

June 01, 2023

Attention: Zac Rubeor
ENGINEERED CONTROLS INTERNATIONAL LLC
100 REGO DR
PO BOX 247
ELON, NC 27244

The design submission, Tracking Number 2023-02929, Web Portal Number 2023-S1699, originally received on May 05, 2023 was surveyed and accepted for registration as follows:

CRN : 0G23229.2	Accepted on: June 01, 2023
Reg Type: NEW DESIGN	Expiry Date: June 01, 2033
Drawing No. : See Scope Document: 2023-222s-1	
Fitting type: PRESSURE RELIEF VALVES	

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

- As indicated on AB-41 Statutory Declaration or AB-351 Declaration of Conformity form and submitted documentation, the code of construction is SECTION VIII, DIV. 1.
- 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 or AB-351 Declaration of Conformity 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 or AB-351 Declaration of Conformity 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, and maintains a valid Certification of Authorization Permit if required by the jurisdiction where manufacturing takes place, 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

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

I, Zac Rubeor, Design Engineer
(name of applicant) (position title) (must be in a position of authority)
of Engineered Controls International, LLC
(name of manufacturer)
located at 100 RegO Drive, Elon, North Carolina USA 27244
(plant address)

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.

REGO

do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (select only one)

- ☐ comply with the requirements of _____, which specifies the dimensions, (title of recognized North American Standard) materials of construction, pressure/temperature ratings and identification marking of the fittings, or
- ☒ are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with ASME-VIII-1, 2021 Edition as supported by the (title of code of construction or other applicable document) attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the identification marking of the fittings.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified as described in the below Table as being suitable for the manufacturing of these fittings to the stated standard, regulation, code, guideline or other applicable document. The fittings covered by the declaration for which I seek registration are as provided in the Supplementary Sheet(s) attached.

Quality Program Verification and Manufacturing Sites

A copy of the Quality Certificate from each manufacturing site must be included

Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address
1.	Category G - Pressure Relief Valves	ASME UV	Manufacture of pressure relief valves	Oct 31, 2023	ASME	100 RegO Drive, Elon, North Carolina USA 27244
2.						

In support of this application, the following information, calculations and/or test data are attached:

Scope document 2023-222s-1, Drawings, NB-18 PDF

[Signature]
(Signature of the Declarer)

May 4, 2023
(Date)

DECLARED before me at Burlington in the State of North Carolina
(city) (province, territory, or state)
this 4th day of May, 2023
(Month) (Year)

(print) Wendy Marie Withers
(a Commissioner of Oaths or Notary Public)

(sign) [Signature]
(a Commissioner of Oaths or Notary Public)

08/17/2024
(expiry date (mm/dd/yy))



Commissioner of Oaths / Notary Public in and for: State of North Carolina - Alamance County
(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 _____.

CRN: _____

Registered Date: _____

Expiry Date: June 01, 2033

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

2023-02929

ABSA

SAFETY CODES ACT - PROVINCE OF ALBERTA

ACCEPTED: 0G23229.2

See acceptance letter for conditions of registration.

Date: 6/1/2023

By: [Signature]

KASSA HABTEYES
DOP: D00009639

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 with the Electronic Transactions Act.

Scope Document: 2023-222s-1

This entails the scope of supporting documentation for this Category G submission for PRVs for CRN in Alberta and reciprocal CRN submission for all other jurisdictions in Canada.

Drawing List:

- See table on subsequent pages

Documents:

- National Board NB-18 (Retrieved May 3, 2023 at 3:30 PM EST)
 - PDF copy of the NB-18 retrieved from National Board's website on May 3, 2023 at approximately 3:30 PM.
- Email from National on Cessation of Test Reports
 - National Board no longer issues certified test reports to manufacturers for approved PRVs. They refer manufacturers and other stakeholders to the [searchable NB-18](#) on their website.

Quality Certificates:

- ASME UV Certificate
 - Expiration: October 31, 2023
- ISO 9001:2015 Certificate
 - Expiration: July 19, 2024

