

October 27, 2023

Attention: Nicole Kilgore
PRESSURE VESSEL ENGINEERING INC
PO BOX 112
1440 KING STREET NORTH UNIT# 1
ST JACOBS, ON N0B 2N0

The design submission, Tracking Number 2023-05141, Web Portal Number 2023-S3299, originally received on August 23, 2023 was surveyed and accepted for registration as follows:

CRN :	0G23580.2	Accepted on:	October 27, 2023
Reg Type:	NEW DESIGN	Expiry Date:	October 27, 2023
Drawing No. :	NB-18 Certificate		
Fitting type:	Pressure relief valves models 3131 & 3135		
Design registered in the name of : ENGINEERED CONTROLS INTERNATIONAL LLC			

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

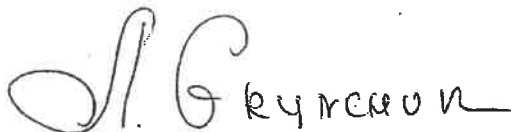
As indicated on AB-41 Statutory Declaration or AB-351 Declaration of Conformity form and submitted documentation, the code of construction is SECTION VIII, DIV. 1.

- 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 3330 or fax (780) 437-7787 or e-mail Grynchuk@absa.ca.

Sincerely,



GRYNCHUK, MILLA, P. Eng.
DOP Cert. No. D00005217

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, NC 27244, United States of America
(plant address)

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



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

- ☒ comply with the requirements of ASME Sec VIII-1 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 _____ 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.	Pressure Relief Valves	ASME UV STAMP	Manufacture of pressure vessel pressure relief valves at the above location only (This authorization does not cover welding, brazing or fusing)	10/31/2026	ASME	100 RegO Drive, Elon, NC 27244, United States of America
2.	See Scope Document 20069s-1	NB STAMP	UV	10/31/2026	NB	100 RegO Drive, Elon, NC 27244, United States of America

Tracking #: _____

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

Scope document: 20069s-1

Zina J. Phil Aug 17, 2023
(Signature of the Declarer) (Date)

DECLARED before me at Burlington in the State of North Carolina
(city) (province, territory, or state)

this 17th day of August, 2023
(Month) (Year)

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

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

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



Commissioner of Oaths / Notary Public in and for: North Carolina
(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: _____

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

2023-05141

ABSA

SAFETY CODES ACT - PROVINCE OF ALBERTA

ACCEPTED: 0G23580.2

See acceptance letter for conditions of registration.

Date: 2023-10-27

By: M. Grynychuk
MILLA GRYNCHUK, P. Eng.
DOP: D00005217

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.

Tracking #: _____



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

www.tssa.org

April 4, 2024

PRESSURE VESSEL ENGINEERING LTD.
PO BOX 112
ST. JACOBS ON N0B 2N0

Workorder Type: Registration - Fitting(Conventional)
Workorder No: 14185319
Your Reference No.: PVE-20069
Registered to: ENGINEERED CONTROLS INTERNATIONAL LLC

Dear MARY McCLELLAND,

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

CRN : 0G23580.25
Main Design No.: 20069s-1
Expiry Date: Oct 27, 2033

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

The stamped copy of the approved registration and the invoice are mailed separately (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,

Ayesha Chowdhury P.Eng, MASc, PMP
Engineer, BPV
Tel. : +1 437-317-7183
Email : achowdhury@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



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, NC 27244, United States of America

(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

ASME / NB

(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 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 STAMP 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: 20069s-1

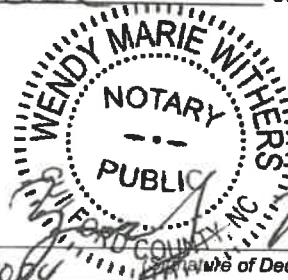
(drawings, calculations, test reports, etc.)

