



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

www.tssa.org

January 12, 2017

CHAD THOMAS
ENGINEERED CONTROLS INTERNATIONAL LLC
100 REGO DR
ELON NC 27244
US

Service Request Type: BPV-Fitting Registration

Service Request No.: 2000532

Your Reference No.:

Registered to: ENGINEERED CONTROLS INTERNATIONAL LLC

Dear CHAD THOMAS,

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

CRN No.: 0H19081.5

Main Design No.: Dwg. No. MVE5D SER Rev. A, Vent Assembly.
Expiry Date: 12-Jan-2027

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

The stamped copy of the approved registration and the invoice are mailed separately. Should you have any questions or require further assistance, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Mark Valcic P. Eng.
Engineer BPV
Tel.: 416-734-3494
Fax: 416-231-1626
Email: mvalcic@tssa.org



Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Fax: 416.231.6183
Customer Service: 1.877.682.8772
www.tssa.org



**National Design Registration
Application for a CRN**
Technical Standards and Safety Act
Boilers and Pressure Vessels Regulation

Date of Application (mm/dd/yyyy): 12/16/2016
☐ Expedited Service (please attached request form)

INTAKE GROUP
Date: _____
SR #: 2000532-ONT
Agent: 2000536-NAT

Please indicate the type of design: ☐ Boiler ☐ Pressure Vessel ☒ Fitting

Existing CRN: _____ (if applicable)

Section A: Submitter Company Name: ENGINEERED CONTROLS INTERNATIONAL, LLC. Address: 100 REGO DRIVE City/Town: ELON Province/State: NC Postal/Zip Code: 27244 Country: USA Telephone: 336-449-7707 Fax: _____ Contact Name: CHAD THOMAS E-mail: cthomas@regoproducts.com Job No./Reference: _____ Drawing/Catalog No.: MVEDSD Acct/Cust No.: A-400283C-913915	Section B: Invoicee Same as: <input checked="" type="checkbox"/> A <input type="checkbox"/> C <input type="checkbox"/> D Company Name: _____ Address: _____ City/Town: _____ Province/State: _____ Postal/Zip Code: _____ Country: _____ Telephone: _____ Fax: _____ Contact Name: _____ E-mail: _____ Purchase Order No.: _____ Acct/Cust No.: _____																
Section C: Owner of Design/CRN Same as: <input checked="" type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> D Company Name: _____ Address: _____ City/Town: _____ Province/State: _____ Postal/Zip Code: _____ Country: _____ Telephone: _____ Fax: _____ Contact Name: _____ E-mail: _____ Acct/Cust No.: _____	Section D: Manufacturer Same as: <input checked="" type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C (If more than one please attach list) Company Name: _____ Address: _____ City/Town: _____ Province/State: _____ Postal/Zip Code: _____ Country: _____ Telephone: _____ Fax: _____ Contact Name: _____ E-mail: _____ Acct/Cust No.: _____																
Registration required in the following jurisdictions: <table border="0"><tr><td><input checked="" type="checkbox"/> Ontario</td><td><input checked="" type="checkbox"/> Saskatchewan</td><td><input checked="" type="checkbox"/> New Brunswick</td><td><input checked="" type="checkbox"/> Newfoundland and Labrador</td></tr><tr><td><input checked="" type="checkbox"/> British Columbia</td><td><input checked="" type="checkbox"/> Manitoba</td><td><input checked="" type="checkbox"/> Nova Scotia</td><td><input checked="" type="checkbox"/> Yukon</td></tr><tr><td><input checked="" type="checkbox"/> Alberta</td><td><input checked="" type="checkbox"/> Quebec</td><td><input checked="" type="checkbox"/> Prince Edward Island</td><td><input checked="" type="checkbox"/> Northwest Territories</td></tr><tr><td></td><td></td><td></td><td><input checked="" type="checkbox"/> Nunavut</td></tr></table>		<input checked="" type="checkbox"/> Ontario	<input checked="" type="checkbox"/> Saskatchewan	<input checked="" type="checkbox"/> New Brunswick	<input checked="" type="checkbox"/> Newfoundland and Labrador	<input checked="" type="checkbox"/> British Columbia	<input checked="" type="checkbox"/> Manitoba	<input checked="" type="checkbox"/> Nova Scotia	<input checked="" type="checkbox"/> Yukon	<input checked="" type="checkbox"/> Alberta	<input checked="" type="checkbox"/> Quebec	<input checked="" type="checkbox"/> Prince Edward Island	<input checked="" type="checkbox"/> Northwest Territories				<input checked="" type="checkbox"/> Nunavut
<input checked="" type="checkbox"/> Ontario	<input checked="" type="checkbox"/> Saskatchewan	<input checked="" type="checkbox"/> New Brunswick	<input checked="" type="checkbox"/> Newfoundland and Labrador														
<input checked="" type="checkbox"/> British Columbia	<input checked="" type="checkbox"/> Manitoba	<input checked="" type="checkbox"/> Nova Scotia	<input checked="" type="checkbox"/> Yukon														
<input checked="" type="checkbox"/> Alberta	<input checked="" type="checkbox"/> Quebec	<input checked="" type="checkbox"/> Prince Edward Island	<input checked="" type="checkbox"/> Northwest Territories														
			<input checked="" type="checkbox"/> Nunavut														
Deposit included: <input type="checkbox"/> CDN \$600.00 - Ontario and up to 2 additional provinces <input checked="" type="checkbox"/> CDN \$1,200.00 - Ontario and 3 or more additional provinces Cheque No. _____ Amount \$ _____ (Deposit to be applied to the incurred fees when all jurisdictions are complete - any charges over and above deposit amount will be invoiced at that time.)																	

