



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

[www.tssa.org](http://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.:** 2000492

**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.:** 0H19077.5

Main Design No.:

Dwg. No. T9464FAB Rev. H, Valve Short Stem Cryo Shut-off

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](mailto: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](mailto: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

### INTAKE GROUP

Date:

SR #:

Agent:

Date of Application (mm/dd/yyyy):

12/16/2016

☐ Expedited Service (please attached request form)

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

Existing CRN: \_\_\_\_\_ (if applicable)

<b>Section A: Submitter</b>		<b>Section B: Invoicee</b>	
Company Name: ENGINEERED CONTROLS INTERNATIONAL, LLC.		Company Name:	
Address: 100 REGO DRIVE		Address:	
City/Town: ELON	Province/State: NC	City/Town:	Province/State:
Postal/Zip Code: 27244	Country: USA	Postal/Zip Code:	Country:
Telephone: 336-449-7707	Fax:	Telephone:	Fax:
Contact Name: CHAD THOMAS		Contact Name:	
E-mail: cthomas@regoproducts.com		E-mail:	
Job No./Reference:		Purchase Order No.:	
Drawing/Catalog No.: <del>7</del> T9464FAB			
Acct/Cust No.: A-400283 C913915		Acct/Cust No.:	
<b>Section C: Owner of Design/CRN</b> Same as: <input checked="" type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> D		<b>Section D: Manufacturer</b> Same as: <input checked="" type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C	
Company Name:		Company Name:	
Address:		Address:	
City/Town:	Province/State:	City/Town:	Province/State:
Postal/Zip Code:	Country:	Postal/Zip Code:	Country:
Telephone:	Fax:	Telephone:	Fax:
Contact Name:		Contact Name:	
E-mail:		E-mail:	
Acct/Cust No.:		Acct/Cust No.:	
<b>Registration required in the following jurisdictions:</b>			
<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			
<b>Deposit included:</b> <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: <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C		Optional: Courier Collect	
		Courier name: _____	
		Account No.: _____	
Signed: <i>Chad M. Thomas</i>		Date (mm/dd/yyyy): 12/16/2016	
Date: <i>JAN 12, 2017</i>	Reviewing Engineer: <i>Mark Valcic</i>	CRN Issued: <i>0H19077.5</i>	





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**

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

(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/Elon** in the **County** of **Alamance, NC**

the **11<sup>th</sup>** day of **December** AD 20 **16**

Commissioner for Oaths:

**Marisa E. Elliott**

(Printed name)

**Marisa E. Elliott**

(Signature)

**Chad M. Thomas**

(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:

Registered by:

Dated:

NOTE: This registration expires on:

**01/19/2017**

**MARK VALCIC, P.ENG.**

**JAN 12, 2017**

**JAN 12, 2017**

**NOTE: DWG. No. T9464 FAB REV. H**

**VALVE, SHORT STEM CRXO SHUT-OFF VALVE**

**JAN 12, 2017**

**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**

**0119077.5**

**C.R.N.**

**Signed**

**Date**

**JAN 12, 2017**

Category	System Number	Description	Drawing Number	Body Number	Body Material	Service Pressure
H	T9464FAB	Short Stem Cryo Shut-Off Valve	9464-1D	9464-1D	Forging Brass UNS C37700, ASTM B283	600
			9475-3	9475-3	Stainless Steel Pipe, ASTM A249/213, TP304L	600





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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.: 2019138  
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.: 0H19077.51.

