

9410 - 20 Ave N.W. Edmonton, Alberta, Canada T6N 0A4

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

October 04, 2021

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

The design submission, tracking number 2021-03547, originally received on June 29, 2021 was surveyed and accepted for registration as follows:

CRN: 0A21785.2 **Accepted on:** October 04, 2021

Reg Type: NEW DESIGN Expiry Date: October 04, 2031

Drawing No.: SEE AB-41 FORM, TABLE-1 SCOPE OF FITTING DESIGNES

Fitting type: MEDIUM PRESSURE PIPE FITTINGS Design registered in the name of : BMT CO LTD

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

- ASTM A276 316 material is cold finished-condition S and impact tested as per ASME B31.3 Paragraph 323.3.
- As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction is ASME B31.3.
- It is our understanding that the fitting(s), included as the scope of this submission, that is(are) subject to the Safety Codes Act shall comply with the requirements of the indicated Standard or Code of Construction on the AB-41 Statutory Declaration as supported by the attached data which identifies the dimensions, materials of construction, press./temp. ratings and the basis for such ratings, and the identification marking of the fittings.
- 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 3356 or fax (780) 437-7787 or e-mail Habteyes@absa.ca.

Sincerely,

HABTEYES, KASSA DOP Cert. No. D00009639

2021-03547 Page 1 of 1





STATUTORY DECLARATION Registration of Fittings Single or Multiple Fitting Designs within one Fitting Category

I, Jon	g Chan, Yoon		, President			In this space, show facsimile of manufacturer's logo or trademar as it will appear on the fitting.
of BM	(name of applicant)	(position title) (mu	st be in a position	on of authority)	9
_		(nam	ne of manufacturer)			
located	at 35, Sanmakgo	ngdannam 11	-gil Yangsan-Si,Gy	eongsangna	m-do Korea	
		**	plant address)			
	emnly declare that the only one)	ne fittings liste	ed hereunder, whic	h are subject	to the Safety Co	des Act
	comply with the rec	quirements of	(title of recognized No	orth American Ct	which spe	cifies the dimensions,
	materials of constr	uction, pressi	ure/temperature ra	tings and ide	ntification markin	g of the fittings, or
\boxtimes	are not covered by	the provisions	s of a recognized N	orth America	an standard and a	are therefore
	manufactured to co	mply with AS	ME B31.3		as su	oported by the
			of code of construction	or other applical		sported by the
	attached data which	h identifies the	e dimensions, mate	erials of cons	truction, pressure	e/temperature ratings
	and the basis for su					,
		aon raungo, an	ia trio idontinodilor	i marking or	ine mings.	
I furthe	r declare that the m	anufacture of	these fittings is co	ntrolled by a	quality control pr	ogram which has been
verified	as described in the	e below Table	as being suitable f	for the manuf	facturing of these	fittings to the stated
						by the declaration for
						by the declaration for
WITHOUT	seek registration a	re as provided	in the Supplemen	itary Sneet(s) attached.	
Quality	Program Verifica	tion and Man	ufacturing Sites			
А сору	of the Quality Certi	ficate from ea	ch manufacturing	site must be i	included	
Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address
1.	Medium Pressure Fittings	ISO 9001:2015	Design & Manufacturing of Valves, Manufacture of Fittings	August 16, 2022	HSB Registration Services	35, Sanmakgongdannam 11-gil Yangsan-Si, Gyeongsangnam-do Korea
2.						





In support of this application, the following information, calculations and/or test data are attached: DWG 210422-01-125-(01 to 04) DESIGN CALCULATION BMT-CS-18-S01 January June 30, 2011
(Signature of the Declarer) (Date) DECLARED before me at _____ (Month) (print) (a Commissioner of Oaths or Notary Public) (a Commissioner of Oaths or Notary Public) (expiry date (mm/dd/yy)) Commissioner of Oaths / Notary Public in and for: _______(province, territory, or state) For ABSA Office Use Only: NOTES: To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA 2021-03547 Standard B51, Part 1, Clause 4.2, and is accepted for **ABSA** registration in Category SAFETY CODES ACT - PROVINCE OF ALBERTA **ACCEPTED: 0A21785. 2** See acceptance letter for conditions of registration. Registered Date: Date: 2021-10-04 By: KASSA HABTEYES Expiry Date: October 04, 2031 This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance Signature: with the Flectronic Transactions Act. (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



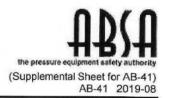


Table 1** Scope of Fitting Designs

	Primary		Port		Rated I	Pressure	_		Reference
Item #	Pressure Bearing / Retaining Component	Material of Construction	Connections and Size Range	MDMT	At Ambient Temperature	At Maximum Temperature	Pressure Class(es) / Schedule(s)	Design Code(s) of Construction	Catalogue (pages) or Drawing(s)
SMPC-MP 4/6/9/12/16	Cross Body	ASTM A276 Gr.316	UNF Threaded with Tube Bore (1/4", 3/8", 9/16", 3/4", 1")	-320F	20,000 psi @ 70F	20,000 psi @ 617F	N/A	ASME B31.3	210422-01- 125-04
SMPE-MP 4/6/9/12/16	Elbow Body	ASTM A276 Gr.316	UNF Threaded with Tube Bore (1/4", 3/8", 9/16", 3/4", 1")	-320F	20,000 psi @ 70F	20,000 psi @ 617F	N/A	ASME B31.3	210422-01- 125-02
SMPT-MP 4/6/9/12/16	Tee Body	ASTM A276 Gr.316	UNF Threaded with Tube Bore (1/4", 3/8", 9/16", 3/4", 1")	-320F	20,000 psi @ 70F	20,000 psi @ 617F	N/A	ASME B31.3	210422-01- 125-03
SMPSC-MP 4/6/9/12/16	Coupling Body	ASTM A276 Gr.316	UNF Threaded with Tube Bore (1/4", 3/8", 9/16", 3/4", 1")	-320F	20,000 psi @ 70F	20,000 psi @ 617F	N/A	ASME B31.3	210422-01- 125-01