Return mail address: ☐ A ☐ B ☐ C Optional: Courier Collect Courier name: _____

Account No.: _____

Signed: Chad M. Thomas Date (mm/dd/yyyy): 12/16/2016
Date: Jan 12, 2017 (mm/dd/yyyy) Reviewing Engineer: Mark Valic CRN Issued: 0H190B1.5



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, **CHAD THOMAS, VP GLOBAL ENGINEERING**

(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**

(Plant Address)

336-449-7707

(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 B31.1**

(Title of recognized North American Standard)

☐ 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 **ISO90001**

which has been verified by the following authority, **UNDERWRITERS LABORATORY INC**

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

SEE ATTACHED LIST

(drawings, calculations, test reports, etc.)

Declared before me at **Engineered Controls Int'l LLC** in the **Carnty** of **ALAMANCE, NC**

the **16th** day of **December** AD 20 **16**.

Commissioner for Oaths:

Marisa E. Elliott

(Printed name)

Marisa E. Elliott

(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 **H**

CRN:

0H19081.5

Registered by:

MARK VALCIC, P.ENG.

Dated:

JAN 12, 2017

NOTE: This registration expires on:

JAN 12, 2027

PV 08553 (06/16)

NOTE: DWG. No. MVE5D SER REV. A
VENT ASSEMBLY - 6/16/16

MARISA E. ELLIOTT
NOTARY PUBLIC
ALAMANCE COUNTY
NORTH CAROLINA

my commission expires 8/31/2021

Boilers and Pressure Vessels Safety Program
Technical Standards and Safety Authority
REGISTERED

0H19081.5

CRN: **0H19081.5**

Signed: **Mark Valcic**

Date: **JAN 12, 2017**

Category	System Number	Description	Drawing Number	Body Number	Body Material	Service Pressure
H	MVE5D	Vent Assembly	B-94071F	B-9408ST-1	Bronze Cast Alloy, UNS C92200, ASTM B61	600
			MVE5D-3	MVE5D -3	FC Brass, UNS C36000, ASTM B16	600
			1337-2	1337-2	Stainless Steel Pipe, ASTM A249, TP304L	600
			1337-57	1337-57	Stainless Steel Pipe, ASTM A312, TP304L	600
			1337B-22 SER	1337B-22C	Stainless Steel Pipe, ASTM A312, TP304L	600

THIS IS PART OF
CRN 0419081.5
 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program

u. Valer Jan 12/17



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

March 16, 2017

CHAD THOMAS
ENGINEERED CONTROLS INTERNATIONAL LLC
100 REGO DR
ELON NC 27244
US

Service Request Type.: BPV-National BC
Service Request No.: 2018308
Your Reference No.:
Registered to.: ENGINEERED CONTROLS INTERNATIONAL LLC

Dear CHAD THOMAS,

Please find enclosed the original response from BC, registered under the CRN No.: 0H19081.51.