Declared before me at County of Alamance in the State of North Carolina
the 17th day of August AD 2023

Commissioner for Oaths:

Wendy Marie Withers
(Printed name)

Wendy Marie Withers
(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 G.

CRN:

Registered by:

Dated:



This Document has been digitally signed and approved.
The stamp size has been optimized for 11 x 17 documents.

NOTE: This registration expires on: **OCTOBER 27, 2033**

Technical
Standards
and Safety
Authority

Boilers and
Pressure Vessels
Safety Program

REGISTERED

C.R.N.: 0G23580.25

Signed: Almy

Date: April 4, 2024.



Scope Document: PVE-20069s-1 R0

PRV CAT G Fittings

Notes:

This is a NEW CRN application. All PRV's are NB certified.



General Conditions:

PRV Certification:	ASME / NB
NB Listing:	See 20069s-1 R0 PRV List
MAWP:	250 psi – See 20069s-1 R0 PRV List
Max Temp:	165 °F – See 20069s-1 R0 PRV List
Corrosion:	0 in
Test Pressure:	N/A
MDMT:	-40 °F – See 20069s-1 R0 PRV List
Impact testing:	N/A
Radiography:	N/A

Materials:

All Materials and Models shown on 20069s-1 R0 PRV List.

NB Report and Certificate No.:

Refer "NB-18 Report"

Special Note:

- NB-18 report states certified value for Top level assembly drawing M3131G as 6.161 SCFM/PSIA, while drawing states certified value as 1939 SCFM.
- Refer to "M3131G ASME Rated Flow" from the drawing folder M3131G for detail explanation.

QC Certificate:

Engineered Controls International, LLC
100 RegO Drive, Elon NC, USA 27244
ASME U Stamp
Expiring 10/31/2026

Engineered Controls International, LLC
100 RegO Drive, Elon NC, USA 27244
NB Stamp
Expiring 10/31/2026

20069s-1 RO PRV LIST

TOP-LEVEL ASSY DRAWING	DESC	PART #	PART DESC	COMMENT	FORGING/ CASTING/ STOCK #	DRAWING # (IF ≠ PART #)	REGO MATERIAL SPEC	MATERIAL TYPE	MATERIAL #	MIN TEMP (°F)	MAX TEMP (°F)	MAX DESIGN PRESSURE (psi)	NB LISTING #	BASE PART ?	Sub missi on #
3135 SER	PRV	3135-1	BODY	ASME PRV BUT NOT REGISTERED FOR CRN - USED IN CAT H #2 SUBMISSION	701308		11550-417	ASTM B16	UNS C36000	-40	165	250	46358	Y	5
3135 SER	PRV	3135-1	BODY	ASME PRV BUT NOT REGISTERED FOR CRN - USED IN CAT H #2 SUBMISSION			11550-160	ASTM B283	UNS C37700	-40	165	250	46358	Y	5
3131 SER	PRV	3131-1	BODY	ASME PRV BUT NOT REGISTERED FOR CRN - USED IN CAT H #2 SUBMISSION	701300	3131-1 SER	11550-417	ASTM B16	UNS C36000	-40	165	250	46033	Y	5
3131 SER	PRV	3131-1	BODY	ASME PRV BUT NOT REGISTERED FOR CRN - USED IN CAT H #2 SUBMISSION	3131-1F	3131-1 SER	11550-160	ASTM B283	UNS C37700	-40	165	250	46033	Y	5

THIS IS PART OF CRN
OG23580.25
Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety
Program

Montréal, le 9 janvier 2024.

NICOLE KILGORE
PRESSURE VESSEL ENGINEERING LTD.
1-1440 KING STREET NORTH, PO BOX
ST. JACOB'S ONTARIO
CANADA N0B 2N0

Manufacturer : ENGINEERED CONTROLS INTERNATIONAL INC.
100 REGO DRIVE
ELON NORTH CAROLINA
U.S.A. 27244

OUR REFERENCE : 944774

Design number : Refer to Scope 20069s-1 Rev 0.

