being suitab	le for the manufacture of
these	- fittings to the stated standard	d. The fittings covered by this declaration, for which	ch I seek registration, are
		*	
Inlin	e and Tee Filters	(brief description of fittings)	
In sup	pport of this application, the fo	ollowing information, calculations and/or test data	are attached:
Sup	erlok catalog, Design reports,	, AR Thomson System Procedure # QSC504	Technical Safaty Authority
_			nf Saskatchewan Boiler & P.V. Safety Unit
DECI	LARED before me at Yan	07-0-31	KOVER
this	1944 day of <	contember 5018	(province or state) CRN 0E19112'23
-	(-Er day or	(Month) (Year)	File 11026
(prin	) JANG WOON	YEOUNG	REGISTERED
	(a Commissioner of Oaths or N	Notary Public)	Date Feb 07, 2019
(sign)		Jung 30 /1	N/CV-27.2078
	(a Commissioner of Oaths or A	الله (signature) (signature	of applicant)  Design Survey Office
For A	ABSA Office Use Only:		
NOTE	ES:		
To the Stand	e best of my knowledge and b dard B51, Clause 4.2, and is a	pelief, the application meets the requirements of the accepted for registration in Category	e Safety Codes Act and CSA
Regis	stration Number:		
		(Signature of	the Administrator/SCO)

The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Pressure Equipment Discipline.

Expiry Date:

## A. R. Thomson Group

#### A.R. THOMSON - Red Deer SYSTEM CONTROL PROCEDURE

**QSC504** SYSTEM PROCEDURE NO.

В REV.

1

R. Walker WRITTEN BY

Sept. 10, 2018

T. Cozens

Nov. 22, 2018

T. Cozens Sept. 18, 2018

Sept. 18, 2018

1

SUBJECT

Superlok Filters - Scope of Registration

REVISED BY

DATE

REVIEWED BY

EFFECTIVE

DCN

Product Description	Primary Pressure Bearing/Retaining Component	Material of Construction	End Connections and Size Range	Design Condition				a transfer and	ASSESSED AND LA
				Pressure at Ambient Temp.	Pressure at Design Temp.	МОМТ	Pressure Class or Schedule	Design Code of Construction or Standard	Catalog Page or Drawing Numbers
Micron Tee Filters (STF Series)	Fitting Body	ASTM A276 grade 316	Superlok Tube Fitting CRN 0A18364.5C or Female NPT or Male NPT 1/8" to 1/2"	Up to 5000psig @ 70°F (See Table 1)	Up to 3280psig @900°F (See Table 1)	-40°F	n/a	ASME B16.34 ASME B31.1	Superiok Canada "Instrumentation Ball Valves" (Page 70-71)
Micron Inline Filters (SIF Series)	Fitting Body	ASTM A276 grade 316	Superlok Tube Fitting CRN 0A18364.5C or Female NPT or Male NPT 1/8" to 1/2"	Up to 3000psig @ 70°F (See catalog)	Up to 1640psig @ 900*F (See catalog)	-20°F	n/a	ASME B16.34 ASME B31.1	Superlok Canada "Instrumentation Ball Valves" (Page 68-69)

Table 1: Micron Tee Filter Pressure Ratings Table (STF

	ASTM A276, grade 316			
Size	@70F	@900F psig		
	psig			
1/4 to 1/2	5000	3280		
1/2 to 3/4	4000	3180		
3/4 to 1	4000	3180		

Series) SAFETY CODES ACT - PROVINCE OF ALBERTA

REGISTRATION OF FITTINGS

DWG. NO. or CAT. NO. <u>Q.SL</u>

XING LIU, P.Ena. 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
В	Added Table 1 and updated design condition column in scope table	Nov. 22, 2018	Tim Cozens	Tim Cozens

Technical Safety Authority of Saskatchewan Boiler & P.V. Safety Unit

CRN DE 19112:23 



### 법무법인 삼 성

Registered No. 2018 - 1847

# 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 법무법인

등부 2018 년 제 1847 호

Registered No. 2018 - 1847

## 0]

### **Notarial Certificate**

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

SE JIN PARK attorney-in-fact of JONG CHAN, YOON, President of BMT Co., Ltd. appeared before me and admitted principal's subscription to STATUTORY the attached the DECLARATION REGISTRATION OF FITTINGS.

2018 년 9 월 19 일 이 사무소에 서 위 인증한다.

