

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

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

August 17, 2021

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

The design submission, tracking number 2021-03546, originally received on June 29, 2021 was surveyed and accepted for registration as follows:

CRN: 0C21696.2 Accepted on: August 17, 2021

Reg Type: **NEW DESIGN** Expiry Date: August 17, 2031

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

Fitting type: BALL, NEEDLE, CHECK & RELIEF VALVES

Design registered in the name of : BMT CO LTD

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

- The ASTM A276 316 material is cold finished-condition B.
- As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction are ASME B31.1 and 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

Page 1 of 1 2021-03546

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	BMT Co., Ltd.		
MANUFACTURERS ADDRESS:	35, Sanmakgongdanna	am 11-gil Yangsan-Sl,Gyeongsangnam-do Ko	rea
PLANT LOCATIONS:	35, Sanmakgongdanna	m 11-nil Yangsan-Si Gyangsanggam-do Kor	
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Commissioner of Oaths		OFF	ICIAL SEAL
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This reg	gistration must be reve	space for Regulatory Authority use alidated after ten (10) years from the date	of acceptance.
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CRN: 0C21090.2		COMMINITY	F PRINCE EDWARD ISLAND
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MANUFACTURERS NAME:	BMT Co., Ltd	Market and the second property of the second	
MANUFACTURERS ADDRESS:	35, Sanmakgongdannam	11-gil Yangsan-Si Gyeongsengnam-do Ko	Pag
PLANT LOCATIONS:	35, Sanmakoonodannam	11-cil Vanceon Si Gunnanaman de Ku	75.51
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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, Sanmakgongdannam 11-	gil Yangsan-SI,Gyeongsangnam-do Kore	ea
PLANT LOCATIONS:	35, Sanmakgongdannam 11-	gil Yangsan-Si,Gyeongsangnam-do Kore	a
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	ng and fusible plugs	primary over pressure protection on above categories	
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CRN expires Aug.17th, 2031 - D0	j	FITTINGS	☐ NUCLEAR COMPONENTS

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	BMT Co., Ltd.		
MANUFACTURERS ADDRESS:	35, Sanmakgongdannam 11-	gil Yangsan-Si,Gyeongsangnam-do Korea	
PLANT LOCATIONS:	35, Sanmakgongdannam 11-c	ill Yangsan-Si.Gveongsanggam-do Konea	
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NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
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PLANT LOCATIONS:	35, Sanmakgongdannam	11-gil Yangsan-Si Gyeonosanonam-do Kon	
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MANUFACTURERS NAME:	BMT Co., Ltd.		
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PLANT LOCATIONS:	35, Sanmakgongdannam 11-o	Il Yangsan-Si Gyannesanonam-do Koma	
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ECLARATION;			
Jong Chan, Yoon	(inv rote 3) employed by B	MT Co., Ltd.	- th
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NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND HORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	BMT Co., Ltd.		
MANUFACTURERS ADDRESS:	35, Sanmakgongdannam 11-	gil Yangsan-Si,Gyeongsangnam-do Kore	
PLANT LOCATIONS:	35, Sanmakgongdannam 11-g	il Yangsan-Si,Gyeongsangnam-do Kors	
Pipe fittings, including coupling Flanges: all flanges C Valves: all fine valves D Expansion joints, flaxible conn.	s, tees, elbows, Ys, plugs, unk		ASME 831.1 & ASME 831.3
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forms and one copy of supporting of 3. The declaration shall be made to		ity and COM OC	2169612N
responsibility for the quality of the 4. Quality control programs shall be		CKN	prember 03,2021
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not N.B. certified and not to be us		Signed	1.
CRN expires Aug. 17th, 2031 - DG			Chief Inspector
			Otto Instructor
		Territo	orial 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: September 21, 2021

Account #: 34986 **Journal #:** 78716

Attn: NATHALIE DUGO

Re: Application for Design Registration

The design, as detailed in your, BMT CO LTD 2021-03546, for a Fitting is accepted for registration as follows:

Registered To: BMT CO LTD CRN: 0C21696.21

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 17-Aug-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# 0C21696.2 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



Inspection and Technical Services
Municipal Relations
508-401York Ave
Winnipeg, Manitoba Canada R3C 0P8
T 204-945-3373 F 204-948-2089
www.fireccomm.gov.mb.ca/itsm_main

14 September 2021

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

Dear Nathalie Dugo

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: 74-R1775 CRN: 0C21696.24

Scope: Scope of Fitting Designs attached to Stat Declaration (AB-41)

Manufacturer: BMT Co Ltd Expiry Date: 17 August 2031

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 qasupport@gov.mb.ca for any questions or concerns.