Table 2 Additional Scope Information

List/Attach Additional Detail and References (Product Configurations, Options, Illustrations, etc.)	
Example:	
Series X Options	

racking #: 2021-03547

^{**} For additional alternatives of Table 1, refer to Form AB-41a, Guide for Completing Form AB-41

NUNAVUT	YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	BMT Co., Ltd.		
MANUFACTURERS ADDRESS:	35, Sanmakoonodannam 1	1-gil Yangsan-Si,Gyeongsangnam-do K	
I LOCALIONS:	35 Sanmakaanadaana 4	4 1152	orea
CATEGORY OF FITTIN	GO TO BE REGISTERED	1-gil Yangsan-Si,Gyeongsangnam-do Ko CIRCLE ONE CATEGORY ONLY	
B Flanges: all flanges C Valves: all line valves D Expansion joints flevible come	S. 1885, elbows, Ys, plugs, u	nlons, pipe.caps, or reducers	ASME B31.3
Measuring devices, including propressure transmitters Certified capacity-rated pressure boilers, pressure vessels, pinion.	e steam traps essure gauges, level gauges e relief devices acceptable a	s, sight glasses, levels, or us primary over pressure protection on	
riessure retaining companents	that do not fall late and of the	e above categories Meeting CNSC or ASME requirements)	
HOW MANUFACTUREDS NAME	TDADELALDIA	Meeting CNSC or ASME requirements)	
THE PAST OF THE PA	TRADEMARK, OR LOGO	AS IT WILL APPEAR ON THE PRODUC	TYPE OF CONSTRUCTION
KSU	IPERL		FORGED WELDED WROUGHT D CAST COTHER COTHER DESCRIBE OTHER: Machined
nufacture ratings, and identifican nufacture of these fittings is region part and has been verified by claration conscientiously believinature of Declarer.	duct for which registration tion markings are in acco gulated by a Quality Contr HSB Realstration Services ing it to be true, and know	is sought. The dimensions, materia ridance with the herein named stand rol Program which extends to each passed suitable for the same force and each passed it is of the same force and each passed in the same fo	lards. I further declare that the plant where fabrication occurs in whole hat purpose and I make this solemn affect as if made under oath.
lone Chan. Youn ponsibility for the quality of the knowledge represents the pro- nperature ratings, and identifica nufacture of these fittings is re- n part and has been verified by claration conscientiously believi nature of Declarer:	duct for which registration tion markings are in account to markings are in account to the services and the services are it to be true, and know AD	is sought. The dimensions, materia ridance with the herein named stand rol Program which extends to each pas being suitable for the same force and each passes of the same force and each passes. USETHIS	lards. I further declare that the plants where fabrication occurs in whole hat purpose and I make this solemn effect as if made under oath.
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UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS NEW BRUNSWICK NOVA SCOTIO