TOP-LEVEL ASSY DRAWING	COVERED VALVE NUMBERS	DESC	PART #	DRAWING # (IF ≠ PART #)	PART DESC	FORGING/CASTING/STOCK #	REGO MATERIAL SPEC	MATERIAL TYPE	MATERIAL #	MIN TEMP (°F)	MAX TEMP (°F)	SET PRESSURE (PSI)	NB REF #
3131 SER	ALL	PRESSURE RELIEF VALVE	3131-1	3131-1 SER	BODY	3131-1F	11550-160	ASTM B283	UNS C37700	-40	165	290	46033
			3131-1	3131-1 SER	BODY	701300	11550-417	ASTM B16	UNS C36000				
7534 SER	ALL	PRESSURE RELIEF VALVE	7534-1		BODY	7534-1F	11550-160	ASTM B283	UNS C37700	-40	165	250	46099
			7583GB	7583 SER B	VALVE BLANK ASSY								
7583 SER	ALL	PRESSURE RELIEF VALVE	7583-1	7583 SER B	BODY	711004	11550-417	ASTM B16	UNS C36000	-40	165	250	46101
			7583GCB	7583 SER B	VALVE BLANK ASSY								
			7583-1		BODY	711004	11550-417	ASTM B16	UNS C36000				
8543 SER	ALL	PRESSURE RELIEF VALVE	8543-1		BODY	711006	11550-417	ASTM B16	UNS C36000	-40	165	312	46156
			8544GB	8544 SER B	VALVE BLANK ASSY								
			8544-1B		BODY	711007	11550-417	ASTM B16	UNS C36000				
8544 SER	ALL	PRESSURE RELIEF VALVE	8544KB	8544 SER B	VALVE BLANK ASSY								
			8544-1B		BODY	711007	11550-417	ASTM B16	UNS C36000	-40	165	386	46167
			8544TB	8544 SER B	VALVE BLANK ASSY								
			8544-1B		BODY	711007	11550-417	ASTM B16	UNS C36000				
8544XE SER	ALL	PRESSURE RELIEF VALVE	8544-1B		BODY	711007	11550-417	ASTM B16	UNS C36000	-40	165	386	46167
8544 S SER	ALL	PRESSURE RELIEF VALVE	8544-1B		BODY	711007	11550-417	ASTM B16	UNS C36000	-40	165	386	46167
8546 SER	ALL	PRESSURE RELIEF VALVE	8546-1		BODY	701285	11550-417	ASTM B16	UNS C36000	-40	165	312	46347, 46336
8684 SER B	ALL	PRESSURE RELIEF VALVE	7584A-1		BODY	711005	11550-417	ASTM B16	UNS C36000	-40	165	250	46178
			3149-7A		UPPER BODY	711121	11550-705	ASME SA-210 GRADE A-1	UNS K02707				
A3149 SER	ALL	PRESSURE RELIEF VALVE	3149-7		UPPER BODY	702561	11550-720	ASTM A513 TYPE 5 GRADE 1020-1026	UNS G10200-G10260	-40	165	358	46077, 46291
			A3149-13		LOWER BODY ASSY								
			3149-10A		LOWER BODY	3149-10C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800				
			A8434-21		BODY ASSY								
			A8434-1TB		BODY ASSY TESTED								
A8434 SER	ALL	PRESSURE RELIEF VALVE	A8434-1B		BODY	A8434-1BSC	11550-CF8M	ASTM A351 CF8M	UNS J92900	-40	165	265	46112, 46123
			BA8434-21		BODY ASSY								
			BA8434-1TB		BODY ASSY TESTED								
			BA8434-1B		BODY	A8434-1BSC	11550-CF8M	ASTM A351 CF8M	UNS J92900				
			A8436-21		BODY ASSY								
			A8436-1TB		BODY ASSY TESTED								
A8436 SER	ALL	PRESSURE RELIEF VALVE	A8436-1B		BODY	A8436-1BSC	11550-CF8M	ASTM A351 CF8M	UNS J92900	-40	165	265	46134, 46145
			BA8436-21		BODY ASSY								
			BA8436-1TB		BODY ASSY TESTED								
			BA8436-1B		BODY	A8436-1BSC	11550-CF8M	ASTM A351 CF8M	UNS J92900				
AA3130A SER	ALL	PRESSURE RELIEF VALVE	AA3130-1		BODY	AA3130-1F	11550-660	ASTM B247	UNS A96061	-40	165	265	46000
AA3130UA SER	ALL	PRESSURE RELIEF VALVE	AA3130-1		BODY	AA3130-1F	11550-660	ASTM B247	UNS A96061	-40	165	265	46011, 46022
AA3135A SER	ALL	PRESSURE RELIEF VALVE	AA3135D-1		BODY	AA3135-1F	11550-660	ASTM B247	UNS A96061	-40	165	265	46055, 46066, 46028
			AA3135E-1		BODY	AA3135-1F	11550-660	ASTM B247	UNS A96061	-40	165	265	46028
AA3135M SER	ALL	PRESSURE RELIEF VALVE	AA3135D-1		BODY	AA3135-1F	11550-660	ASTM B247	UNS A96061	-40	165	265	46268
AA3135UA SER	ALL	PRESSURE RELIEF VALVE	AA3135D-1		BODY	AA3135-1F	11550-660	ASTM B247	UNS A96061	-40	165	265	46268

2023-02929

ABSA

SAFETY CODES ACT - PROVINCE OF ALBERTA

ACCEPTED: 0623229.2

See acceptance letter for conditions of registration.

Date: 6/1/2023

By: 

KASSA HABTEYES

DOP: D0000939

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 with the Electronic Transactions Act.