This is hereby attested on this 19<sup>th</sup>day of SEP., 2018. at this office.

### 법무법인 소속 울산지방검찰청

경남 양산시 중앙로 168. 2층

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

WOON YEOUNG JANG

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.

#### UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION

1,

	CITIOTORY DECEME	CATION FORM FOR THE REGIS	STRATION OF FITTING DESIGNS
New Brunswick Nunavut	Nova Scotia Yukon	Prince Edward Island Northwest Territories	Newfoundland and Labrador
Manufacturers Nam	IE; BMT Co., Ltd.		
Manufacturers Addr	'ess: ASME35, Sanmakgongdanna	am 11-gil Yangsan-Si,Gyeongsangnam-do Korea	
Plant Locations: 35, S	anmakgongdannam 11-gil Yangsan-	Si,Gyeongsangnam-do Korea	
Category	of Fittings to be registere	d Circle one Cotenant and	Title of the Charles of
A Pipe fittings, including B Flanges: all flanges	couplings, tees, elbows, Ys, p	lugs, unions, pipe caps, or reducers	<u>Title of the Standard of</u> <u>Construction</u>
C Valves: all line valves			
D Expansion joints, flexib	ole connections, and hose asse	emblies; all types	ASME B31.1
E birainers, filters, separ	ators, and steam trans	10 10 10 10 10 10 10 10 10 10 10 10 10 1	ASME B16.34
LIGITALI IILLOIS		gauges, sight glasses, levels, or pressur	
G Certified capacity-rated	pressure relief devices accept	table as primary over pressure protection	n on
Dulleis, plessule vesse	els, piping and fusible plugs aponents that do not fall into on		
1		N <del></del>	
N Nuclear components:	Class 1  Class 2  Class	3 ☐ , (Meeting CNSC or ASME requirer	nents)
Show Manufacturers	Name, I rademark, or Log	o as it will appear on the product	
	0 F 1 M 40 M 10 M	-	Forged Melded D Wrought D
	SUPERLO	DIA.	Cast Other Describe other:
W.e. =	and piles		Bar stock
List of supporting doc	Ilmaniation and identifie	ation of the actual items to be reg	Dai Stock
		ation of the actual items to be reg	istered:
Inline and Tee Filte			に発送的
Superiok catalog, I	Design reports, AR 1	Thomson System Procedur	re # QSC504
		•	
Declaration:		D147 0 111	
Jong Chan, Yoon	(see note 3) emplo	yed by BMT Co., Ltd.	and being the person having full authority
and responsibility for the q	uality of the end product do	o solemnly declare that the informat	and being the person having full authority ion contained in this form is true to the best of
atings, and identification r	markings are in accordance	with the horsin named standard	materials of construction, pressure temperature
fittings is regulated by a Qu	uality Control Program white	ch extends to each plant where fabr	ication occurs in the the manufacture of these
verified by ISO 8001-HSB	as bein	g suitable for that purpose and I ma	ike this solemn declaration conscientiously
believing it to be true, and	knowing that it is of the sar	me force and effect as if made unde	r oath.
Signature of Declarer:	& C Yam		
Sociemed hofers mo at G	MYSUNG LAW & NOT	ADV OFFICE THE PAGE OF	
t ~ [].		1042800	
This <u>QEM</u> day of _	SEPTEMBET AD 0	-0/8 E	space for
Commissioner of Oaths	<b>+</b>		
or Notary Public: (sign)	Just Moon	YEAR RIBINES	
	/Affir Official and to the list	IO WOON WEEK	
	(Affix Official seal to the ribin	NG WOON YEOUNI	G 7 (ON)
	This registration must be re	space for Regulatory Authority use.	
CRN: 0E19112.2	The regionalier mast be re	evalidated after ten (10) years from the d	ate of acceptance
	<del>-</del> .		ate of acceptance.
FID#: 15715	_		145
lotes:			31
. All Fittings shall be registere	d in the name of the Manufacturer	. //	D BY
	orted with two Statutory Declaration	on forms	12
and one copy of supporting of	locumentation.		CRN 0E19112.2Y
The Declaration shall be made	de by the person having full author	rity and	
responsibility for the quality of		1	DATE 01/14/2010 /
Consider Control Broadships are	all be resubmitted for validation.	\	DATE <u>01/14/2019</u>
11/2016		`	Sect 1.0 - Fittings Rev
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