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](mailto: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](mailto: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 7, 2017  
**Account #:** 35231  
**Journal #:** 67271  
**Our File #:** 5611226

**Attn:** TANYA FRANCIS

**Re:** Application for Design Registration

The design, as detailed in your, TSSA SR# 2019138, for a Fitting is accepted for registration as follows:

**Registered To:** ENGINEERED CONTROLS INTERNATIONAL LLC  
**CRN:** 0H19077.51

**MAWP:** 600 psig

**Drawing #:** T9464FAB

**Drawing Revision:** H

**Conditions Of Registration:**

Registration of a Short Stem Cryo Shut-off Valve per scope & dwg sheets (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	T9464FAB	Short Stem Cryo Shut-Off Valve	9464-1D 9475-3	9464-1D 9475-3	Forging Brass UNS C37700, ASTM B283 Stainless Steel Pipe, ASTM A249/213, TP304L	600 600



*Wade Jan 12/17*





To:	TSSA	From:	Janet Townsend
Company:	Engineered Controls International, LLC	Phone:	416-747-4291
Pages:	8	Location:	Toronto
Our File:	ANR-4431	Date:	April 4, 2017

Your File: 2019146

**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-0H19077.56.


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**  
Account Manager  
CSA Group



REGISTERED	
CRN: <u>CSA-OH19077.56</u>	
Registration Process administered by CSA Group per CSA B51	

Technical Review performed per CSA B51 Performed by: ANRIC Enterprises Inc.	
Signed: <u><i>ASB</i></u>	
Date: <u>31 March, 2017</u>	



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Toronto, Ontario  
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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.: 2019152  
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.: 0H19077.54.

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](mailto: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](mailto:jkarpinski@tssa.org)



**Inspection and Technical Services Manitoba**  
500 - 401 York Avenue  
Winnipeg Manitoba R3C 0P8  
T (204) 945-3373  
F (204) 948-2309  
[www.firecomm.gov.mb.ca/codes\\_steam\\_pressure.html](http://www.firecomm.gov.mb.ca/codes_steam_pressure.html)

April 11, 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
Valve Short Stem Cryo Shut-off - Dwg. No. T9464FAB Rev. H	0H19077.54	37529

**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**.
- See attached stamped "this is part of CRN" for scope of registration.
- This registration expires **Jan 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.

Yours truly,

**Rabie Harb, E.I.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: [rabie.harb@gov.mb.ca](mailto:rabie.harb@gov.mb.ca)



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

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

REGO®

## STATUTORY DECLARATION Registration of Fittings

I, **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)

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 **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 / Elon** in the **County** of **Alamance, NC**

the **19th** day of **December** AD 20**16**

Commissioner for Oaths:

**Marisa E. Elliott**

(Printed name)

**Manda E. Elliott**

(Signature)

**Chad Thomas**

(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:

**PH190777.54**

Registered by:

**Rabie Harb**

Dated:

**2017/04/11**

NOTE: This registration expires on:

**Jan 12, 2027**

PV 09553 (08/16)

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

my commission expires 8/31/2024



**CERTIFIED  
TRUE COPY**

Date: **Jan 11, 2017**

Signature: **[Signature]**

**Colleen Anne Ratcliff,**  
a Commissioner, etc., City of Toronto, for the  
Technical Standards & Safety Authority  
Expires July 24, 2019

Inspection &  
Technical Services  
Manitoba



**REGISTERED**

C.R.N.: **PH190777.54**

Signed: **Rabie Harb**

Date: **2017/04/11**



Category	System Number	Description	Drawing Number	Body Number	Body Material	Service Pressure
H	T9464FAB	Short Stem Cryo Shut-Off Valve	9464-1D	9464-1D	Forging Brass UNS C37700, ASTM B283	600
			9475-3	9475-3	Stainless Steel Pipe, ASTM A249/213, TP304L	600





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April 11, 2017

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

Service Request Type.: BPV-National ACI Central  
Service Request No.: 2019126  
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.: 0H19077.59870YTN.

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](mailto:customerservices@tssa.org). When contacting TSSA regarding this file, please refer to the Service Request number provided above.