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

www.tssa.org

July 24, 2023

ENGINEERED CONTROLS INTERNATIONAL INC
100 REGO DR P O BOX 247
ELON COLLEGE NC 27244

Workorder Type: Registration - Fitting(Conventional)
Workorder No: 14035263
Your Reference No.: 2023-222
Registered to: ENGINEERED CONTROLS INTERNATIONAL INC

Dear ZAC RUBEOR,

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

CRN : 0G23229.25
Main Design No.: Scope of registration 2023-222s-1, NB-18 Certificates, Product drawings
Expiry Date: Jun 01, 2033

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,

Ruiming You P,ENG
Engineer, BPV
Tel. : +1 416-734-3428
Email : ryou@tssa.org



Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
www.tssa.org

Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below

REGO

STATUTORY DECLARATION Registration of Fittings

I, Zac Rubeor

Design Engineer

(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Engineered Controls International, LLC

(Name of Manufacturer)

Located at 100 RegO Drive, Elon, North Carolina USA 27244

(Plant Address)

(Telephone No.)

(Fax No.)

☐ do solemnly declare that the fittings listed hereunder, which are subject to the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, comply with all of the requirements of

(Title of recognized North American Standard)

which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;

☒ or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with ASME-VIII-1, 2021 Edition as supported by the attached data which identifies the dimensions, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ASME UV which has been verified by the following authority, ASME.

The items covered by this declaration, for which I seek registration, are category G type fittings. In support of this application, the following information and/or test data are attached as follows:

Scope document 2023-222s-1, Drawings, NB-18 PDF

(drawings, calculations, test reports, etc.)

Declared before me at Burlington in the State of North Carolina

the 4th day of May AD 2023

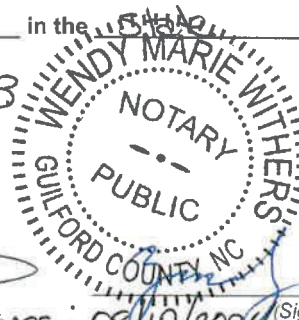
Commissioner for Oaths:

Wendy Marie Withers

(Printed name)

[Signature]

(Signature)



My Commission Expires: 08/12/2024

[Signature] (Signature of Declarer)

FOR OFFICE USE ONLY

To the best of my knowledge and belief, the application meets the requirements of the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category _____.

CRN: _____

Registered by: _____

Dated: _____

NOTE: This registration expires on: June 01, 2033

Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety Program

REGISTERED

C.R.N.: 0G23229.25

Signed: [Signature]

Date: July 24, 2023.


UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: Engineered Controls International, LLC	
MANUFACTURERS ADDRESS: 100 RegO Drive, Elon, North Carolina USA 27244	
PLANT LOCATIONS: 100 RegO Drive, Elon, North Carolina USA 27244	
<p>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</p> <p><input type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p><input type="radio"/> B Flanges: all flanges</p> <p><input type="radio"/> C Valves: all line valves</p> <p><input type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types</p> <p><input type="radio"/> E Strainers, filters, separators, and steam traps</p> <p><input type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p><input checked="" type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p><input type="radio"/> H Pressure retaining components that do not fall into one of the above categories</p> <p><input type="radio"/> N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)</p>	<p>TITLE OF THE STANDARD OF CONSTRUCTION</p> <p>ASME-VIII-1, 2021 Edition</p>
<p>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</p> <p align="center"></p>	<p>TYPE OF CONSTRUCTION</p> <p>FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/></p> <p>CAST <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>DESCRIBE OTHER:</p>
<p>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p> <p>Category G - Pressure Relief Valves</p> <p>Scope document 2023-222s-1. Drawings, NB-18 PDF</p>	

DECLARATION:

I Zac Rubsor (see note 3) employed by Engineered Controls International and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by ASME as being suitable for that purpose 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 made under oath.

Signature of Declarer: Zac Rubsor

Declared before me at Burlington, North Carolina

This 4th day of May AD 2023

Commissioner of Oaths

or Notary Public: (sign) [Signature]

USE THIS SPACE

OFFICE OF PUBLIC

GUILFORD COUNTY, NC

My Commission Expires 06/17/2024

<p align="center">This space for Regulatory Authority use</p> <p align="center">This registration must be revalidated after ten (10) years from the date of acceptance.</p>	
<p>CRN: <u>0G23229.2</u></p> <p>FID#: <u>1704</u></p> <p>Scope: Pressure relief valves. Model 3131 SER, 7534 SER, 7583 SER, 8543 SER, 8544 SER, XE, S SER, 8546 SER, 8684 SER B, A3149 SER, Notes: A8434 SER, A8436 SER, AA3130A SER, AA3130UA SER, AA3135A SER, AA3135M SER, AA3135UA SER.</p> <p>1. All fittings shall be registered in the name of the Manufacturer.</p> <p>2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.</p> <p>3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.</p> <p>4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.</p> <p>CRN expires June 1st, 2033 (Gallant)</p>	<p align="center">ACCEPTED</p> <p align="center">PROVINCE OF PRINCE EDWARD ISLAND COMMUNITIES, LAND & ENVIRONMENT</p> <p>C.R.N. <u>0G 23229.29</u></p> <p>DATE: <u>Jun 16/23</u></p> <p align="center"><u>[Signature]</u></p> <p align="center">INSPECTION SERVICES SECTION BOILER/PRESSURE VESSEL BRANCH</p> <p align="right">Fittings Rev. 1 06/2003</p>


UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: Engineered Controls International, LLC		
MANUFACTURERS ADDRESS: 100 RegO Drive, Elon, North Carolina USA 27244		
PLANT LOCATIONS: 100 RegO Drive, Elon, North Carolina USA 27244		
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY <input type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers <input type="radio"/> B Flanges: all flanges <input type="radio"/> C Valves: all line valves <input type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types <input type="radio"/> E Strainers, filters, separators, and steam traps <input type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters <input checked="" type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs <input type="radio"/> H Pressure retaining components that do not fall into one of the above categories <input type="radio"/> N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION ASME-VIII-1, 2021 Edition	
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT <div align="center">  </div>		TYPE OF CONSTRUCTION FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER:
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: Category G - Pressure Relief Valves Scope document 2023-222s-1, Drawings, NB-18 PDF		

DECLARATION:

I, Zac Ruben (see note 3) employed by Engineered Controls International and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by ASME as being suitable for that purpose 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 made under oath.

Signature of Declarer: Zac Ruben

Declared before me at Burlington, North Carolina

This 4th day of May AD 2023

Commissioner of Oaths

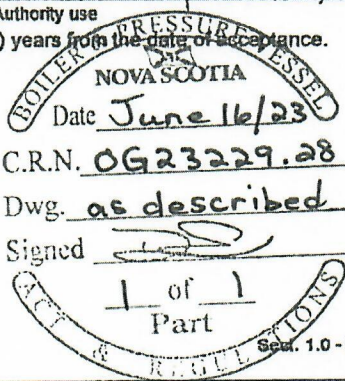
or Notary Public: (sign) [Signature]

USE THIS SPACE

OFFICE OF PUBLIC NOTARY

GUILFORD COUNTY, NC

My Commission Expires 10/17/2024

This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>0G23229.2</u> FID#: <u>1704</u> Scope: Pressure relief valves. Model 3131 SER, 7534 SER, 7583 SER, 8543 SER, 8544 SER, XE, S SER, 8546 SER, 8684 SER B, A3149 SER, Notes: A8434 SER, A8436 SER, AA3130A SER, AA3130U SER, AA3135A SER, AA3135M SER, AA3135UA SER. 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years. CRN expires June 1st, 2033 (DGallant)	<div align="center">  </div> Date <u>June 16/23</u> C.R.N. <u>0G23229.28</u> Dwg. <u>as described</u> Signed <u>[Signature]</u> <div align="center"> <u>1 of 1</u> Part </div> Sect. 1.0 - Fittings Rev. 1 06/2003


UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
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NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: Engineered Controls International, LLC	
MANUFACTURERS ADDRESS: 100 RegO Drive, Elon, North Carolina USA 27244	
PLANT LOCATIONS: 100 RegO Drive, Elon, North Carolina USA 27244	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY <input type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers <input type="radio"/> B Flanges: all flanges <input type="radio"/> C Valves: all line valves <input type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types <input type="radio"/> E Strainers, filters, separators, and steam traps <input type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters <input checked="" type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs <input type="radio"/> H Pressure retaining components that do not fall into one of the above categories <input type="radio"/> N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION ASME-VIII-1, 2021 Edition
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT 	TYPE OF CONSTRUCTION FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER:
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: Category G - Pressure Relief Valves Scope document 2023-222s-1, Drawings, NB-18 PDF	

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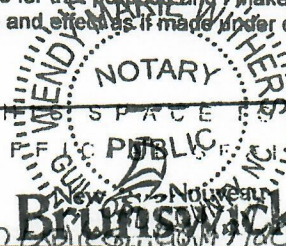
Signature of Declarer: Zac Ruben

Declared before me at Burlington, North Carolina

This 4th day of May

AD 180823

Commissioner of Oaths
or Notary Public: (sign) [Signature]