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): **0G23580.26**.

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 boiler or pressure vessel 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

255, boul. Crémazie Est, 2ième étage
Montréal (Québec) H2M 1L5
Téléphone : 514 873-2546
Sans frais : 1 866 262-2084
enregistrementdesplans@rbq.gouv.qc.ca
www.rbq.gouv.qc.ca



Scope Document: PVE-20069s-1 R0

PRV CAT G Fittings

Notes:

This is a NEW CRN application. All PRV's are NB certified.

General Conditions:

PRV Certification:	ASME / NB
NB Listing:	See 20069s-1 R0 PRV List
MAWP:	250 psi – See 20069s-1 R0 PRV List
Max Temp:	165 °F – See 20069s-1 R0 PRV List
Corrosion:	0 in
Test Pressure:	N/A
MDMT:	-40 °F – See 20069s-1 R0 PRV List
Impact testing:	N/A
Radiography:	N/A



Materials:

All Materials and Models shown on 20069s-1 R0 PRV List.

NB Report and Certificate No.:

Refer “NB-18 Report”

Special Note:

- NB-18 report states certified value for Top level assembly drawing M3131G as 6.161 SCFM/PSIA, while drawing states certified value as 1939 SCFM.
- Refer to “M3131G ASME Rated Flow” from the drawing folder M3131G for detail explanation.

QC Certificate:

Engineered Controls International, LLC
100 RegO Drive, Elon NC, USA 27244
ASME U Stamp
Expiring 10/31/2026

Engineered Controls International, LLC
100 RegO Drive, Elon NC, USA 27244
NB Stamp
Expiring 10/31/2026

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.

N°	Description	Additional information (detail, calculations or approval sheets)
1	Refer 20069s-1	Pressure Relief Valves
2		
3		
4		
5		

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, Zac Rubeor Design Engineer
(Name of the person in charge) (Title of the person in charge)
 from Engineered Controls International, LLC, located at 100 RegO Drive, Elon, NC 27244, United States of America
(Company's name) (Plant's address)

hereby declare that the above-mentioned fittings and subject to the Regulation respecting pressure installations:

☒ comply with the requirements of the ANSI/ASME codes as to their dimensions, identification, material and purpose or

☐ are not covered by the ANSI/ASME codes, but are in compliance with _____
(Name of code or standard)


code or standard and are designed according to the best current engineering practice, as proven by the enclosed approval report.

2.2 Manufacturing quality control


I further declare that the manufacture of these fittings is controlled by a quality control program that complies with the requirements of the following code: ASME UV STAMP, and has been verified by ASME
(Name of code) (Authorized agency)

Signature of the person in charge: Zac Rubeor Date (yyyy-mm-dd): 2023-08-17

3. Declaration of commissioner for oaths

I certify that this declaration has been administered before me, at <u>Burlington</u> , on <u>2023-08-17</u> <small>(Location)</small> <small>(Date (yyyy-mm-dd))</small>	
Signature of commissioner for oaths: <u>[Signature]</u>	Date (yyyy-mm-dd): <u>2023-08-17</u>
Stamp the seal: <u>My Commission Expires: 08/17/2024</u>	
	

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

As far as I know, this application complies with the requirements of the Act and with standard CSA B51, Part 1, section 4.2, and is accepted for registration in the class _____	
This registration expires in ten (10) years after the date of registration indicated above, and it must be validated again after this period.	
Canadian registration number (CRN): 	Registration date (yyyy-mm-dd):

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 mandatory in order to submit an application registration of fittings.