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you.
For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Joanna Karpinski

Tel: 416-734-3377
Fax: 416-231-6183
Email: jkarpinski@tssa.org



505 - 6th Street, Suite 200
New Westminster, BC V3L 0E1

Toll Free: 1-866-566-SAFE
Fax: (778) 396 - 2064
www.safetyauthority.ca

TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO ON M9W 6N9

Date: February 6, 2017
Account #: 35231
Journal #: 67261
Our File #: 5611179

Attn: TANYA FRANCIS

Re: Application for Design Registration

The design, as detailed in your, TSSA SR# 2018308, for a Fitting is accepted for registration as follows:

Registered To: ENGINEERED CONTROLS INTERNATIONAL LLC
CRN: 0H19081.51

MAWP: 600 psig

Drawing #: MVE5D SER

Drawing Revision: A

Conditions Of Registration:

Registration of a Vent Assembly per scope & dwg sheet (att'd 2 pgs).

This design was registered based on a technical review performed by the province of initial registration in accordance with the Association of Chief Inspectors policy on reciprocal recognition of design review.

Reviewer's Notes:

As required by CSA B51 4.2.1, this registration expires on January 12, 2027. This CRN is valid until the expiry date as long as the Manufacturer maintains a valid quality control program verified by an acceptable third-party agency until that date. Should the certification of the quality control program lapse before the expiry date, this registration shall become void.

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

SHARON PETERS

boiler.designregistration@safetyauthority.ca
Design Administration

cc:

Category	System Number	Description	Drawing Number	Body Number	Body Material	Service Pressure
H	MVE5D	Vent Assembly	B-94071F	B-9408ST-1	Bronze Cast Alloy, UNS C92200, ASTM B61	600
			MVE5D-3	MVE5D -3	FC Brass, UNS C36000, ASTM B16	600
			1337-2	1337-2	Stainless Steel Pipe, ASTM A249, TP304L	600
			1337-57	1337-57	Stainless Steel Pipe, ASTM A312, TP304L	600
			1337B-22 SER	1337B-22C	Stainless Steel Pipe, ASTM A312, TP304L	600

THIS IS PART OF
CRN 0419081.5
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program



BCCA J #67261

u. Valer Jan 12/17



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

September01, 2017

CHAD THOMAS
ENGINEERED CONTROLS INTERNATIONAL LLC
100 REGO DR
ELON NC 27244
US

Service Request Type.: BPV-National AB
Service Request No.: 2018266
Your Reference No.:
Registered to.: ENGINEERED CONTROLS INTERNATIONAL LLC

Dear CHAD THOMAS,

Please find enclosed the original response from AB, registered under the CRN No.: 0H19081.5(ON), 0H17881.2(AB).

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you.
For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Joanna Karpinski

Tel: 416-734-3377
Fax: 416-231-6183
Email: jkarpinski@tssa.org



the pressure equipment safety authority

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

August 10, 2017

Attention: Tanya Francis
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO, ON M9W 6N9

Email: tfrancis@tssa.org

The design submission, tracking number 2017-00644, originally received on February 03, 2017 was surveyed and accepted for registration as follows:

CRN : 0H17881.2 **Accepted on:** August 10, 2017
Reg Type: New Design **Expiry Date:** August 10, 2027
Drawing No. : MVE5D SER Rev A
Fitting type: 1.5" VENT ASSEMBLY
Design registered in the name of : ENGINEERED CONTROLS INTERNATIONAL LLC

Description	MAWP	Design Temperature	MDMT
Internal Pressure	4137kPa	74 °C	-196 °C

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

TSSA Service Request No.: 2018266

This registration includes the following drawings:

- Assembly & sub-assembly drawings: MVE5D SER Rev A, B-14849478 Sheets 1 & 2, MVE5D-2 SER Rev A, B-8408-KITU Rev E, and B-8408-6 Rev C.
- Part drawings: B-9408ST-1 Rev A, B-9407-1C Rev G, MVE5D-3 Rev A, 001337-2 Rev C, 001337-57 Rev B, 1337B-22 SER Rev A, and B8404-19SS Rev E.

As indicated on the AB-41 Statutory Declaration form the code of construction is ASME B31.3.

This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form. This registration is valid only until the indicated expiry date and only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date. Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

Enclosed are stamped prints for your reference.