This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance. CRN: <u>OG23229.2</u> FID#: <u>1704</u> Scope: Pressure relief valves. Model 3131 SER, 7534 SER, 7583 SER, 8543 SER, 8544 SER, XE, S SER, 8546 SER, 8684 SER B, A3149 SER, A8434 SER, A8436 SER, AA3130A SER, AA3130UA SER, AA3135A SER, AA3135M SER, AA3135UA SER. Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years. CRN expires June 1st, 2033 (DGallant)	REGISTRATION ONLY CRN <u>OG23229.27</u> <u>[Signature]</u> CHIEF BOILER INSPECTOR DATE <u>6/16/23</u> Sect. 1.0 - Fittings Rev. 1 06/2003 <input type="checkbox"/> BLRs <input type="checkbox"/> PVs <input checked="" type="checkbox"/> FITTINGS <input type="checkbox"/> NUCLEAR COMPONENTS
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UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: Engineered Controls International, LLC	
MANUFACTURERS ADDRESS: 100 Rego Drive, Elon, North Carolina USA 27244	
PLANT LOCATIONS: 100 Rego Drive, Elon, North Carolina USA 27244	
<p>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</p> <p><input type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p><input type="radio"/> B Flanges: all flanges</p> <p><input type="radio"/> C Valves: all line valves</p> <p><input type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types</p> <p><input type="radio"/> E Strainers, filters, separators, and steam traps</p> <p><input type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p><input checked="" type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p><input type="radio"/> H Pressure retaining components that do not fall into one of the above categories</p> <p><input type="radio"/> N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)</p>	<p>TITLE OF THE STANDARD OF CONSTRUCTION</p> <p>ASME-VIII-1, 2021 Edition</p>
<p>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</p> <p></p>	<p>TYPE OF CONSTRUCTION</p> <p>FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/></p> <p>CAST <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>DESCRIBE OTHER:</p>
<p>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p> <p>Category G - Pressure Relief Valves</p> <p>Scope document 2023-222s-1, Drawings, NB-18 PDF</p>	

DECLARATION:

I, Zac Ruber (see note 3) employed by Engineered Controls International and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by ASME as being suitable for the purpose 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 made under oath.

Signature of Declarer: Zac Ruber

Declared before me at Burlington, North Carolina

This 4th day of May AD 2023

Commissioner of Oaths
or Notary Public: (sign) [Signature]

USE THIS SPACE

OFFICE OF PUBLIC SAFETY

GULFORD COUNTY, NC

My Commission Expires June 7, 2024

<p>This space for Regulatory Authority use</p> <p>This registration must be revalidated after ten (10) years from the date of acceptance.</p> <p>Newfoundland Labrador</p>	
<p>CRN: <u>0G23229.2</u></p> <p>FID#: <u>1704</u></p> <p>Scope: Pressure relief valves Model 3131 SER, 7534 SER, 7583 SER, 8543 SER, 8544 SER, XE, S SER, 8546 SER, 8684 SER B, A3149 SER, Notes: A8434 SER, A8436 SER, AA3130A SER, AA3130UA SER, AA3135A SER, AA3135M SER, AA3135UA SER</p> <p>1. All fittings shall be registered in the name of the Manufacturer.</p> <p>2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.</p> <p>3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.</p> <p>4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years, CRN expires June 1st, 2033 (DGallant)</p>	<p>Registered <u>0G23229.20</u></p> <p>Date <u>June 16, 2023</u></p> <p>Engineering and Inspection Services</p> <p>Registered by <u>[Signature]</u></p> <p>UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULATIONS</p> <p>1.0 - Fittings Rev. 1 06/2003</p>


UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: Engineered Controls International, LLC	
MANUFACTURERS ADDRESS: 100 RegO Drive, Elon, North Carolina USA 27244	
PLANT LOCATIONS: 100 RegO Drive, Elon, North Carolina USA 27244	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY <input type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers <input type="radio"/> B Flanges: all flanges <input type="radio"/> C Valves: all line valves <input type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types <input type="radio"/> E Strainers, filters, separators, and steam traps <input type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters <input checked="" type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs <input type="radio"/> H Pressure retaining components that do not fall into one of the above categories <input type="radio"/> N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION ASME-VIII-1, 2021 Edition
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT 	TYPE OF CONSTRUCTION FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER:
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: Category G - Pressure Relief Valves Scope document 2023-222s-1, Drawings, NB-18 PDF	

DECLARATION:

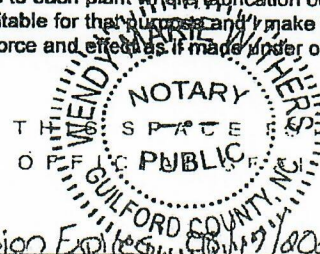
I Zac Ruben (see note 3) employed by Engineered Controls International and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by ASME as being suitable for that purpose 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 made under oath.

