



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

www.tssa.org

August 15, 2018

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

Service Request Type: BPV-Fitting Registration

Service Request No.: 2356428

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.: 0C20617.5

Main Design No.: Diverters and Pull Away Valves (see the attachment to the Statutory Declaration Form for the scope of registration)

Expiry Date: 15-Aug-2028

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.



Mark Valcic
Engineer Specialist BPV
Tel. : 416-734-3494
Fax : 416-231-6183
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

INTAKE GROUP

Date: 2356428 (ONT)
SR #: 2356434 (NAF)
Agent: 2356434 (NAF)

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)

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.:

Acct/Cust No.: AL00283 C913215

Section B: Invoicee

Same as: ☒ A ☐ C ☐ 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: ☒ A ☐ B ☐ 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: ☒ A ☐ B ☐ 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:

- | | | | |
|--|--|--|---|
| <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: ☐ CDN \$600.00 - Ontario and up to 2 additional provinces ☒ 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 Thomas

Date (mm/dd/yyyy): 12/16/2016

Date: AUG 15, 2018
(mm/dd/yyyy)

Reviewing Engineer: Mark Valic

CRN Issued: 0120617.5



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

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/B31.3

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

the **1st** day of **February** AD 20 **18**

Commissioner for Oaths:

Marisa E. Elliott

(Printed name)

Marisa E. Elliott

(Signature)

Marisa E. Elliott

(Signature of Declarer)

MARISA E. ELLIOTT
NOTARY PUBLIC
ALAMANCE COUNTY
NORTH CAROLINA

my commission expires
8/31/2021

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 **B**

CRN:

Registered by:

Dated:

NOTE: This registration expires on:

PV 08553 (05/16)

Standards and Safety Authority
Pressure Vessels Safety Program

REGISTERED

C.R.N.: **0100617.5**

Signed: **W. Val**

Date: **Aug 15, 2018**

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

CERTIFIED TRUE COPY
Date: **Aug 15/18**
Signature: **Colleen**

Category	System Number	Description	Drawing Number	Body Number	Body Material	Service Pressure
H	DR6110	Diverter	DR6112-1	DR6112-1	Bronze Cast Alloy, UNS C92200, ASTM B61	600
			DR6112-2	DR6112-2	Bronze Cast Alloy, UNS C92200, ASTM B61	600
			DR6113-1	DR6113-1	Bronze Cast Alloy, UNS C92200, ASTM B61	600
			DR6112-4	DR6112-4	FC Brass Rod, UNS C36000, ASTM B16	600
			DR6112-5	DR6112-5	FC Brass Rod, UNS C36000, ASTM B16	600
H	DR6108	Diverter	DR6108-2	BR6108-2	Bronze Cast Alloy, UNS C92200, ASTM B61	600
			DR6108-1	BR6108-1	Bronze Cast Alloy, UNS C92200, ASTM B61	600
			DR6108-9	BR6108-9	FC Brass Rod, UNS C36000, ASTM B16	600
			DR6108-4	BR6108-4	FC Brass Rod, UNS C36000, ASTM B16	600
			DR6108-5	BR6108-5	FC Brass Rod, UNS C36000, ASTM B16	600
H	A2141A6B	Pull Away Valve	A2141A6B	8108-070	1214 Carbon Steel	400
				8108-071	1144 Carbon Steel	400
H	A2141A6LB	Pull Away Valve	A2141A6LB	8711-003	1144 Carbon Steel	400
				8108-068	1144 Carbon Steel	
H	A2141A8LB	Pull Away Valve	A2141A8LB	8711-006	1144 Carbon Steel	400
				8108-070	1214 Carbon Steel	400
				8108-071	1144 Carbon Steel	400
H	A2141A8B	Pull Away Valve	A2141A8B	8108-070	1214 Carbon Steel	400
				8108-071	1144 Carbon Steel	400
H	A2141A16B	Pull Away Valve	A2141A16B	8209-018	1214 Carbon Steel	400
				8209-017	Ductile Cast Iron A536	400
				8209-017	2017-T4/2024-T4 Aluminum	400

THIS IS PART 17.5
 CRN 000617.5
 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program
 Aug 15/18



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

October 03, 2018

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

Service Request Type.: BPV-National BC
Service Request No.: 2381414
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.: 0C20617.51.