NUNAVUT	YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	BMT Co., Ltd.		
MANUFACTURERS ADDRESS	35, Sanmakgongdannar	n 11-gil Yangsan-Si,Gyeongsangnan	ado Kerns
PLANT LOCATIONS:	35, Sanmakoonedangar	n 11-nll Vanoran SI Gunanasa	
B Flanges: all flanges C Valves: all fine valves D Expansion loints flevible coor	98, tone, albowa, Ya, pluga	D. CIRCLE ONE CATEGORY ONLY I, unions, pipe caps, or reducers	INLE OF THE STANDARD OF CONSTRUCTOR ASME B31.3
F Wessuing devices, including	ina steam traps pressure gauges, level gau ina relief devices acceptab	iges, sight glasses, levels, or le as primary over pressure protection	по
N Nuclear components: Class 1	Class 2 Cines 3 [7]	(Mosting CNCC or A CNCC	
SHOW MANUFACTURERS NAM	E. TRADEMARK, OR LO	SO AS IT WILL APPEAR ON THE P	
2 SI	JPERI	LOK ®	FORGED IN WELDED IN WROUGHT IN CAST IN OTHER IN DESCRIPTION OF THE PROPERTY IN
DWG 210422-01-125-(01 to 04)	ENTATION AND IDENTIF	ICATION OF THE ACTUAL ITEMS T	O BE REGISTERED:
DESIGN CALCULATION BMT-C	S-18-S01		
DECLARATION:			
Jong Chan, Yoon	(essentia 3) Ernoloveri	by BMT Co. Ltd	
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emperature retings, and Mexic	median madelana t-	and the profession the district stoles, i	risterizie of construction, pressure
manufacture of these fittings le	manufated by a first	secondarios Autri nie usaciu uswec	standards, I further declare that the
or in part and has been verified	by HSB Registration Serv	ices as being suitab	each plant where fabrication occurs in whole e for that purpose and I make this solemn
recarrison conscientiously belie	eving it to be true, and k	nowing that it is of the same force	e for that purpose and I make this solemn and effect as if made under oath.
Signature of Declarer:	C 200	~~	
Declared before me at			
This day of	AD	USET	
Commissioner of Oaths	AU		FFICIAL BEAL
or Notary Public: (sign)			
(-8.7)			
	This s	pace for Regulatory Authority use	
This reg	istration must be revali	dated after ten (10) years from the	date of acceptance.
CRN: 0A21785.2		dated after ten (10) years from the control of the	SSORE V
45044		SOUTH MOVE	SCOTIA ES
FID#: 15311		(8/2m) 0	(3/10/cc +
Medium pressure fittings. 2	0000psi @ 70F to 6		7.05 10
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The declaration shall be made b	y the person having full au	thority and	. 0
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at a maximum interval of five (5) ye	ere de la	170	an S
CRN expires Oct.4th. 2031		& RE	Part Control of the C
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NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDW NORTHWES	ARD ISLAND T TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	BMT Co., Ltd.			
MANUFACTURERS ADDRESS:	35, Sanmakgongdannam	11-gil Yangsan-Si,	Gyeongsangnam-do Kore	ea ea
PLANT LOCATIONS:	35, Sanmakgongdannam	11-qil Yangsan-Si	Gyennasananam da Kasa	
Pipe fittings, including coupling B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible conn E Strainers, filters, separators, a Measuring devices, including pressure transmitters	NGS TO BE REGISTERED gs, tees, elbows, Ys, plugs, ections, and hose assemble and steam traps pressure gauges, level gauges	D. CIRCLE ONE CA unions, pipe caps, ies: all types ges, sight glasses, le	TEGORY ONLY or reducers evels, or	TITLE OF THE STANDARD OF CONSTRUCTION ASME B31.3
G Certified capacity-rated pressu	re relief devices acceptable	e as primary over pr	essure protection on	
boilers, pressure vessels, pipi H Pressure retaining component	no and flishie niligs			
N Nuclear components: Class 1	☐ Class 2 ☐ Class 3 ☐.	(Meeting CNSC or	ASME requirements)	
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Declared before me at				
This day of			USETHIS	SPA GE
Commissioner of Oaths	AD		OFF	ICIAL SEAL
or Notary Public: (sign)	This ex	nace for Regulate	B ^N	ew J. Nouveau
This re	gistration must be revali	pace for Regulatory dated after ten (1	O) years from the date	of acceptance, BLIC SAFETY
CRN: 0A21785.2				PRESSURE VESSELACT
FID#: 15311			RE	GISTRATION ONLY
Medium pressure fittings	20000psi @ 70F to 6	317F;	(2)	1 0 1 -
320F MDMT. 1/4" to 1" U Notes; 276 316 Cold finish 1. All fittings shall be registered in	INF thd. w/Tube bore	Э.	CRN Q	A21785,27
forms and one copy of supporting 3. The declaration shall be made	ed with two Statutory Decla documentation. by the person having full at	aration	CHIEF	a Crus BOILER INSPECTOR
responsibility for the quality of the 4. Quality control programs shall I	be resubmitted for validation	n	Orner	10/22/21
at a maximum interval of five (5) y	ears.		DATE.	Sect. 1.0 - Fittings Rev. 1 06/2003
CRN expires Oct.4th, 203	1 - DG			
			□BLRs	□ PVs
			TATILIAN	Thurst can occurrence
			FITTINGS	NUCLEAR COMPONENTS

	YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	BMT Co., Ltd.		
MANUFACTURERS ADDRESS:	35, Sanmakgongdannan	n 11-gil Yangsan-Si,Gyeongsangnam-do Ko	nea
LANT LOCATIONS:	35, Sanmakoonodannam	11-di Yangsan-Si Guangsananan da Ka	rea
CATEGORY OF FITTH	NGS TO BE REGISTERED	D. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
Pipe fittings, including coupling Flanges: all flanges Valves: all line valves Expansion joints, flexible connu	s, tees, elbows, Ys, plugs	Unions, pipe caps, or reducers	ASME B31.3
Measuring devices, including p pressure transmitters Certified capacity-rated pressure	nd steam traps ressure gauges, level gau		
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VG 210422-01-125-(01 to 04) SIGN CALCULATION BMT-C			
CLARATION:	(see nois 3; Embloyed	by BMT Co., Ltd	
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NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	BMT Co., Ltd.		
MANUFACTURERS ADDRESS:	35, Sanmakgongdanna	rm 11-gil Yangsan-Si,Gyeongsangnam-do Ko	rea
PLANT LOCATIONS:	35, Sanmakoonodanna	m 11-nll Yangsan-Si Gyeongsangnam de Ke	
Pipe fittings, including coupling Flanges: all flanges Valves: all line valves Expansion joints, flexible conne Strainers, filters, separators, ar Measuring devices, including p pressure transmitters	is, tees, elbows, Ys, plug ections, and hose assem d steam traps ressure gauges; level ga	blies: all types	ASME B31.3
H Pressure retaining components	that do not fall into one	of the above categories	
N Nuclear components: Class 1	Class 2 Class 3 C	J. (Meeting CNSC or ASME requirements)	
78SU	JPER	GO AS IT WILL APPEAR ON THE PRODUCE	FORGED WELDED WROUGHT D CAST OTHER D DESCRIBE OTHER: Machined
DEGLARATION:			
emperature ratings, and identific nanufacture of these fittings is no or in part and has been verified to ectaration conscientiously belie signature of Declarer:	oduct for which regists action markings are in egulated by a Quality by HSB Redistration Serving it to be true, and	USETHIS OFF	led in this form is true and to the best of als of construction, pressure lards. I further declare that the plant where fabrication occurs in whole
This reg	This : istration must be reve	space for Regulatory Authority use lidated after ten (10) years from the date	of agents
CRN: 0A21785.2 FID#: 15311 Medium pressure fittings. 2 320F MDMT. 1/4" to 1" UN Notes: 276 316 Cold finishe. 1. All fittings shall be registered in 2. Each category shall be supporte forms and one copy of supporting d 3. The deciaration shall be made by responsibility for the quality of the e 4. Quality control programs shall be at a maximum interval of five (5) ye	0000psi @ 70F to NF thd. w/Tube bold Cond S - DG have or the Manufac d with two Statutory Decoumentation. The person having full and product.	617F; re. sturer. daration	BY 0A21785.2Y DATE 10/25/2021
CRN expires Oct.4th, 2031	- DG		Sect. 1.0 - Fittings Rev. 1 06/2003