Yours truly,

Tanya Francis  
Administrative Assistant\_ BPV Engineering  
Tel. : 416-734-3423  
Fax : 416-231-6183  
Email : [tfrancis@tssa.org](mailto:tfrancis@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, Elm, 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>	<p>TITLE OF THE STANDARD OF CONSTRUCTION</p> <p><u>ASME B31.1</u></p>
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT	
	<p>TYPE OF CONSTRUCTION</p> <p>FORGED <input checked="" 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>
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:	
<p><u>See attached list</u></p>	

## DECLARATION:

I, Chad Thomas (see note 2) employed by E.C.T. 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 9001/01 INSC 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.

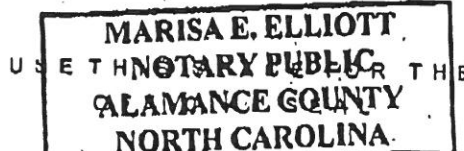
Signature of Declarer:

Chad M. Thomas

Declared before me at

Engineered Controls Int'l / ElmThis 11th day ofDecemberAD 2016Commissioner 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: 0H19077.5FID#: 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.

ACCEPTED

PROVINCE OF PRINCE EDWARD ISLAND  
COMMUNITIES, LAND & ENVIRONMENT


C.R.N. 0H19077.59DATE: Feb 21/17

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, Elm, 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>	<p>TITLE OF THE STANDARD OF CONSTRUCTION</p> <p><u>ASME B31.1</u></p>
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT	
	
TYPE OF CONSTRUCTION	
<p>FORGED <input checked="" 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>	
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 E.C.T. 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 ISA 9001/UL 1551 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 M. Thomas

Declared before me at

Engineered Controls Int'l / ElmThis 11th day ofDecember 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 N O T A R Y P U B L I C T H E

ALAMANCE COUNTY

NORTH CAROLINA

My Commission Expires 8/31/2021

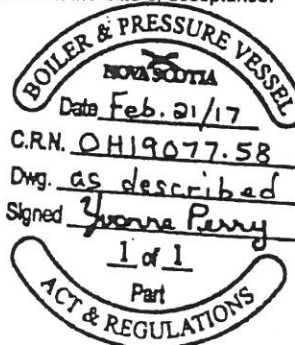
This space for Regulatory Authority use

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

CRN: 0H19077.5FID#: 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, Elm, NC 27244  
PLANT LOCATIONS: Same as above

## CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY

## TITLE OF THE STANDARD OF CONSTRUCTION

- 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 ☐ Class 2 ☐ Class 3 ☐ (Meeting AECB or ASME requirements)

ASME B31.1

## SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT

## TYPE OF CONSTRUCTION



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

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

See attached list

## DECLARATION:

I Chad Thomas (see note 3) employed by ECT 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 1251 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 M. Thomas

Declared before me at Engineered Controls Int'l/Elm

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  
NOTARY PUBLIC  
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: 0H19077.5

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.

DEPT OF PUBLIC SAFETY  
BOILER & PRESSURE VESSEL ACT

## REGISTRATION ONLY

CRN 0H19077.57

EXAMINER: Ken Cusack

for  
CHIEF BOILER INSPECTOR

DATE: Feb. 17, 2017

☐ 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: Engineered Controls International LLC  
MANUFACTURERS ADDRESS: 100 Rego Drive, Elon, NC 27244  
PLANT LOCATIONS: Same as above

## 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 ☐ Class 2 ☐ Class 3 ☐ (Meeting AECB or ASME requirements)

## TITLE OF THE STANDARD OF CONSTRUCTION

ASME B31.1

## SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT



## TYPE OF CONSTRUCTION

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

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

See attached list

## DECLARATION:

I, Chad Thomas (see note 3) employed by ECT 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 1001 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 M. Thomas

Declared before me at Engineered Controls Int'l/Elon

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  
NOTARY PUBLIC  
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: 0H19077.5

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.