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,

Tanya Francis
Administrative Assistant_ BPV Engineering
Tel.: 416-734-3423
Fax: 416-231-6183
Email :tfrancis@tssa.org

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

Date: August 31, 2018
Account #: 35231
Journal #: 71526

Attn: TANYA FRANCIS

Re: Application for Design Registration

The design, as detailed in your, TSSA SR# 2381414, for a Fitting is accepted for registration as follows:

Registered To: ENGINEERED CONTROLS
INTERNATIONAL LLC **CRN:** 0C20617.51

MDMT: -320 deg F

MAWT: 165 deg F

MAWP: 600 psig

Drawing #: Per Scope Sheet

Conditions Of Registration:

Registration of Diverters & Pull Away Valves as per attached scope of registration sheet.

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 August 15, 2028. 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@technicalsafetybc.ca
Design Administration

cc:

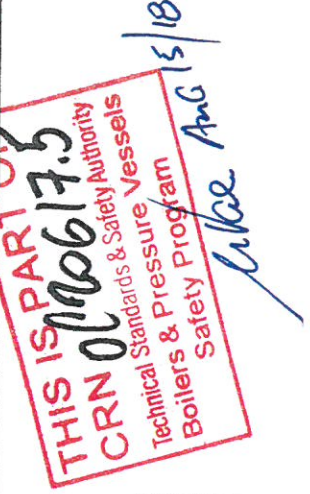
Category	System Number	Description	Drawing Number	Body Number	Body Material	Service Pressure
H	DR6110	Diverter	DR6112-1	DR6112-1	Bronze Cast Alloy, UNS C92200, ASTM B61	600
			DR6112-2	DR6112-2	Bronze Cast Alloy, UNS C92200, ASTM B61	600
			DR6113-1	DR6113-1	Bronze Cast Alloy, UNS C92200, ASTM B61	600
			DR6112-4	DR6112-4	FC Brass Rod, UNS C36000, ASTM B16	600
			DR6112-5	DR6112-5	FC Brass Rod, UNS C36000, ASTM B16	600
H	DR6108	Diverter	DR6108-2	BR6108-2	Bronze Cast Alloy, UNS C92200, ASTM B61	600
			DR6108-1	BR6108-1	Bronze Cast Alloy, UNS C92200, ASTM B61	600
			DR6108-9	BR6108-9	FC Brass Rod, UNS C36000, ASTM B16	600
			DR6108-4	BR6108-4	FC Brass Rod, UNS C36000, ASTM B16	600
			DR6108-5	BR6108-5	FC Brass Rod, UNS C36000, ASTM B16	600
H	A2141A6B	Pull Away Valve	A2141A6B	8108-070 8108-071	1214 Carbon Steel 1144 Carbon Steel	400 400
H	A2141A6LB	Pull Away Valve	A2141A6LB	8711-003 8108-068	1144 Carbon Steel 1144 Carbon Steel	400 400
H	A2141A8LB	Pull Away Valve	A2141A8LB	8711-006 8108-070 8108-071	1144 Carbon Steel 1214 Carbon Steel 1144 Carbon Steel	400 400 400
H	A2141A8B	Pull Away Valve	A2141A8B	8108-070 8108-071	1214 Carbon Steel 1144 Carbon Steel	400 400
H	A2141A16B	Pull Away Valve	A2141A16B	8209-018 8209-017 8209-017	1214 Carbon Steel Ductile Cast Iron A536 2017-T4/2024-T4 Aluminum	400 400 400



CRN #: 0C20617.51

Date: AUG. 31, 2018

BC J#: 71526





To:	TSSA	From:	Janet Townsend
Company:	Engineered Controls International, LLC	Phone:	416-747-4291
Pages:	7	Location:	Toronto
Our File:	ANR-5108	Date:	November 1, 2018

Your File: 2381422

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-0C20617.56.