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR	
MANUFACTURERS NAME:	BMT Co., Ltd.			1
MANUFACTURERS ADDRESS:	35, Senmakgongdannem 11-	gil Yangsan-Si,Gyeongsangnam-do Kora	2	
PLANT LOCATIONS:	35, Sanmakoonodanuum 11-	Il Vanceau Cl Cuennassan de M		
Pienges: all franças Flanças: all franças C Valves: all the valves Expansion joints, flexible conn. Strahers, fiftens, separators, air Measuring devices, including p pressure transmittens G Cartified capacity-rated pressure bollers, pressure vessels, plpin Pressure retaining components	gs, tees, elbows, Ys, plugs, unio ections, and bose assemblies; nd steem traps ressure gauges, level gauges, s re relief devices acceptable as p 19 and fusible plugs s that do not fell to one of the	ali types light glasses, levels, or primary over pressure protaction on	ASME B31.3	
HOW MANUFACTURERS HAME	TRADEMARY OR LOCK	BIT WILL APPEAR ON THE PRODUCT		
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DESIGN CALCULATION BMT-CS				
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nature of Declarer:	- Joseph			
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s day of mmissioner of Oaths	AD	OFFI	CLAL BEAL	
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This regis	stration must be ravalidated	after ten (10) years from the date of a	acc anca.	1
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15311		/	Territories	
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UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS NEW BRUNSWICK NOVA SCOTTA

NUNAVUT	YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	BMT Co., Ltd.		
MANUFACTURERS ADDRESS:		11-gil Yangsan-Si,Gyeongsangnam-do Kore	
LANT LOCATIONS:	35. Sanmalmonardenumm	11 of Vangage CI Co.	3
CATEGORY OF FITTIN	MOLEY DE MEGISTERED.	CIRCLE OME CAYEOGRAV AND	Introduction of the second second
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This regis	This specitration must be revalidat	e for Regulatory Authority use ed after ten (10) years from the clate of a	
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expires Oct.4th, 2031 - I	DG	Date OCTOBO	Sed 10 - Fillings Roy 1 080003
		Signed	Max h.
			Chief Inspector
		Territori	al Registration Fee



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: November 8, 2021

Account #: 34986 **Journal #:** 78942

Attn: NATHALIE DUGO

Re: Application for Design Registration

The design, as detailed in your, BMT 2021-03547, for a Fitting is accepted for registration as follows:

Registered To: BMT CO LTD CRN: 0A21785.21

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:

Scope of Registration: SEE AB-41 FORM, TABLE-1 SCOPE OF FITTING DESIGNS

As required by CSA B51 4.2.1, this registration expires on 04-Oct-2031. 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# 0A21785.2 registration shall apply to BC registration.

(PROD) 30400-20 GST #: 87391 2802 RT0001



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

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:

(PROD) 30400-20 GST #: 87391 2802 RT0001



Direction générale de l'inspection

Montréal, 4 novembre 2021.

MADAME NATHALIE DUGO ABSA 9410 - 20 AVENUE N.W. EDMONTON ALBERTA CANADA T6N 0A4

Fabricant: BMT CO. LTD

35 SANMAKGONGDANNAM 11-GIL YANGSAN-SI GYEONGSANGNAM-D

KOREA

Numéro de dossier : 948781

Numéro(s) de dessin(s): PER SCOPE OF FITTING DESIGNS

Objet: Enregistrement des plans et devis - Confirmation de l'enregistrement

Bonjour,

Nous vous informons que votre demande d'enregistrement de plans et devis a été traitée et que cette conception a été enregistrée sous le numéro d'enregistrement canadien (NEC\CRN) suivant : **0A21785.26.**

Nous portons votre attention sur certaines exigences réglementaires concernant les installations sous pression, ainsi que des codes et normes qui y sont associés :

- Le fabricant doit maintenir un programme de contrôle de la qualité valide pour fabriquer un équipement selon ce NEC;
- Ce numéro d'enregistrement demeure valide tant et aussi longtemps que les paramètres de conception demeurent inchangés. Dans le cas d'accessoires, l'enregistrement est valide pour une durée de 10 ans à partir de la date d'enregistrement. Les documents de conception doivent alors être resoumis pour validation;
- Le fabricant doit nous transmettre une copie de la Déclaration de conformité du constructeur (Manufacturer's Data Report) pour chaque appareil ou chaudière fabriqué selon ce NEC dans les 30 jours suivant la signature de cette déclaration;
- Le numéro de dessin enregistré et le numéro de révision doivent être indiqués sur la déclaration de conformité pour les équipements fabriqués selon ce NEC.

Le présent avis d'approbation ne dégage pas le fabricant de ses responsabilités quant à la conception ou à la construction des équipements ou d'accessoires fabriqués selon un NEC.

Bureau d'expertise et d'homologation en équipements sous pression

Montréal

545, boul. Crémazie Est, 7ième étage Montréal (Québec) H2M 2V2 Téléphone : 514 873-6459 Sans frais : 1 866 262-2084

www.rbq.gouv.qc.ca



Montréal, le 4 novembre 2021.