Application registration for fittings must only be sent by mail to this address:

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

Régie du bâtiment du Québec

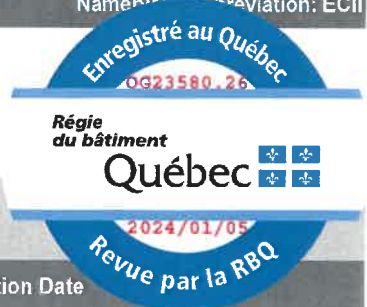
545, boulevard Crémazie Est, 7^e étage

Montréal (Québec) H2M 2V2

Engineered Controls International, LLC (REG)

Name: ... Abbreviation: ECII

Elon, NC 27244 United States

**This Company Manufactures or Assembles:**

Design Name: 3131 (20% OP)

NBCert # 46033

Manufacturer/Assembler	Designators	Expiration Date
Manufacturer	UV	04/28/2026

Design Type

[Safety Relief Valve] 3131 (20% OP)
 Capacity Tests: Sec. UV at National Board Testing Lab (Picaway) on February 27, 1981
 Method of Establishing Relieving Capacity: Flow Capacity, Slope
 Certified Value: 6.161 SCFM/PSIA; Certification Provisions: Cert. @ 20% OP
 Media - Test: Air/Gas; Certified: Gas
 Set Pressure Definition: Start-to-Leak
 Blowdown Characteristics: Fixed
 Designed by: Engineered Controls International, LLC (REG)

Inlet Size	Outlet Size	Flow Area	Orifice [designator] dia.	Lift	Set Pressure Range	Media	Designator
0.75 NPS	Top NPS	0.423 in ²	0.734 in		225-290 psi	Air	UV

Design Name: 3135 (20% OP)

NBCert # 46358

Manufacturer/Assembler	Designators	Expiration Date
Manufacturer	UV	01/06/2029

Design Type

[Safety Relief Valve] 3135 (20% OP)
 Capacity Tests: Sec. UV at Engineered Controls International, LLC on October 22, 2010
 Method of Establishing Relieving Capacity: Flow Capacity, 3 valve average
 Certified Value: 5343.0 SCFM; Certification Provisions: Cert. @ 20% OP
 Media - Test: Air/Gas; Certified: Gas
 Set Pressure Definition: Start-to-Leak
 Blowdown Characteristics: Fixed
 Designed by: Engineered Controls International, LLC (REG)

Inlet Size	Outlet Size	Flow Area	Orifice [designator] dia.	Lift	Set Pressure Range	Media	Designator
1.25 NPS	Top NPS	1.055 in ²	1.159 in		250 psi	Air	UV

Design Name: 6555 Series

NBCert # 46314

Manufacturer/Assembler	Designators	Expiration Date
Manufacturer	UV	07/25/2028


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, NC 27244, United States of America	
PLANT LOCATIONS: 100 Rego Drive, Elon, NC 27244, United States of America	
<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 / NB</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"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER: Machining</p>	
<p>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p> <p>Pressure Relief Valves</p> <p>Scope document: 20069s-1</p>	

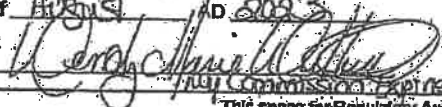
DECLARATION:

I, Zac Rubeor (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: 

Declared before me at City of Richmond, State of North Carolina

This 19th day of August, AD 2003

Commissioner of Oaths
or Notary Public (sign): 



<p align="center">This registration must be revalidated after ten (10) years from the date of acceptance.</p> <p align="center">ACCEPTED</p>	
<p>CRN: <u>0G23580.2</u></p> <p>FID#: <u>1704</u></p>	<p align="center">PROVINCE OF PRINCE EDWARD ISLAND COMMUNITIES, LAND & ENVIRONMENT</p> <p>C.R.N. <u>0G23580.27</u></p> <p>DATE: <u>Dr 8/23</u></p> <p align="center"> INSPECTION SERVICES SECTION BOILER/PRESSURE VESSEL BRANCH</p>
<p>Notes:</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>	


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, NC 27244, United States of America	
PLANT LOCATIONS: 100 Rego Drive, Elon, NC 27244, United States of America	
<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 / NB</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>Machining</p>	
<p>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p> <p>Pressure Relief Valves</p> <p>Scope document: 20069s-1</p>	

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.