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 blue ink that reads 'Janet Townsend'.

Janet Townsend
Program Manager
CSA Group

178 Rexdale Blvd.
Toronto, ON, M9W 1R3
Canada
www.csagroup.org

Statutory Declaration Registration of Fittings

REGISTERED



CRN CSA-OC20617.56

Registration Process administered by
CSA Group per CSA B51

(a) Design Qualification

I, Chad Thomas, V.P of Engineering

(Position eg, president, plant manager, chief eng.)

Of Engineered Controls International, LLC
(name of company)

Located at 100 Rego Drive, Elon, NC -27244 USA
(plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Boilers & Pressure Vessels Act:

☒ comply with all the requirements of the ANSI/ASME codes as to their dimensions, material, identification & service for which are required:

Or

☐ are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with _____ code and standard, and are designed to the best current engineering practice, as shown by the supporting test data.

(b) Quality control of Manufacture

I further declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of ASME B31.3, and has been verified by the following authority or authorized agency UL 9001

The fittings² covered by this declaration, for which I seek registration, are Category 4

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

Declared before me at Engineered Controls International, LLC

In the of Alam County of Alamance, NC

The 9th Day of March AD 2018

Marisa E. Elliott
A (commissioner for oaths)

MARISA E. ELLIOTT
NOTARY PUBLIC
ALAMANCE COUNTY
NORTH CAROLINA

my Commission expires 8/31/2021

Chad Thomas
Signature of Declarer³

For Official Use Only

The application is accepted for registration in Category C in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51.

This registration must be revalidated after ten (10) years from the date of acceptance. Aug. 15. 2028

Registered Number CRN CSA-OC20617.56

For the Chief Inspector
Date



A. BANWATT
Oct. 15. 2018

- 1 Three completed copies of Statutory Declaration form together with three copies of Catalogs, drawings of Bulletins illustrating above fittings shall be submitted.
- 2 All fittings are required to be registered in the name of the Manufacturer.
- 3 This form shall be completed and signed by the president of highest official in the manufacturing plan where the fitting is produced.





Technical Safety Authority of Saskatchewan

REGISTERED

CRN: CSA-OC20617.56

Registration Process administered by
CSA Group per CSA B51



2202 2nd Ave.
Regina, SK S4R 1K3
PH: (306)798-7112 Toll Free: (866)530-8599
FAX: (306)787-9273 Toll Free: (866)760-9255
Email: boilerpermits@tsask.ca
Website: www.tsask.ca

Statutory Declaration (Registration of Fittings)

TSK-1008

I. Declaration Information

I, Chad Thomas, V.P of Engineering

(company title, e.g. vice president, plant manager, chief engineer)
(must be in a position of authority in the manufacturing plant where the fitting is produced)

of: Engineered Controls International, LLC

(name of manufacturer)

located at: 100 Rego Drive

(Plant Address - Apt/Street)

Elon, NC

(City, Prov)

27244

(Postal Code)

do solemnly declare that the fittings listed hereinafter, which are subject to the **Saskatchewan Boiler and Pressure Vessel Safety Act** (check one)

☒ Comply with the requirements of ASME B31.3 which specifies the dimensions,
(title of recognized North American Standard)
Materials of construction, pressure / temperature ratings and identification marking of the fittings, or

☐ Are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with _____ as supported by the 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 manufacturer of these fittings is controlled by a quality control program which has been verified by the following authority, UL 9001 as being suitable for the manufacturer of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are

Category H

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

See attached list

MARISA E. ELLIOTT
NOTARY PUBLIC
ALAMANCE COUNTY
NORTH CAROLINA

my commission
expires 8/31/2024

II. Declaration

DECLARED before me at Engineered Controls Int'l In the County of Alamance, NC

this 9th day of March, 2018

Marisa E. Elliott
(print name)