MRS. NATHALIE DUGO ABSA 9410 - 20 AVENUE N.W. EDMONTON ALBERTA CANADA T6N 0A4

Manufacturer: BMT CO. LTD

35 SANMAKGONGDANNAM 11-GIL YANGSAN-SI GYEONGSANGNAM-D

KOREA

OUR REFERENCE: 948781

Design number: PER SCOPE OF FITTING DESIGNS

Subject: Design registration confirmation

Hi,

We wish to inform you that your design registration application has been evaluated and that it was registered under the following Canadian Registration Number (CRN): **0A21785.26.**

The following is a reminder of your obligations regarding certain requirements of the regulation respecting pressure vessels, and the referenced codes and standards:

- The manufacturer must maintain a valid quality control program to manufacture equipment according to the CRN.
- The CRN remains valid as long as there are no changes to the design calculations that might affect the pressure boundary. The design registration of fittings expires 10 years after acceptance. It must, therefore, be resubmitted for validation.
- The manufacturer shall submit a copy of the *Manufacturer's Data Report* to us for each equipment manufactured according to this CRN within 30 days following the signing of this report.
- The drawing number and the revision number registered under this CRN must be indicated on the *Manufacturer's Data Report* for equipment manufactured according to the CRN.

This notice of approval does not relieve the manufacturer of their responsibilities with respect to the design or fabrication of equipment manufactured according to this CRN.

Yours sincerely,

Bureau d'expertise et d'homologation en équipements sous pression

Montréal

www.rbq.gouv.qc.ca



Statutory Declaration Registration of Fittings

Building Act (B-1.1)
Regulation respecting pressure vessels (B-1.1, r. 6.1)
Boiler, pressure vessel, and pressure piping code (CSA B51)

This declaration must be filled out and sent to the Régie du bâtiment du Québec (RBQ) by pressure fitting manufacturers when they make an application registration for fittings.

For more information on the application registration for fittings, consult the www.rbq.gouv.qc.ca/fittings-pv.

1. Fittings to register

List the fittings included in this declaration and that you wish to register.

Nº Descr	iption	Additional information (detail, calculations or approval sheets)	
1	Medium Pressure Coupling	Dwg: 210422-01-125-01	
2	Medium Pressure Elbow	Dwg: 210422-01-125-02	
3	Medium Pressure Tee	Dwg: 210422-01-125-03	
4	Medium Pressure Cross	Dwg: 210422-01-125-04	
5		DESIGN CALCULATION BMT-CS-18-S01	

2. Declaration of the person in charge

The person in charge is someone in a position of authority, such as a vice-president, a plant manager or a chief engineer.

2.1 Design		
I, the undersigned	d, Jong Chan, Yoo	n President
<u>≅</u>	(Name of the person in char	ge) (Title of the person in charge)
from	BMT Co., Ltd.	35, Sanmakgongdannam 11-gil Yangsan-Si,Gyeongsangnam-d
(C	ompany's name)	(Plant's address)
hereby declare th	at the above-mentioned fittings and s	ubject to the Regulation respecting pressure installations:
		odes as to their dimensions, identification, material and purpose
are not covere	ed by the ANSI/ASME codes, but are i	n compliance with ASME B31.3
		(Name of code or standard)
code or standard	and are designed according to the be	st current engineering practice, as proven by the enclosed approval report.
	ng quality control	
2.2 Manufacturii	.g quanty control	
	nat the manufacture of these fittings is ISO9001:2015 , and has bee	controlled by a quality control program that complies with the requirements of the HSB Registration Services
I further declare to	hat the manufacture of these fittings is	HSP Pogiatration Consider

3. Declaration of commissioner for oaths

I certify that this declaration	n has been adn	ninistered befo	ore me, at		, on		
				(Location)		(Date (yyyy-mm-dd)):
Signature of commissioner	for oaths:				Date (yyyy-	mm-dd):	
Stamp the seal:							

4. Registration confirmation (for RBQ's use only)

accepted for registration in the c	lass	the Act and with standard CSA B51, Part 1, section 4.2, and is on indicated above, and it must be validated again after this period.
Canadian registration number (C	CRN): Chregistré au Quebe	Registration date (yyyy-mm-dd):
	Régie du bâtiment Québec 💀 🚱	
	Perue par la RBQ	

Documents to attach

Any application registration for fittings must include these documents:

- Statutory Declaration Registration of Fittings (2 copies)
- Detailed calculations or burst test report (1 copy)
- Detailed technical drawings or catalogues (2 copies)
- Example of the manufacturer's marking (1 copy)
- Proof that a valid and approved quality control program has been implemented (1 copy)
- Form Application for design registration (1 copy)

Sending the form

This declaration is necessary to submit an application for design registration. Design registration applications must be sent by email only to enregistrementdesplans@rbq.gouv.qc.ca.

Documents must be in PDF format and in separate files.