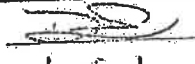
Signature of Declarer: 

Declared before me at Guilford County, State of North Carolina

This 19th day of August, 2003

Commissioner of Oaths
or Notary Public: (sign) 

NOTARY PUBLIC
GUILFORD COUNTY, NC

<p>Notes:</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: <u>0G23580.2</u></p> <p>FID#: <u>1704</u></p>	<p align="center">NOVA SCOTIA</p> <p>Date: <u>Dec. 8/23</u></p> <p>CRN: <u>0G23580.28</u></p> <p>Dwg. <u>as described</u></p> <p>Signed: </p> <p align="center">1 of 1 Part</p>

Form 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, NC 27244, United States of America	
PLANT LOCATIONS: 100 RegO Drive, Elon, NC 27244, United States of America	
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 / NB
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: Machining
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: Pressure Relief Valves Scope document: 20069s-1	

DECLARATION:

I Zac Rubeor (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: 

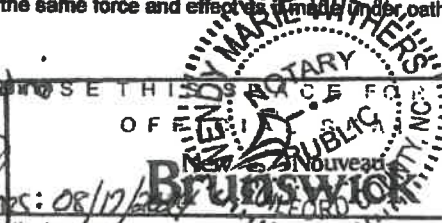
Declared before me at County of Plamena, State of North Carolina

This 17th day of August AD 2023

Commissioner of Oaths
or Notary Public: (sign) 

My Commission Expires: 08/12/2024

CRN: <u>0G23580.2</u> FID#: <u>1704</u> 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.	<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 registration</p> <p align="center">DEPT OF JUSTICE PUBLIC SAFETY BOILER & PRESSURE VESSEL ACT</p> <p align="center">REGISTRATION ONLY</p> <p align="center">CRN <u>0G23580.27</u></p> <p align="center"> CHIEF BOILER INSPECTOR</p> <p align="center">DATE <u>12/8/23</u></p> <p align="center">Sect. 1.0 - Fittings Rev. 1 06/2003</p> <p> <input type="checkbox"/> BLRs <input type="checkbox"/> PVs <input checked="" type="checkbox"/> FITTINGS <input type="checkbox"/> NUCLEAR COMPONENTS </p>
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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, NC 27244, United States of America		
PLANT LOCATIONS: 100 Rego Drive, Elon, NC 27244, United States of America		
<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 CNRC or ASME requirements)</p>	<p>TITLE OF THE STANDARD OF CONSTRUCTION</p> <p>ASME / NB</p>	
<p>SHOW MANUFACTURER'S NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</p> <div align="center">  </div>		<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: Machining</p>
<p>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p> <p>Pressure Relief Valves</p> <p>Scope document: 20089s-1</p>		

DECLARATION:

I, Zac Rubear (see note 2) 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 Rubear

Declared before me at County of Alamogordo, State of North Carolina on this 17th day of August, 2023

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: 0G23580.2

FID#: 1704

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.

Registered 0G23580.20

Date Dec 11, 2023

Engineering and Inspection Services

Registered by [Signature]

UNDER THE AUTHORITY OF THE

PUBLIC SAFETY ACT AND

THE BOILER, PRESSURE VESSEL AND

COMPRESSED GAS REGULATIONS

Ed. 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, NC 27244, United States of America	
PLANT LOCATIONS: 100 Rego Drive, Elon, NC 27244, United States of America	
<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 / NB</p>
<p>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</p> <p align="center">REGO </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>Machining</p>
<p>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p> <p>Pressure Relief Valves</p> <p>Scope document: 20069s-1</p>	

DECLARATION:

I, Zac Rubear (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: 

Declared before me at Colony of Mamana, State of North Carolina on 13th day of August 2023