[Signature]
(Signature)

Marisa E. Elliott
(Signature of Commissioner of Oaths)

III. Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the **Boiler and Pressure Vessel Safety Act** and CSA B51, Clause 4.2, and is accepted for registration in Category C

CSA-OC20617.56

(Registration Number)

Oct. 15. 2018

(Date Registered - MM DD YYYY)

(For the Administrator / Chief Inspector)

Aug. 15. 2028

(Expiry Date - MM DD YYYY)

A. BANWATT



*Note: See the attachment for the scope of the registration.



TSK-1008
Rev. 10/2012
Page 1 of 1



345 Caringview Drive
Toronto, Ontario M9W 6N9
Tel: 416 734 3300
Fax: 416 231 1625
Toll Free: 1 877 582 3772

www.tssa.org

August 15, 2018

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

Service Request Type: BPV-Fitting Registration
Service Request No.: 2356428
Your Reference No.:
Registered to: ENGINEERED CONTROLS INTERNATIONAL LLC

Dear CHAD THOMAS,

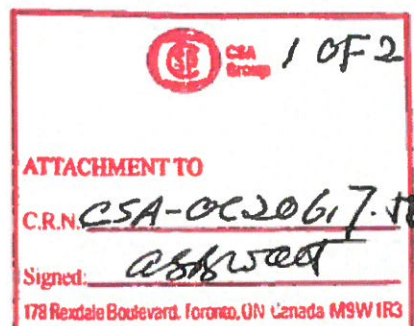
Technical Standards and Safety Authority (TSSA) is pleased to inform you that your submission has been reviewed and registered as follows:

CRN No.: 0C20617.5
Main Design No.: **Diverters and Pull Away Valves** (see the attachment to the Statutory Declaration Form for the scope of registration)
Expiry Date: 15-Aug-2028

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.


Mark Valcic
Engineer Specialist BPV
Tel.: 416-734-3494
Fax: 416-231-6183
Email: mvalcic@tssa.org



Category	System Number	Description	Drawing Number	Body Number	Body Material	Service Pressure
H	DR6110	Diverter	DR6112-1	DR6112-1	Bronze Cast Alloy, UNS C92200, ASTM B61	600
			DR6112-2	DR6112-2	Bronze Cast Alloy, UNS C92200, ASTM B61	600
			DR6113-1	DR6113-1	Bronze Cast Alloy, UNS C92200, ASTM B61	600
			DR6112-4	DR6112-4	FC Brass Rod, UNS C36000, ASTM B16	600
			DR6112-5	DR6112-5	FC Brass Rod, UNS C36000, ASTM B16	600
H	DR6108	Diverter	DR6108-2	BR6108-2	Bronze Cast Alloy, UNS C92200, ASTM B61	600
			DR6108-1	BR6108-1	Bronze Cast Alloy, UNS C92200, ASTM B61	600
			DR6108-9	BR6108-9	FC Brass Rod, UNS C36000, ASTM B16	600
			DR6108-4	BR6108-4	FC Brass Rod, UNS C36000, ASTM B16	600
			DR6108-5	BR6108-5	FC Brass Rod, UNS C36000, ASTM B16	600
H	A2141A6B	Pull Away Valve	A2141A6B	8108-070	1214 Carbon Steel	400
				8108-071	1144 Carbon Steel	400
H	A2141A6LB	Pull Away Valve	A2141A6LB	8711-003	1144 Carbon Steel	400
				8108-068	1144 Carbon Steel	
H	A2141A8LB	Pull Away Valve	A2141A8LB	8711-006	1144 Carbon Steel	400
				8108-070	1214 Carbon Steel	400
				8108-071	1144 Carbon Steel	400
H	A2141A8B	Pull Away Valve	A2141A8B	8108-070	1214 Carbon Steel	400
				8108-071	1144 Carbon Steel	400
H	A2141A16B	Pull Away Valve	A2141A16B	8209-018	1214 Carbon Steel	400
				8209-017	Ductile Cast Iron A536	400
				8209-017	2017-T4/2024-T4 Aluminum	400