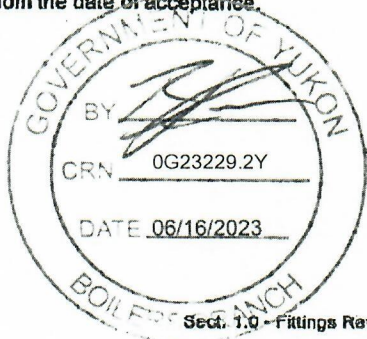
Signature of Declarer: Zac Ruben
 Declared before me at Burlington, North Carolina

This 4th day of May AD 2023

Commissioner of Oaths
or Notary Public: (sign)

[Signature]
 My Commission Expires 06/17/2024



This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>0G23229.2</u> FID#: <u>1704</u> Scope: Pressure relief valves. Model 3131 SER, 7534 SER, 7583 SER, 8543 SER, 8544 SER, XE, S SER, 8546 SER, 8684 SER B, A3149 SER, Notes: A8434 SER, A8436 SER, AA3130A SER, AA3130UA SER, AA3135A SER, AA3135M SER, AA3135UA SER. 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years. CRN expires June 1st, 2033 (DGallant)	 BY <u>[Signature]</u> CRN <u>0G23229.2Y</u> DATE <u>06/16/2023</u> Sect. 1.0 - Fittings Rev. 1 06/2003

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: Engineered Controls International, LLC

MANUFACTURERS ADDRESS: 100 RegO Drive, Elon, North Carolina USA 27244

PLANT LOCATIONS: 100 RegO Drive, Elon, North Carolina USA 27244

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
- ☐ F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters
- ☒ G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fuel gas 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)

TITLE OF THE STANDARD OF CONSTRUCTION

ASME-VIII-1, 2021 Edition

SHOW MANUFACTURER'S NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT

REGO™

TYPE OF CONSTRUCTION

FORGED ☐ WELDED ☐ WROUGHT ☐
CAST ☐ OTHER ☐
DESCRIBE OTHER:

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

Category G - Pressure Relief Valves

Scope document 2023-222a-1, Drawings, NB-18 PDF

DECLARATION:

I, Zac Rybeor (name visible to) employed by Engineered Controls International and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by ASME as being suitable for that purpose. I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: Zac Rybeor

Declared before me at Burlington, North Carolina

This 4th day of May AD 2023

Commissioner of Oaths
or Notary Public: (sign) [Signature]

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This space for Regulatory Authority use

This registration must be revalidated after ten (10) years from the date of acceptance.

CRN: 0G23229.2

FID#: 1704

Scope: Pressure relief valves. Model 3131 SER, 7534 SER, 7583 SER, 8543 SER, 8544 SER, XE, S SER, 8546 SER, 8884 SER B, A3149 SER, A8434 SER, A8436 SER, AA31300 SER, AA31300A SER, AA31350 SER, AA31350A SER, AA31350B SER, AA31350B A SER.

Notes: 1. All fittings shall be registered in the name of the manufacturer.

2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.

3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.

4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.

CRN expires June 1st, 2033 (DGallant)

Northwest
Territories

REGISTERED
UNDER THE AUTHORITY OF
THE BOILER AND PRESSURE
VESSEL ACT.

CRN 0G 23229.27

SIGNED

Sec. 1, C.S. Fittings Rev. 1 08/2003

DATE June 20 2023

163.00


UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

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MANUFACTURERS ADDRESS: 100 RegO Drive, Elon, North Carolina USA 27244	
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LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: Category G - Pressure Relief Valves Scope document 2023-222s-1 Drawings, NB-18 PDF	

DECLARATION:

I, Zac Ruber (see note 3) employed by Engineered Controls International and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by ASME as being suitable for that purpose 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 made under oath.

Signature of Declarer: Zac Ruber

Declared before me at Burlington, North Carolina

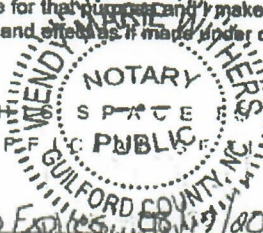
This 4th day of May AD 2023

Commissioner of Oaths
or Notary Public: (sign) [Signature]

USE THIS SPACE

OFF

PUBLIC



CRN: <u>0G23229.2</u> FID#: <u>1704</u> Scope: Pressure relief valves. Model 3131 SER, 7534 SER, 7583 SER, 8543 SER, 8544 SER, XE, S SER, 8546 SER, 8684 SER, B, A3149 SER, A8434 SER, A8436 SER, AA3130A SER, AA3130UA SER, AA3135A SER, AA3135M SER, AA3135UA SER. Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years. CRN expires June 1st, 2033 (DGallant)	This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance. REGISTERED CRN <u>0G23229.2N</u> Date <u>2023-06-16</u> Signed <u>[Signature]</u> Chief Inspector Territorial Registration Fee
--	---

10/01/2003

Office of the Fire Commissioner Inspections and Technical Services (ITS)



Exemption from Registration Requirements for Categories A, B, C and G Category Fittings

Date Issued: January 15, 2018
OFC ITSM 18 – 001

In an effort to better align Manitoba's requirements for pressure piping components and pressure relief valves with other provincial authorities, effective April 1, 2017, Category A, B, C and G fittings meeting the requirements in this bulletin no longer require registration with Inspections and Technical Services.