This 13th day of August 2023

Commissioner of Oaths
or Notary Public: (sign) 

My Commission Expires: 08/12/2024

This space for Regulatory Authority use

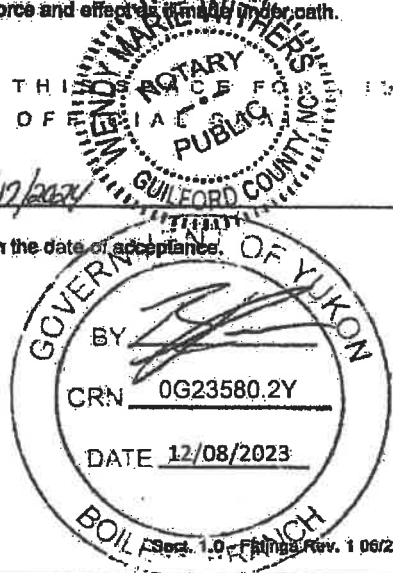
This registration must be revalidated after ten (10) years from the date of acceptance.

CRN: 0G23580.2

FID#: 1704

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.




UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NEWFOUNDLAND

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: Engineered Controls International LLC	
MANUFACTURERS ADDRESS: 100 Rego Drive, Elon, NC 27244, United States of America	
PLANT LOCATIONS: 100 Rego Drive, Elon, NC 27244, United States of America	
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 / NB
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: Machining
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:	
Pressure Relief Valves Scope document: 20089s-1	

DECLARATION:

I, Zac Rubear (hereafter "I") 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 Rubear

Declared before me at County of Alamance, State of North Carolina on the 17th day of August, 2008.

This 17th day of August, 2008.

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

This space for Regulatory Authority use

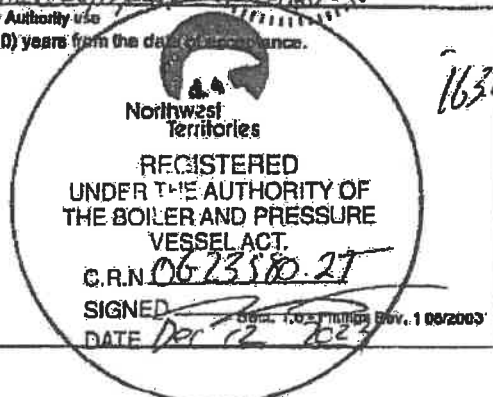
This registration must be revalidated after ten (10) years from the date of issuance.

CRN: 0G23580.2

FILE: 1704

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.




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, NC 27244, United States of America	
PLANT LOCATIONS: 100 Rego Drive, Elon, NC 27244, United States of America	
<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 flexible 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"/> I 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 / NB</p>
<p>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</p> <p align="center">REGO </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>Machining</p>
<p>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p> <p>Pressure Relief Valves</p> <p>Scope document: 20069s-1</p>	

DECLARATION:

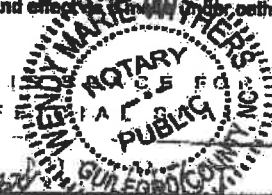
I, Zac Ruben (full name) employed by Engineered Controls International and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which 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 Carleton Place, Ontario, Canada on 17th day of August, 2023

This 17th day of August, 2023

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



<p>This registration must be revalidated after ten (10) years from the date of acceptance.</p> <p>CRN: <u>0G23580.2</u></p> <p>FID#: <u>1704</u></p> <p>Notes:</p> <ol style="list-style-type: none"> 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. 	<p align="center">REGISTERED</p> <p>CRN: <u>DG23580.2N</u></p> <p>Date: <u>2023-12-08</u></p> <p>Signed: <u>[Signature]</u></p> <p align="center"><u>Commissioner</u></p> <p align="right">Section 1.0 - Fittings Revised 09/2003</p> <p align="center">Territorial Registration Fee</p>
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