STATUTORY DECLARATION Registration of Fittings Single or Multiple Fitting Designs within one Fitting Category

I, Jon	g Chan, Yoon		, President			In this space, show facsimile of manufacturer's logo or trademar as it will appear on the fitting.
of BM	(name of applicant)	(position title) (mu	st be in a position	on of authority)	9
_		(nam	ne of manufacturer)			
located	at 35, Sanmakgo	ngdannam 11	-gil Yangsan-Si,Gy	eongsangna	m-do Korea	
		**	plant address)			
	emnly declare that the only one)	ne fittings liste	ed hereunder, whic	h are subject	to the Safety Co	des Act
	comply with the rec	quirements of	(title of recognized No	orth American Ct	which spe	cifies the dimensions,
	materials of constr	uction, pressi	ure/temperature ra	tings and ide	ntification markin	g of the fittings, or
\boxtimes	are not covered by	the provisions	s of a recognized N	orth America	an standard and a	are therefore
	manufactured to co	mply with AS	ME B31.3		as su	oported by the
			of code of construction	or other applical		sported by the
	attached data which	h identifies the	e dimensions, mate	erials of cons	truction, pressure	e/temperature ratings
	and the basis for su					,
		aon raungo, an	ia trio idontinodilor	i marking or	ine mings.	
I furthe	r declare that the m	anufacture of	these fittings is co	ntrolled by a	quality control pr	ogram which has been
verified	as described in the	e below Table	as being suitable f	for the manuf	facturing of these	fittings to the stated
						by the declaration for
						by the declaration for
WITHOUT	seek registration a	re as provided	in the Supplemen	itary Sneet(s) attached.	
Quality	Program Verifica	tion and Man	ufacturing Sites			
А сору	of the Quality Certi	ficate from ea	ch manufacturing	site must be i	included	
Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address
1.	Medium Pressure Fittings	ISO 9001:2015	Design & Manufacturing of Valves, Manufacture of Fittings	August 16, 2022	HSB Registration Services	35, Sanmakgongdannam 11-gil Yangsan-Si, Gyeongsangnam-do Korea
2.						





In support of this application, the following information, calculations and/o	or test data are attached:
DWG 210422-01-125-(01 to 04)	
DESIGN CALCULATION BMT-CS-18-S01	
(Signature of the Declarer)	me 30, 2021
DECLARED before me at in the	of (province, territory, or state)
this day of,(Year)	(province, territory, or state)
(print) (Year) (a Commissioner of Oaths or Notary Public)	
(sign)(a Commissioner of Oaths or Notary Public)	
(expiry date (mm/dd/yy)) Commissioner of Oaths / Notary Public in and for: (province	e, territory, or state)
For ABSA Office Use Only:	
NOTES:	
To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Part 1, Clause 4.2, and is accepted for registration in Category	
CRN:	
Registered Date:	
Expiry Date: October 04, 2031	
Signature:	
(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	



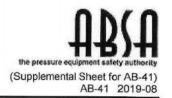


Table 1** Scope of Fitting Designs

	Primary		Port		Rated I	Pressure		D	
Item #	Pressure Bearing / Retaining Component	Material of Construction	Connections and Size Range	MDMT	At Ambient Temperature	At Maximum Temperature	Pressure Class(es) / Schedule(s)	Design Code(s) of Construction	Reference Catalogue (pages) or Drawing(s)
SMPC-MP 4/6/9/12/16	Cross Body	ASTM A276 Gr.316	UNF Threaded with Tube Bore (1/4", 3/8", 9/16", 3/4", 1")	-320F	20,000 psi @ 70F	20,000 psi @ 617F	N/A	ASME B31.3	210422-01- 125-04
SMPE-MP 4/6/9/12/16	Elbow Body	ASTM A276 Gr.316	UNF Threaded with Tube Bore (1/4", 3/8", 9/16", 3/4", 1")	-320F	20,000 psi @ 70F	20,000 psi @ 617F	N/A	ASME B31.3	210422-01- 125-02
SMPT-MP 4/6/9/12/16	Tee Body	ASTM A276 Gr.316	UNF Threaded with Tube Bore (1/4", 3/8", 9/16", 3/4", 1")	-320F	20,000 psi @ 70F	20,000 psi @ 617F	N/A	ASME B31.3	210422-01- 125-03
SMPSC-MP 4/6/9/12/16	Coupling Body	ASTM A276 Gr.316	UNF Threaded with Tube Bore (1/4", 3/8", 9/16", 3/4", 1")	-320F	20,000 psi @ 70F	20,000 psi @ 617F	N/A	ASME B31.3	210422-01- 125-01

Table 2 Additional Scope Information	tatré au o
List/Attach Additional Detail and References (Product Configurations, Options, Illustrations, etc.)	cinegistré au Québacon de la company de la c
Example:	Régie
Series X Options	du bâtiment Québec * *
	02/11/2021

^{**} For additional alternatives of Table 1, refer to Form AB-41a, Guide for Completing Form AB-41

Tevue par la RB



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

REGISTRATION OF A PRESSURE FITTING DESIGN

05-Nov-21

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

Attention: Nathalie Dugo File Number: 12788 [0 F]

Re: Manufacturer: BMT Co. Ltd.

Item: Medium Pressure Pipe Fittings

Catalog or Drawing: Per Scope of Fitting Designs & Supporting Drawings

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:

OA21785.23 Expiry Date: October 4, 2031

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,

Athan Syrgiannis, P.Eng.

Codes and Standards Compliance

Remarks:

A valid quality control program must be maintained at the production facility for the fitting registration to remain valid until the expiry date.

Conditional upon compliance with the notes on the original ABSA registration.

Due to COVID-19 restrictions, this registration is conditional based on TSASK receiving a valid Statutory Declaration that has been witnessed and signed by a Commissioner of Oaths or a Notary Public at your earliest convenience.