ATTACHMENT TO

C.R.N. CSA-0020617.18

Signed: *2888 wsc*

178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

THIS IS PART OF
CRN 0190617.5
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program

Like Aug 13/18

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 19, 2019

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

Service Request Type.: BPV-National MB
Service Request No.: 2381432
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.: 0C20617.54.

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,

Tanya Francis
Administrative Assistant_ BPV Engineering
Tel. : 416-734-3423
Fax : 416-231-6183
Email : tfrancis@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

January 25, 2019

TSSA
345 Carlingview Drive
Toronto, ON
M9W 6N9

Attn: Joanna Karpinski

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
Diverters and Pull Away Valves (See the attachment to the statutory declaration form for the scope of registration)	0C20617.54	39294

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 **August 15, 2028**.*

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, P. Eng.

Engineer

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



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/B31.3

(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** in the **County** of **Alamance, NC**
the **1st** day of **February** AD 20 **18**

Commissioner for Oaths:

Marisa E. Elliott

(Printed name)

Marisa E. Elliott

(Signature)

Chad Thomas

(Signature of Declarer)

MARISA E. ELLIOTT
NOTARY PUBLIC
ALAMANCE COUNTY
NORTH CAROLINA

My commission expires
8/31/2021

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 **C**

CRN: **0C20617.54**

Registered by: **RABIE HARR**

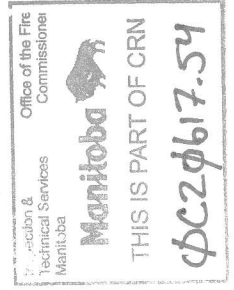
Dated: **2019/01/25**

NOTE: This registration expires on: **Aug 15, 2028**

PV 09553 (06/16)



Category	System Number	Description	Drawing Number	Body Number	Body Material	Service Pressure
H	DR6110	Diverter	DR6112-1	DR6112-1	Bronze Cast Alloy, UNS C92200, ASTM B61	600
			DR6112-2	DR6112-2	Bronze Cast Alloy, UNS C92200, ASTM B61	600
			DR6113-1	DR6113-1	Bronze Cast Alloy, UNS C92200, ASTM B61	600
			DR6112-4	DR6112-4	FC Brass Rod, UNS C36000, ASTM B16	600
			DR6112-5	DR6112-5	FC Brass Rod, UNS C36000, ASTM B16	600
H	DR6108	Diverter	DR6108-2	BR6108-2	Bronze Cast Alloy, UNS C92200, ASTM B61	600
			DR6108-1	BR6108-1	Bronze Cast Alloy, UNS C92200, ASTM B61	600
			DR6108-9	BR6108-9	FC Brass Rod, UNS C36000, ASTM B16	600
			DR6108-4	BR6108-4	FC Brass Rod, UNS C36000, ASTM B16	600
			DR6108-5	BR6108-5	FC Brass Rod, UNS C36000, ASTM B16	600
H	A2141A6B	Pull Away Valve	A2141A6B	8108-070	1214 Carbon Steel	400
				8108-071	1144 Carbon Steel	400
H	A2141A6LB	Pull Away Valve	A2141A6LB	8711-003	1144 Carbon Steel	400
				8108-068	1144 Carbon Steel	
H	A2141A8LB	Pull Away Valve	A2141A8LB	8711-006	1144 Carbon Steel	400
				8108-070	1214 Carbon Steel	400
				8108-071	1144 Carbon Steel	400
H	A2141A8B	Pull Away Valve	A2141A8B	8108-070	1214 Carbon Steel	400
				8108-071	1144 Carbon Steel	400
H	A2141A16B	Pull Away Valve	A2141A16B	8209-018	1214 Carbon Steel	400
				8209-017	Ductile Cast Iron A536	400
				8209-017	2017-T4/2024-T4 Aluminum	400





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

October 18, 2018

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

Service Request Type.: BPV-National ACI Central
Service Request No.: 2381406
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.: 0C20617.59870YTN.