The exemption from the registration requirements identified in paragraph 4.2 of the CSA B51 code, and paragraphs, and paragraphs 22(1)(e) and (f) of the *Steam and Pressure Plants Regulation* apply to:

1. Piping components complying with the standards and specifications listed in ASME B31 Pressure Piping Codes, as identified in Category A, B and C below:

Category A

- Pipe fittings, including couplings, tees, elbows, wyes, plugs, unions, nipples, pipe caps, and reducers complying with a standard listed in Table 126.1 of ASME B31.1, Table 326.1 of ASME B31.3, Table 526.1 of ASME B31.5, or Table 926.1 of ASME B31.9

Category B

- Flanges complying with a standard listed in Table 126.1 of ASME B31.1, Table 326.1 of ASME B31.3, Table 526.1 of ASME B31.5, or Table 926.1 of ASME B31.9

Category C

- Valves complying with a standard listed in Table 126.1 of ASME B31.1, Table 326.1 of ASME B31.3, Table 526.1 of ASME B31.5, or Table 926.1 of ASME B31.9

2. Certified pressure relief devices complying with ASME Boiler and Pressure Vessel Codes, as identified in Category G below:

Category G

- Pressure-relief devices marked with an ASME or NB stamp

Non-standard or unlisted piping components that do not comply with the specifications and standards listed in the ASME B31 Pressure Piping codes, and pressure relief devices that do not comply with the requirements of the ASME Boiler and Pressure Vessel Code, will continue to be required to be registered in accordance with the requirements of the CSA B-51 standard, and the *Steam and Pressure Plants Regulation* by submitting the documentation specified in CSA B51 section 4.2.8(b) to the following address:

Attn: Inspection and Technical Services
Office of the Fire Commissioner
508-401 York Avenue
Winnipeg, MB R3C 0P8

Note: Category A, B, C and G fittings that fall under the exemption of this bulletin will not be considered for registration. Clients who submit applications that contain exempt fittings will be notified, and their applications will either be returned, or securely disposed of by ITS.

Reference Documents

- *The Steam and Pressure Plants Act and Regulation*
- *CSA B51 – Boiler, pressure vessel and pressure piping code*

Fitting Design

Design Submission Requirements

Any person who intends to manufacture a fitting for use in Saskatchewan in connection with any boiler, pressure vessel, or pressure piping system shall apply for registration of the fitting unless otherwise provided in the regulations (described below). A fitting means a valve, gauge, regulating or controlling device, flange, pipe fitting, nozzle, or thing that is attached to or forms part of a boiler, pressure vessel, or pressure piping system. The submissions for registration shall include:

- a completed "[Application for Fitting Design Registration \(http://www.tsask.ca/public/images/TSK-1014 - 2017 Fitting Design Registration - FINAL.pdf\)](http://www.tsask.ca/public/images/TSK-1014-2017-Fitting-Design-Registration-FINAL.pdf)" form for each design; and
- one "[Statutory Declaration Form \(http://www.tsask.ca/uploads/File/PDFs/2013%20Fee%20Increase%20Forms%20BPV/TSK1008%20Statutory%20Declaration-Oct29.pdf\)](http://www.tsask.ca/uploads/File/PDFs/2013%20Fee%20Increase%20Forms%20BPV/TSK1008%20Statutory%20Declaration-Oct29.pdf)" completed by the manufacturer for each design;
- the design details (drawings, brochures, catalogues, etc. as appropriate) 1 set;
- send additional set if you require a stamped copy returned to you (additional fee applicable)
- one set of calculations or reports in support of the design (where applicable);
- proof of registration in another Canadian jurisdiction (if applicable);

The design details, specifications, and other information submitted should show enough detail to demonstrate that the design will conform to the code or standard specified in the statutory declaration and that the manufacturer conforms to a quality control program as required by the CSA B51 code.

For applicable fees please refer to the fee schedule located in the left hand menu.

Submissions for registration can be made to Technical Safety Authority of Saskatchewan at the following address:

Technical Safety Authority of Saskatchewan
2202 2nd Ave.
REGINA SK S4R 1K3

Please Note - We are currently unable to accept Designs submitted by fax or other electronic means (email), however we are working hard to accomodate online application and payment in the future!

Notes

Design registration will be denoted by the Canadian Registration Number (CRN) assigned to the design. Any number of units may be made to one registered design, unless the code or regulations change to invalidate the registered design or unless the registration limits the number of units that may be built to the design. Registrations of fittings shall be resubmitted for validation ten years after the date of first acceptance.

Please Note - It is not necessary that the drawings be stamped by a registered Professional Engineer unless the code or design reviewer requires such stamping.