Sincerely,

RUDOLF, KEITH, P. Eng.
DOP Cert. No. D00008862

**STATUTORY DECLARATION
Registration of Fittings**

I, Chad Thomas, V.P of Engineering
(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 - 27244, NC, USA
(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 (check 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 B 31.3 as supported by the attached
(title of code of construction or other applicable document)

data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, ISO 9001 / UL INC as being suitable for the manufacture of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are Category "H"

(brief description of fittings)

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

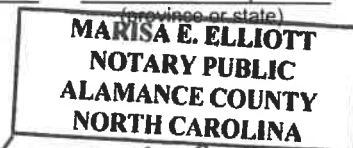
See attached list

DECLARED before me at Elon in the County of Alamance, NC
(city) (province or state)

this 1st day of June, 2017
(Month) (Year)

(print) Marisa E. Elliott
(a Commissioner of Oaths or Notary Public)

(sign) Marisa E. Elliott
(a Commissioner of Oaths or Notary Public)



my Commission Expires 8/31/2021

Chad M. Thomas
(signature of applicant)

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, Clause 4.2, and is accepted for registration in Category H

Registration Number: 0H17881.2

Scott Reddick
(Signature of the Administrator/SCO)

Date Registered: AUG 10 2017

Expiry Date: Aug 10 2027

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.

**"See Acceptance Letter for the comments
and/or conditions of registration"**

Category	System Number	Description	Drawing Number	Body Number	Body Material	Service Pressure
H	MVE5D	Vent Assembly	B-94071F	B-9408ST-1	Bronze Cast Alloy, UNS C92200, ASTM B61	600
			MVE5D-3	MVE5D-3	FC Brass, UNS C36000, ASTM B16	600
			1337-2	1337-2	Stainless Steel Pipe, ASTM A249, TP304L	600
			1337-57	1337-57	Stainless Steel Pipe, ASTM A312, TP304L	600
			1337B-22 SER	1337B-22C	Stainless Steel Pipe, ASTM A312, TP304L	600

ABSA

SAFETY CODES ACT - PROVINCE OF ALBERTA

REGISTRATION OF FITTINGS

REGISTRATION NO. **0H17881.2**

DWG. NO. or CAT. NO. **MVE5D Rev A**

TYPE OF FITTINGS **1.5" Vent Assembly**

AUG 10 2017 INITIALS **Keith Rudolph**

Date
KEITH RUDOLPH, P.Eng.
DESIGN SURVEY ENGINEER

"See Acceptance Letter for the comments
and/or conditions of registration"



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

May 04, 2017

CHAD THOMAS
ENGINEERED CONTROLS INTERNATIONAL LLC
100 REGO DR
ELON NC 27244
US

Service Request Type.: BPV-National MB
Service Request No.: 2018366
Your Reference No.:
Registered to.: ENGINEERED CONTROLS INTERNATIONAL LLC

Dear CHAD THOMAS,

Please find enclosed the original response from MB, registered under the CRN No.: 0H19081.54.

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you.
For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Joanna Karpinski
Tel: 416-734-3377
Fax: 416-231-6183
Email: jkarpinski@tssa.org



Inspection and Technical Services Manitoba

508 - 401 York Avenue

Winnipeg Manitoba R3C 0P8

T (204) 945-3373

F (204) 948-2309

www.firecomm.gov.mb.ca/codes_steam_pressure.html

April 10, 2017

TSSA

345 Carlingview Drive

Toronto, ON

M9W 6N9

Attn: Tanya Francis

REGISTRATION OF VALVES AND FITTINGS

Manufacturer: ENGINEERED CONTROLS INTERNATIONAL LLC

The design(s) for the following Valves/Fittings has been received by us and has been examined and accepted for registration in the Province of Manitoba as follows.

DRAWING / CATALOGUE	CRN	FILE
MVE5D SER REV.A VENT ASSEMBLY	0H19081.54	37527

An invoice covering survey and registration fees is enclosed.

NOTE: CRN registered under reciprocal agreement & is conditional based on compliance with the notes set by the original issuing Jurisdiction: **TSSA**. This registration expires **January 12, 2027**.

This registration is valid until the indicated expiry date only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date. Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

The registration of this design does not relieve the manufacturer, the owner or his agent of the responsibility for the design or construction of a fitting in accordance with the applicable Acts, Codes and Standards. Inspection and Technical Services assumes no responsibility by registering designs, examining plans and/or inspecting equipment or facility.

Regards,

Ryan Orlesky, C.E.T.