STATUTORY DECLARATION Registration of Fittings Single or Multiple Fitting Designs within one Fitting Category

I, Jon	g Chan, Yoon		, President			In this space, show facsimile of manufacturer's logo or trademar as it will appear on the fitting.
of BM	(name of applicant)	(position title) (mu	st be in a position	on of authority)	9
_		(nam	ne of manufacturer)			
located	at 35, Sanmakgo	ngdannam 11	-gil Yangsan-Si,Gy	eongsangna	m-do Korea	
		**	plant address)			
	emnly declare that the only one)	ne fittings liste	ed hereunder, whic	h are subject	to the Safety Co	des Act
	comply with the rec	quirements of	(title of recognized No	orth American Ct	which spe	cifies the dimensions,
	materials of constr	uction, pressi	ure/temperature ra	tings and ide	ntification markin	g of the fittings, or
\boxtimes	are not covered by	the provisions	s of a recognized N	orth America	an standard and a	are therefore
	manufactured to co	mply with AS	ME B31.3		as su	oported by the
			of code of construction	or other applical		sported by the
	attached data which	h identifies the	e dimensions, mate	erials of cons	truction, pressure	e/temperature ratings
	and the basis for su					,
		aon raungo, an	ia trio idontinodilor	i marking or	ine mings.	
I furthe	r declare that the m	anufacture of	these fittings is co	ntrolled by a	quality control pr	ogram which has been
verified	as described in the	e below Table	as being suitable f	for the manuf	facturing of these	fittings to the stated
						by the declaration for
						by the declaration for
WITHOUT	seek registration a	re as provided	in the Supplemen	itary Sneet(s) attached.	
Quality	Program Verifica	tion and Man	ufacturing Sites			
А сору	of the Quality Certi	ficate from ea	ch manufacturing	site must be i	included	
Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address
1.	Medium Pressure Fittings	ISO 9001:2015	Design & Manufacturing of Valves, Manufacture of Fittings	August 16, 2022	HSB Registration Services	35, Sanmakgongdannam 11-gil Yangsan-Si, Gyeongsangnam-do Korea
2.						





In support of this application, the following information, or	calculations and/or test data are attached:
DWG 210422-01-125-(01 to 04)	
DESIGN CALCULATION BMT-CS-18-S01	
(Signature of the Declarer)	June 30, sol
DECLARED before me at in the	of
this day of,,	(province, territory, or state)
(Month)	(Year)
print)(a Commissioner of Oaths or Notary Public)	
,	
sign) (a Commissioner of Oaths or Notary Public)	
(expiry date (mm/dd/yy))	
Commissioner of Oaths / Notary Public in and for:	
	(province, territory, or state)
For ABSA Office Use Only:	
NOTES:	
To the best of my knowledge and belief, the application	1
meets the requirements of the Safety Codes Act and C Standard B51, Part 1, Clause 4.2, and is accepted for registration in Category	CSA
	Technical
CRN:	Safety Authority of Saskatchewan
	Registration NoOA21785.23
Registered Date:	File No
October 04 2031	Registered Date: November 5, 2021
Expiry Date: October 04, 2031	Expiry Date: October 4, 2031
Signature:	Codes & Standards Compliance Office
Signature: (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 t	the
Pressure Equipment Discipline	



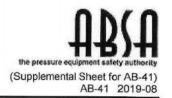


Table 1** Scope of Fitting Designs

	Primary		Port		Rated F	Pressure	_	Decim	
Item #	Pressure Bearing / Retaining Component	Material of Construction	Connections and Size Range	MDMT	At Ambient Temperature	At Maximum Temperature	Pressure Class(es) / Schedule(s)	Design Code(s) of Construction	Reference Catalogue (pages) or Drawing(s)
SMPC-MP 4/6/9/12/16	Cross Body	ASTM A276 Gr.316	UNF Threaded with Tube Bore (1/4", 3/8", 9/16", 3/4", 1")	-320F	20,000 psi @ 70F	20,000 psi @ 617F	N/A	ASME B31.3	210422-01- 125-04
SMPE-MP 4/6/9/12/16	Elbow Body	ASTM A276 Gr.316	UNF Threaded with Tube Bore (1/4", 3/8", 9/16", 3/4", 1")	-320F	20,000 psi @ 70F	20,000 psi @ 617F	N/A	ASME B31.3	210422-01- 125-02
SMPT-MP 4/6/9/12/16	Tee Body	ASTM A276 Gr.316	UNF Threaded with Tube Bore (1/4", 3/8", 9/16", 3/4", 1")	-320F	20,000 psi @ 70F	20,000 psi @ 617F	N/A	ASME B31.3	210422-01- 125-03
SMPSC-MP 4/6/9/12/16	Coupling Body	ASTM A276 Gr.316	UNF Threaded with Tube Bore (1/4", 3/8", 9/16", 3/4", 1")	-320F	20,000 psi @ 70F	20,000 psi @ 617F	N/A	ASME B31.3	210422-01- 125-01

List/Attach Additional Detail and References (Product Configurations, Options, Illustration	ns, etc.)
Example:	
Series X Options	

Technical
Safety Authority
of Saskatchevvan

Registration No. OA21785.23

File No. 12788

Registered
Date: November 5, 2021

Expiry Date: October 4, 2031

Codes & Standards Compliance Office

Tracking #: 2021-03547

^{**} For additional alternatives of Table 1, refer to Form AB-41a, Guide for Completing Form AB-41



345 Carlingview Drive Toronto, Ontario M9W 6N9 Tel.: 416.734.3300 Fax: 416.231.1626 Toll Free: 1.877.682.8772

www.tssa.org

February 10, 2022

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

Workorder Type: Registration - Fitting(Conventional)

Workorder No: 8048264

Your Reference No.: 2021-03547 - CRN#0A21785.2 - MEDIUM PRESSURE PIPE FITTINGS

Registered to: BMT CO LTD

Dear NATHALIE DUGO,

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

CRN: 0A21785.25

Main Design No.: 210422-01-125-01/02/03/04

Expiry Date: Oct 04, 2031

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

-Design registration completed under interprovincial agreement with jurisdictional check only, - see ABSA registration letter for notes applicable to this registration