Exemptions from Registration Requirements of Fittings

A fitting is not required to be registered in Saskatchewan pursuant to The Boiler and Pressure Vessel Act if:

- It is registered by CSA (Contact: Janet Townsend)

CSA International
178 Rexdale Boulevard
Toronto, ON M9W 1R3
Ph: 416.747.4291
Fax: 416.401.6795
Email: janet.townsend@csagroup.org; or

- • It is a category A, B, C, or G fitting, as set out in the CSA B51 code

For more information contact:

Boiler & Pressure Vessel Safety

Ph: 306.798.7111

Toll-free: 1.866.530.8599

Fax: 306.787.9273



DIRECTIVE

EXEMPTION FROM REGISTRATION REQUIREMENTS FOR CATEGORY A, B, C, AND G CATEGORY FITTINGS

This Directive is being issued by a provincial safety manager pursuant to section 30 of the Safety Standards Act.

Date of Issue: July 12, 2013

Directive No: D-BP-2013-03

General Details

This directive supersedes Directive D-B6 070402 3 issued on April 3, 2007 and is being issued to clarify the requirements for exemption of Category A, B, C, and G fittings from registration.

Specific Details

Subsection 84(2) of the Power Engineers, Boiler, Pressure Vessel and Refrigeration Safety Regulation (the Regulation) requires that fittings be registered with a provincial safety manager of the BC Safety Authority. Subsection 84(8) of the Regulation allows the Safety Manager to exempt fittings from registration.

The exemption of fittings from registration shall apply only to piping components complying with the standards and specifications listed in the ASME B31 Pressure Piping Codes and to certified pressure relief devices complying with the requirements of the ASME Boiler and Pressure Vessel Codes.

The registration exemption shall apply to specific fittings in categories A, B, C, and G:

Category A

- Pipe fittings, including couplings, tees, elbows, wyes, plugs, unions, nipples, pipe caps, and reducers complying with a standard listed in Table 126.1 of ASME B31.1, Table 326.1 of ASME B31.3, Table 526.1 of ASME B31.5, or Table 926.1 of ASME B31.9

Category B

- Flanges complying with a standard listed in Table 126.1 of ASME B31.1, Table 326.1 of ASME B31.3, Table 526.1 of ASME B31.5, or Table 926.1 of ASME B31.9

Category C

- Valves complying with a standard listed in Table 126.1 of ASME B31.1, Table 326.1 of ASME B31.3, Table 526.1 of ASME B31.5, or Table 926.1 of ASME B31.9

Category G

- Pressure-relief devices marked with an ASME or NB stamp

Pursuant to the power granted to the provincial Safety Manager under subsection 84(8) of the

DIRECTIVE

Regulation, it is hereby directed that only category A, B, C, and G fittings, as described above, are exempt from the registration requirements of Subsection 84(2) of the Regulation. This directive is effective immediately.

Nonstandard or unlisted piping components not complying with the specifications and standards listed the ASME B31 Code for Pressure Piping or pressure relief devices not in compliance with the requirements of the ASME Boiler and Pressure Vessel Code, shall be registered in accordance with Section 84(2) by submitting the documentation specified in CSA B51 section 4.2.6(b).

A handwritten signature in blue ink, reading "Ed Hurd".

Ed Hurd P.Eng.
Provincial Safety Manager, Boilers

For more information on the British Columbia Safety Authority, please visit our web site at: www.safetyauthority.ca

References: Relevant Legislation

Power Engineers, Boiler, Pressure Vessel & Refrigeration Safety Regulation

84 (1) For this section, "pressure retaining equipment" means a boiler or pressure vessel, or pressure piping system.

(2) The design of all boilers, pressure vessels, fittings and pressure piping, to which this regulation applies, must be registered with a provincial safety manager.

(3) Subsection (2) does not apply to pressure piping that is
(a) NPS 3 or less, or
(b) in a fluid plant.

(4) To register a design, the owner, licensed contractor, consulting engineer, manufacturer or designer of the pressure retaining equipment must submit, for review by a provincial safety manager, an application containing all drawings, design specifications, calculations and codes of conformance as required by a provincial safety manager.

(5) Registration of pressure retaining equipment must be obtained before construction is commenced.

(6) If, in the opinion of a provincial safety manager, a design registered under subsection (2) is subsequently found to be defective in any detail, the design must be revised by the person



DIRECTIVE

who submitted the design and those revisions must be approved by the provincial safety manager.

(7) The registration of a pressure retaining equipment design does not relieve the equipment manufacturer of liability for the design and construction of the pressure retaining equipment.

(8) A provincial safety manager may exempt fitting designs from registration under subsection (2).

8. Despite the provisions regarding the registration of designs provided for in the Manufacturing Code, the designs and specifications for piping and accessories of category A, B and C, manufactured in accordance with a standard recognized at the national level by the American Society of Mechanical Engineers (ASME), are not required to be registered with the Board.

The designs and specifications must, however, be kept for purposes of verification by the Board.