Design Surveyor

Office of the Fire Commissioner

Inspection and Technical Services Manitoba

508 - 401 York Avenue

Winnipeg, Manitoba, R3C 0P8

Phone: 204-945-3373

Email: ryan.orlesky@gov.mb.ca

STATUTORY DECLARATION Registration of Fittings

I, Chad Thomas (name of applicant) V.P. of Engineering (position title) (must be in a position of authority)
of Engineered Controls International, LLC (name of manufacturer)
located at 100 Rego Drive Elan, NC-27244 (plant address)

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

☒ comply with the requirements of ASME B31.1 (title of recognized North American Standard) which specifies the dimensions, 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 _____ (title of code of construction or other applicable document) as supported by the attached

data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, ISO 9001/UL INC as being suitable for the manufacture of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are Category A 1 1/4

(brief description of fittings)

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

See attached list.

DECLARED before me at Elan (city) in the County of Alamance, NC (province or state)
this 10th day of December, 2016 (Month) (Year)
(print) Marisa E. Elliott
(sign) Marisa E. Elliott (a Commissioner of Oaths or Notary Public)
(sign) Marisa E. Elliott (a Commissioner of Oaths or Notary Public) (signature of applicant)

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, Clause 4.2, and is accepted for registration in Category H

Registration Number: QH19081.54

Date Registered: Apr 10, 2017

Expiry Date: JAN 12, 2027

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.

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

REGO®

MARISA E. ELLIOTT
NOTARY PUBLIC
ALAMANCE COUNTY
NORTH CAROLINA

my commission expires 8/31/2021





To:	TSSA	From:	Janet Townsend
Company:	Engineered Controls International, LLC.	Phone:	416-747-4291
Pages:	8	Location:	Toronto
Our File:	ANR-4428	Date:	April 20, 2017

Your File: 2018350

Subject: Request for Design Registration

Dear Ms. Francis,

CSA has reviewed the documentation submitted by TSSA on behalf of Engineered Controls International, LLC.

These fittings have been registered by CSA for the Province of Québec. In accordance with an agreement between CSA, the Provinces of Québec and Saskatchewan; this registration is recognized by Quebec and Saskatchewan. These fittings are acceptable for use in these Provinces.

The letters CSA will be applied as a prefix to the CRN indicate which fittings have been registered in this manner. A copy of the stamped Statutory Declaration is attached.

The CRN is CSA-0H19081.56.

A copy of the Statutory Declaration with an original stamp affixed will be forwarded to you along with our invoice by regular mail.

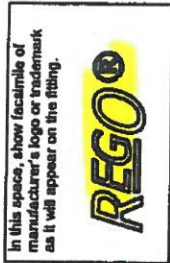
Yours truly

A handwritten signature in cursive script that reads 'Janet Townsend'.

Janet Townsend
Program Manager
CSA Group

**STATUTORY DECLARATION
Registration of Fittings**

I, Chad Thomas (name of applicant) V.P. of Engineering (position title) (must be in a position of authority)
of Engineered Controls International LLC (name of manufacturer)
located at 100 Rego Drive, Elan, NC 27245 (plant address)



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

☒ comply with the requirements of ASME B31.1 which specifies the dimensions, 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 attached _____ (title of code of construction or other applicable document)

data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, Boydco / UL INC as being suitable for the manufacture of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are

Category "H"

(brief description of fittings)

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

See attached list.

Note: See attachment as the scope of registration.

DECLARED before me at Elan (city) in the County of Alamance, NC (province or state)
this 16th day of December 2016 (Month) (Year)

(print) Marisa E. Elliott
(a Commissioner of Oaths or Notary Public)

(sign) Marisa E. Elliott
(a Commissioner of Oaths or Notary Public)

Chad Thomas
(signature of applicant)

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 Standard B51, Clause 4.2, and is accepted for registration in Category H

Registration Number: CSA-OH19081.56

Date Registered: APRIL 12 2017

(Signature of the Administrator/SCO)