The stamped copy of the approved registration and the invoice are mailed separately (There will be no hard copies for electronic submissions). 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,

Hammad Wasif P.Eng. Engineer, BPV

Tel.: +1 416-734-3441 Email: hwasif@tssa.org





STATUTORY DECLARATION Registration of Fittings Single or Multiple Fitting Designs within one Fitting Category

I, Jon	g Chan, Yoon		, President			In this space, show facsimile of manufacturer's logo or trademar as it will appear on the fitting.
of BM	(name of applicant)	(position title) (mu	st be in a position	on of authority)	9
_		(nam	ne of manufacturer)			
located	at 35, Sanmakgo	ngdannam 11	-gil Yangsan-Si,Gy	eongsangna	m-do Korea	
		**	plant address)			
	emnly declare that the only one)	ne fittings liste	ed hereunder, whic	h are subject	to the Safety Co	des Act
	comply with the rec	quirements of	(title of recognized No	orth American Ct	which spe	cifies the dimensions,
	materials of constr	uction, pressi	ure/temperature ra	tings and ide	ntification markin	g of the fittings, or
\boxtimes	are not covered by	the provisions	s of a recognized N	orth America	an standard and a	are therefore
	manufactured to co	mply with AS	ME B31.3		as su	oported by the
			of code of construction	or other applical		sported by the
	attached data which	h identifies the	e dimensions, mate	erials of cons	truction, pressure	e/temperature ratings
	and the basis for su					,
		aon raungo, an	ia trio idontinodilor	i marking or	ine mings.	
I furthe	r declare that the m	anufacture of	these fittings is co	ntrolled by a	quality control pr	ogram which has been
verified	as described in the	e below Table	as being suitable f	for the manuf	facturing of these	fittings to the stated
						by the declaration for
						by the declaration for
WITHOUT	seek registration a	re as provided	in the Supplemen	itary Sneet(s) attached.	
Quality	Program Verifica	tion and Man	ufacturing Sites			
А сору	of the Quality Certi	ficate from ea	ch manufacturing	site must be i	included	
Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address
1.	Medium Pressure Fittings	ISO 9001:2015	Design & Manufacturing of Valves, Manufacture of Fittings	August 16, 2022	HSB Registration Services	35, Sanmakgongdannam 11-gil Yangsan-Si, Gyeongsangnam-do Korea
2.						





In support of this application, the following information, calc	culations and/or test data are attached:	
DWG 210422-01-125-(01 to 04)		
DESIGN CALCULATION BMT-CS-18-S01		
(Signature of the Declarer)	June 30, 2021	_
DECLARED before me at in the	of (province, territory, or state)	
this day of,	(province, territory, or state)	
(nrint)	(Year)	
(print) (a Commissioner of Oaths or Notary Public)		
(sign) (a Commissioner of Oaths or Notary Public)		
(a commissioner of Caus of Notary Public)		
(expiry date (mm/dd/yy))		
Commissioner of Oaths / Notary Public in and for:	(
	(province, territory, or state)	
For ABSA Office Use Only:		
NOTES:		
To the best of my knowledge and belief, the application		
meets the requirements of the Safety Codes Act and CSA Standard B51, Part 1, Clause 4.2, and is accepted for registration in Category	Technical Boilers and Standards Pressure Vessels and Safety Safety Program	
CRN:	Authority	
	REGISTERED	
Registered Date:		
Expiry Date: October 04, 2031	C.R.N.: 0A21785.25	
Expiry Date:	Signed: Fabruary 10, 2022	
Signature:	Date: February 10, 2022.	
(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		



the pressure equipment safety authority (Supplemental Sheet for AB-41) AB-41 2019-08

Table 1** Scope of Fitting Designs

	Primary		Port		Rated Pressure		_		Reference
Item #	Pressure Bearing / Retaining Component	Material of Construction	Connections and Size Range	MDMT	At Ambient Temperature	At Maximum Temperature	Pressure Class(es) / Schedule(s)	Design Code(s) of Construction	Catalogue (pages) or Drawing(s)
SMPC-MP 4/6/9/12/16	Cross Body	ASTM A276 Gr.316	UNF Threaded with Tube Bore (1/4", 3/8", 9/16", 3/4", 1")	-320F	20,000 psi @ 70F	20,000 psi @ 617F	N/A	ASME B31.3	210422-01- 125-04
SMPE-MP 4/6/9/12/16	Elbow Body	ASTM A276 Gr.316	UNF Threaded with Tube Bore (1/4", 3/8", 9/16", 3/4", 1")	-320F	20,000 psi @ 70F	20,000 psi @ 617F	N/A	ASME B31.3	210422-01- 125-02
SMPT-MP 4/6/9/12/16	Tee Body	ASTM A276 Gr.316	UNF Threaded with Tube Bore (1/4", 3/8", 9/16", 3/4", 1")	-320F	20,000 psi @ 70F	20,000 psi @ 617F	N/A	ASME B31.3	210422-01- 125-03
SMPSC-MP 4/6/9/12/16	Coupling Body	ASTM A276 Gr.316	UNF Threaded with Tube Bore (1/4", 3/8", 9/16", 3/4", 1")	-320F	20,000 psi @ 70F	20,000 psi @ 617F	N/A	ASME B31.3	210422-01- 125-01

	THIS IS PART OF CRN
List/Attach Additional Detail and References (Product Configurations, Options, Illustrations, etc.)	0A21785.25
Example:	Technical Standards and Safety Authority
Series X Options	Boilers and Pressure Vessels Safety Program

^{**} For additional alternatives of Table 1, refer to Form AB-41a, Guide for Completing Form AB-41

2021-03547