Inspection and Technical Services Municipal Relations 508 - 401 York Avenue, Winnipeg Manitoba R3C 0P8 T (204) 945-3373 | F (204) 948-2089



Direction générale de l'inspection

Montréal, 21 septembre 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 GYEONGGI-DO KOREA 050568

Numéro de dossier : 948979

Numéro(s) de dessin(s): SEE AB-41 FORM, TABLE-1 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: 0C21696.26.

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

545, boul. Crémazie Est, 7ième étage Montréal (Québec) H2M 2V2 Téléphone: 514 873-6459 Sans frais: 1866 262-2084

www.rbq.gouv.qc.ca



Montréal, le 21 septembre 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 GYEONGGI-DO

KOREA 050568

OUR REFERENCE: 948979

Design number: SEE AB-41 FORM, TABLE-1 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): 0C21696.26.

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





	Primary		Port		Rated	Rated Pressure	ı	1	Reference
Item #	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)
SMPBV1- 4M	Ball Valve Body	ASTM A276 Gr.316	1/4" Cone & Threaded	OF.	20,000 psi @ 70F	20,000 psi @ 400F	N/A	ASME B31.1; ASME B31.3	210410-01-
SMPBV1- 6M	Ball Valve Body	ASTM A276 Gr.316	3/8" Cone & Threaded	OF	20,000 psi @ 70F	20,000 psi @ 400F	N/A	ASME B31.1; ASME B31.3	210410-01-
SMPBV1- 9M	Ball Valve Body	ASTM A276 Gr.316	9/16" Cone & Threaded	0F	20,000 psi @ 70F	20,000 psi @ 400F	N/A	ASME B31.1; ASME B31.3	210410-01-
SMPNV1- 4M	Needle Valve Body	ASTM A276 Gr.316	1/4" Cone & Threaded	0F	20,000 psi @ 70F	20,000 psi @ 400F	N/A	ASME B31.1; ASME B31.3	210412-01-
SMPNV2- 6M	Needle Valve Body	ASTM A276 Gr.316	3/8" Cone & Threaded	90F	20,000 psi @ 70F	20,000 psi @ 400F	N/A	ASME B31.1; ASME B31.3	210412-01-
SMPNV3- 9M	Needle Valve Body	ASTM A276 Gr.316	9/16" Cone & Threaded	90 F	20,000 psi @ 70F	20,000 psi @ 400F	N/A	ASME B31.1; ASME B31.3	210412-01- 127-03
SMPBCV1- 4M	Check Valve Body	ASTM A276 Gr.316	1/4" Cone & Threaded	PF	20,000 psi @ 70F	20,000 psi @ 400F	N/A	ASME B31.1; ASME B31.3	210413-01-
SMPOCV2- 6M	Check Valve Body	ASTM A276 Gr.316	3/8" Cone & Threaded	0F	20,000 psi @ 70F	20,000 psi @ 400F	N/A	ASME B31.1; ASME B31.3	210413-01- 127-02
SMPOCV3- 9M	Check Valve Body	ASTM A276 Gr.316	9/16" Cone & Threaded	0F	20,000 psi @ 70F	20,000 psi @ 400F	N/A	ASME B31.1; ASME B31.3	210413-01- 127-03
SMRVS- 9M	Relief Valve Body	ASTM A276 Gr.316	Inlet: (1/4", 3/8", or 9/16") Cone & Threaded; Outlet: ¾"	J 0	20,000 psi @ 70F	20,000 psi @ 400F	N/A	ASME B31.1; ASME B31.3	210414-01- 127-01







Table 2 Additional Scope Information

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

Example:

Series X Options

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





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

REGISTRATION OF A PRESSURE FITTING DESIGN

21-Sep-21

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

Attention: Nathalie Dugo File Number: 12214 [0 F]

Re: Manufacturer: BMT Co. Ltd.

Item: Ball, Needle, Check & Relief Valves

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:

OC21696.23 Expiry Date: August 17, 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.



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 18, 2022

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

Workorder Type: Registration - Fitting(Conventional)

Workorder No: 8038111

Your Reference No.: 2021-03456 - CRN#0C21696.2 -BALL, NEEDLE, CHECK & RELIEF VALVES

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: 0C21696.25

Main Design No.: See AB-41 Form Table 1 Scope of Fitting Design

Expiry Date: Aug 17, 2031

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

NOTE: "Design registration completed under interprovincial agreement with jurisdictional check only".

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,

Amir Hariri P.Eng. Engineer, BPV

Tel.: +1 416-734-3461 Email: ahariri@tssa.org