Expiry Date: JAN 12 2021

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

**MARISA E. ELLIOTT
NOTARY PUBLIC
ALAMANCE COUNTY
NORTH CAROLINA**


my commission expires 6/31/2021




REGISTERED

CRN: CSA-OH19081.56

Registration Process administered by
CSA Group per CSA B51

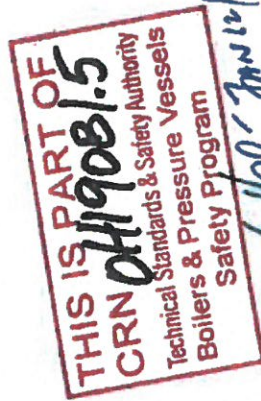
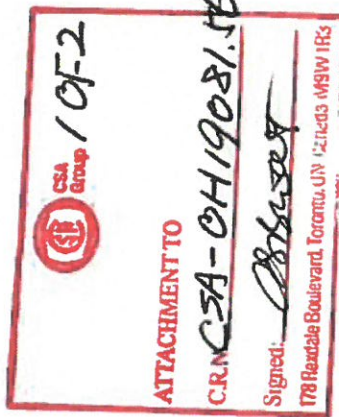
REGISTERED 
CRN: CSA-0H19081.56
Registration Process administered by
CSA Group per CSA B51

Technical Review performed per CSA B51
Performed by: ANRIC Enterprises Inc.
Signed: 
Date: 12 April, 2017


**CERTIFIED
TRUE COPY**
Date: 2/26/17
Signature: 

Cecylia Garteck, a Commissioner, etc.
City of Toronto, for the Technical
Standards & Safety Authority
Expires June 17, 2017

Category	System Number	Description	Drawing Number	Body Number	Body Material	Service
H	MVESD	Vent Assembly	B-94071F	B-9408ST-1	Bronze Cast Alloy, UNS C92200, ASTM B61	Pressure
			MVESD-3	MVESD-3	FC Brass, UNS C36000, ASTM B16	600
			1337-2	1337-2	Stainless Steel Pipe, ASTM A249, TP304L	600
			1337-57	1337-57	Stainless Steel Pipe, ASTM A312, TP304L	600
			1337B-22 SER	1337B-22C	Stainless Steel Pipe, ASTM A312, TP304L	600



178 Rexdale Blvd.
Toronto, Ontario
Canada M9W 1R3
Tel: (416) 747-4000
www.csagroup.org



March 2017

CRN – Canadian Registration Numbers - Saskatchewan

The Province of Saskatchewan participates with Quebec and the Canadian Standards Association (CSA Group) for the registrations of "Fittings".

Per an agreement with CSA Group in April 1998, Saskatchewan recognizes registrations done by CSA Group and accepts such fittings for use in Saskatchewan.

The letters "CSA" are applied as a prefix to the CRN to indicate which "Fittings" have been registered in this manner. You should inform your clients of this additional marking requirement and that "Fittings" registered by CSA Group are accepted for use in Saskatchewan Canada.



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

March 31, 2017

CHAD THOMAS
ENGINEERED CONTROLS INTERNATIONAL LLC
100 REGO DR
ELON NC 27244
US

Service Request Type.: BPV-National ACI Central
Service Request No.: 2018284
Your Reference No.:
Registered to.: ENGINEERED CONTROLS INTERNATIONAL LLC

Dear CHAD THOMAS,

Please find enclosed the original response from PEI, NS, NB, NFLD, YK, NWT, NU registered under the CRN No.: 0H19081.59870YTN.

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you. For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,


Joanna Karpinski

Tel: 416-734-3377
Fax: 416-231-6183
Email: jkarpinski@tssa.org

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUTNOVA SCOTIA
YUKONPRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>Engineered Controls International - LLC</u>	
MANUFACTURERS ADDRESS: <u>100 Rego Drive, Elan, NC - 27244</u>	
PLANT LOCATIONS: <u>Same as above</u>	
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 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting AECB or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION <u>ASME B31.1</u>
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:	
<u>See attached list</u>	

DECLARATION:

I Chad Thomas (see note 3) employed by ECI LLC 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 ISO 9001 / UL TNC 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: Chad Thomas
 Declared before me at Engineered Controls Int'l, Elan
 This 11th day of December AD 2016
 Commissioner of Oaths or Notary Public: Marisa E. Elliott

(Affix Official seal to the right)

MARISA E. ELLIOTT
 U S E T NOTARY PUBLIC R T H E
 WAKEMAN COUNTY
 NORTH CAROLINA


MY COMMISSION EXPIRES 8/31/2021

This space for Regulatory Authority use	
This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>OH19081.5</u>	ACCEPTED
FID#: <u>1704</u>	PROVINCE OF PRINCE EDWARD ISLAND COMMUNITIES, LAND & ENVIRONMENT
Notes:	C.R.N. <u>0419081.59</u>
1. All fittings shall be registered in the name of the Manufacturer.	DATE: <u>Dec 9 2017</u>
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.	
	<u>James McCall</u> INSPECTION SERVICES SECTION BOILER/PRESSURE VESSEL BRANCH