Newfoundland  
Labrador

Service NL

Registered 0H19077.50

Date 12/12/21

Engineering and Inspection Services

Registered by [Signature]

UNDER THE AUTHORITY OF THE  
PUBLIC SAFETY ACT AND  
THE BOILER, PRESSURE VESSEL AND  
COMPRESSED GAS REGULATIONS


# 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>	
<b>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</b> 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)	<b>TITLE OF THE STANDARD OF CONSTRUCTION</b>  <u>ASME B31.1</u>
<b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b>  	<b>TYPE OF CONSTRUCTION</b> FORGED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER:
<b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b>  <u>See attached list</u>	

## DECLARATION:

I, Chad Thomas (see note 3) employed by ECT 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 ISA 9001/01:1991 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.

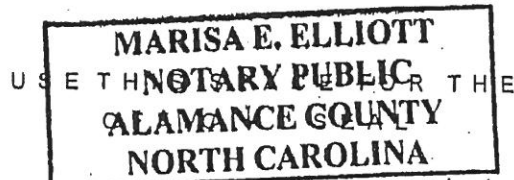
Signature of Declarer: Chad M. Thomas

Declared before me at Engineered Controls Int'l/Elan

This 11th 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: 0H19077.5

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  
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, Elm, NC 27244</u>	
PLANT LOCATIONS: <u>Same as above</u>	
<b>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</b>	
<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 fuel gas 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><b>TITLE OF THE STANDARD OF CONSTRUCTION</b></p> <p align="center"><u>ASME B31.1</u></p>
<b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b>	
	<p><b>TYPE OF CONSTRUCTION</b></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>DDCCIDE OTHER:</p>
<b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b>	
<p align="center"><u>See attached list</u></p>	

**DECLARATION:**  
Chad Thomas (see note 3) employed by ECT 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: ISA 9001:2015 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 M. Thomas  
 Declared before me at Engineered Controls Int'l/Elm  
 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**  
 U S E T H N O T A R Y P U B L I C F O 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>0H19077.5</u>	 <b>REGISTERED</b> UNDER THE AUTHORITY OF THE BOILER AND PRESSURE VESSEL ACT. C.R.N. <u>0H19077.5</u> SIGNED: <u>[Signature]</u> DATE: <u>Feb 22 2017</u>
FID#: <u>1704</u>	
<p><b>Notes:</b></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>	

82.00




# **UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>Engineered Controls International LLC</u>	
MANUFACTURERS ADDRESS: <u>100 Rego Drive, Elan, NC-27244</u>	
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<p><b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b></p> <p align="center"></p>	<p><b>TYPE OF CONSTRUCTION</b></p> <p>FORGED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/>          CAST <input type="checkbox"/> OTHER <input type="checkbox"/>          DESCRIBE OTHER:</p>
<p><b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b></p> <p align="center"><u>See attached list</u></p>	

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Signature of Declarer: Chad M. Thomas  
 Declared before me at Engineered Controls Int'l/Elan  
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 Commissioner of Oaths or Notary Public: (sign) Marisa E. Elliott  
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**MARISA E. ELLIOTT**  
**NOTARY PUBLIC**  
**ALAMANCE COUNTY**  
**NORTH CAROLINA**

My commission expires 8/31/2021

<p>This registration must be revalidated after ten (10) years from the date of acceptance.</p> <p>CRN: <u>0H19077.5</u></p> <p>FID#: <u>1704</u></p> <p><b>Notes:</b></p> <ol style="list-style-type: none"> <li>1. All fittings shall be registered in the name of the Manufacturer.</li> <li>2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.</li> <li>3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.</li> <li>4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.</li> </ol>	<p align="center">This space for Regulatory Authority use</p> <p align="center"><b>NUNAVUT</b></p> <p align="center">Boilers and Pressure Vessels Act</p> <p align="center"><b>REGISTERED</b></p> <p>CRN <u>0H19077.5N</u></p> <p>Date <u>Feb 17, 2017</u></p> <p>Signed <u>[Signature]</u>          Chief Inspector</p> <p align="center"><b>Territorial Registration Fee</b></p>
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