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUTNOVA SCOTIA
YUKONPRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>Engineered Controls International LLC</u>	
MANUFACTURERS ADDRESS: <u>100 Rego Drive, Elan, NC-27244</u>	
PLANT LOCATIONS: <u>Same as above</u>	
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 fusible plugs H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting AECB or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION <u>ASME B31.1</u>
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: <u>See attached list</u>	

DECLARATION:

I, Chad Thomas (see note 3) employed by ECI LLC 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 ISO 9001 / UL TNC 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.

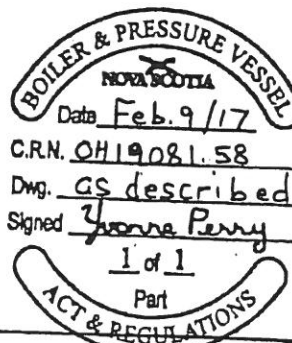
Signature of Declarer: Chad Thomas
 Declared before me at Engineered Controls Int'l, Elan
 This 10th day of December AD 2016
 Commissioner of Oaths or Notary Public: (sign) Marisa E. Elliott

(Affix Official seal to the right)

MARISA E. ELLIOTT
 U S E T NOTARY PUBLIC R T H E
 ALAMANCE COUNTY
 NORTH CAROLINA

MY COMMISSION EXPIRES 8/31/2021

This space for Regulatory Authority use	
This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>OH19081.5</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.	




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: <u>Engineered Controls International LLC</u>	
MANUFACTURERS ADDRESS: <u>100 Rego Drive, Elan, NC - 27244</u>	
PLANT LOCATIONS: <u>Same as above</u>	
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 fusible plugs H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting AECB or ASME requirements)	
TITLE OF THE STANDARD OF CONSTRUCTION <u>ASME B31.1</u>	
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: <u>See attached list</u>	

DECLARATION:

I, Chad Thomas (see note 3) employed by ECI LLC 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 ISO 9001 / UL TNC 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.

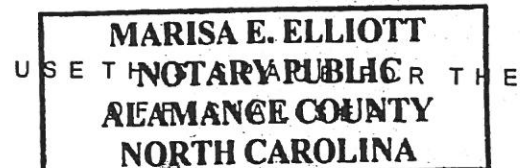
Signature of Declarer: Chad Thomas

Declared before me at Engineered Controls Int'l, Elan

This 10th day of December AD 2016

Commissioner of Oaths or Notary Public: (sign) Marisa E. Elliott

(Affix Official seal to the right)



My Commission expires 8/31/2021

This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>OH19081.5</u> FID#: <u>1704</u>	DEPT OF PUBLIC SAFETY BOILER & PRESSURE VESSEL ACT REGISTRATION ONLY CRN <u>OH19081.57</u> EXAMINER: <u>Chris Crook</u> for CHIEF BOILER INSPECTOR DATE: <u>Feb. 10, 2017</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.	

☐ BLRs ☐ PVs
☒ FITTINGS ☐ COMPONENTS


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: <u>Engineered Controls International - LLC</u>	
MANUFACTURERS ADDRESS: <u>100 Rego Drive, Elam, NC - 27244</u>	
PLANT LOCATIONS: <u>Same as above</u>	
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 fusible plugs H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting AECB or ASME requirements)	
TITLE OF THE STANDARD OF CONSTRUCTION <u>ASME B31.1</u>	
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: <u>See attached list</u>	

DECLARATION:

I, Chad Thomas (see note 3) employed by ECI LLC 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 ISO 9001 / UL 726 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: Chad Thomas

Declared before me at Engineered Controls Intl, Elam

This 10th day of December AD 2016

Commissioner of Oaths
or Notary Public: (sign) Marisa E. Elliott

(Affix Official seal to the right)

MARISA E. ELLIOTT
 U S E T NOTARY PUBLIC R T H E
ALAMANCE COUNTY
NORTH CAROLINA

MY COMMISSION EXPIRES 8/31/2021

This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>OH19081.5</u>	Newfoundland Labrador Service NL Registered <u>OH19081.50</u> Date <u>12/12/10</u> Engineering and Inspection Services Registered by <u>[Signature]</u> UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULATIONS
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.	


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: <u>Engineered Controls International LLC</u>	
MANUFACTURERS ADDRESS: <u>100 Rego Drive, Elan, NC-27244</u>	
PLANT LOCATIONS: <u>Same as above</u>	
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 fusible plugs H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting AECB or ASME requirements)	
TITLE OF THE STANDARD OF CONSTRUCTION <u>ASME B31.1</u>	
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: <u>See attached list</u>	

DECLARATION:


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Signature of Declarer: Chad Thomas
 Declared before me at Engineered Controls Intl, Elan
 This 10th day of December AD 2016

Commissioner of Oaths
 or Notary Public: (sign) Marisa E. Elliott
 (Affix Official seal to the right)

MARISA E. ELLIOTT
 U S E T H NOTARY PUBLIC R T H E
ALAMANCE COUNTY
NORTH CAROLINA

my COMMISSION expires 8/31/2021

This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>OH19081.5</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.	


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: <u>Engineered Controls International LLC</u>	
MANUFACTURERS ADDRESS: <u>100 Rego Drive, Elan, NC-27244</u>	
PLANT LOCATIONS: <u>Same as above</u>	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	
<p>A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p>B Flanges: all flanges</p> <p>C Valves: all line valves</p> <p>D Expansion joints, flexible connections, and hose assemblies: all types</p> <p>E Strainers, filters, separators, and steam traps</p> <p>F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p>G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p>H Pressure retaining components that do not fall into one of the above categories</p> <p>N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting AECB or ASME requirements)</p>	
TITLE OF THE STANDARD OF CONSTRUCTION <u>ASME B31.1</u>	
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: <u>See attached list</u>	

DECLARATION:

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Signature of Declarer: Chad Thomas

Declared before me at Engineered Controls Intl, Elan

This 11th day of December AD 2016

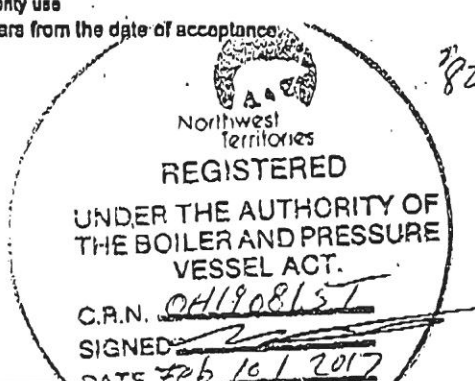
Commissioner of Oaths

or Notary Public: (sign) Marisa E. Elliott

(Affix Official seal to the right)

MARISA E. ELLIOTT
USE THE NOTARY PUBLIC R THE
ALAMANCE COUNTY
NORTH CAROLINA

my commission expires 8/31/2021

This space for Regulatory Authority use	
This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>OH19081.5</u>	
FID#: <u>1704</u>	
Notes:	
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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: <u>Engineered Controls International - LLC</u>	
MANUFACTURERS ADDRESS: <u>100 Rego Drive, Elan, NC - 27244</u>	
PLANT LOCATIONS: <u>Same as above</u>	
<p>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</p> <p>A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p>B Flanges: all flanges</p> <p>C Valves: all line valves</p> <p>D Expansion joints, flexible connections, and hose assemblies: all types</p> <p>E Strainers, filters, separators, and steam traps</p> <p>F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p>G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p>H Pressure retaining components that do not fall into one of the above categories</p> <p>N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting AECB or ASME requirements)</p>	<p>TITLE OF THE STANDARD OF CONSTRUCTION</p> <p><u>ASME B31.1</u></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><u>See attached list</u></p>	

DECLARATION:

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Signature of Declarer: Chad Thomas

Declared before me at Engineered Controls Intl, Elan

This 11th day of December AD 2016

Commissioner of Oaths or Notary Public: (sign) Marisa E. Elliott

(Affix Official seal to the right)

MARISA E. ELLIOTT
USE THE NOTARY PUBLIC FOR THE
ALFAMANCE COUNTY
NORTH CAROLINA

COMMISSION EXPIRES 8/31/2021

<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>OH19081.5</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">NUNAVUT</p> <p align="center">Boilers and Pressure Vessels Act</p> <p align="center">REGISTERED</p> <p>CRN <u>OH19081.5N</u></p> <p>Date <u>Feb 10, 2017</u></p> <p>Signed <u>[Signature]</u> Chief Inspector</p> <p align="center">Territorial Registration Fee</p>
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