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,

Tanya Francis
Administrative Assistant_ BPV Engineering
Tel. : 416-734-3423
Fax : 416-231-6183
Email : 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: ENGINEERED CONTROLS INTERNATIONAL LLC	
MANUFACTURERS ADDRESS: 100 REGO DRIVE, ELON, NC 27244	
PLANT LOCATION: 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 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting AECB or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION ASME B31.3
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: SEE ATTACHED LISTING	

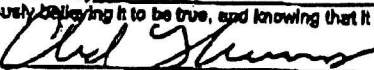
DECLARATION:

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/ULINC as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer:



Declared before me at Engineered Controls International, NC USA

This 1st day of February AD 2019

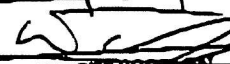
Commissioner of Oaths
or Notary Public: (sign)

Marisa E. Elliott

(Affix Office 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: 0C20617.5	
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.	ACCEPTED PROVINCE OF PRINCE EDWARD ISLAND COMMUNITIES, LAND & ENVIRONMENT C.R.N. 0C20617.59 DATE: Sept 7/18 
INSPECTION SERVICES SECTION BOILER/PRESSURE VESSEL BRANCH	


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 I Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting AECS or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION ASME B31.3
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: SEE ATTACHED LISTING	

DECLARATION:

I **CHAD THOMAS**

(see note 3) employed by **ECL LLC**

and being the person having full authority and responsibility for the quality of the and 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/ULINC** as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: 

Declared before me at **Engineered Controls International, NC** U S E T H

This **1st** day of **February** AD **2018**

Commissioner of Oaths

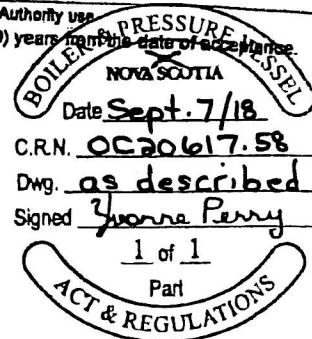
or Notary Public: (sign)

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: OC20617.5	
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.	
Date Sept. 7/18 C.R.N. OC20617.58 Dwg. as described Signed Yvonne Perry 1 of 1 Part ACT & 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: 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 AECS or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION

ASME B31.3

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

REGO®

TYPE OF CONSTRUCTION

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

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

SEE ATTACHED LISTING

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/ULINC 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 International, NC

This 1st day of February AD 2018

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

New Brunswick

DEPT OF JUSTICE PUBLIC SAFETY
BOILER & PRESSURE VESSEL ACT

REGISTRATION ONLY

CRN 0C20617.57

Ben Carson

CHIEF BOILER INSPECTOR

DATE 9/7/2018

CRN: 0C20617.5

FID#: 1704

Notes:

- All fittings shall be registered in the name of the Manufacturer.
- Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.
- The declaration shall be made by the person having full authority and responsibility for the quality of the end product.
- Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.

☐ BLRs

☐ PVs

☒ FITTINGS

☐ NUCLEAR 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 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting AECB or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION ASME B31.3
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: SEE ATTACHED LISTING	

DECLARATION:

I, CHAD THOMAS (see note 2) 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/ULINC 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 International, NC U.S.
 This 1st day of February AD 2018
 Commissioner of Oaths or Notary Public: 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: <u>0020617.5</u>	Newfoundland Labrador Service NL
FID#: <u>1704</u>	Registered <u>0020617.50</u> Date <u>18/09/07</u> Engineering and Inspection Services Registered by <u>[Signature]</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.	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: 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 B31.3

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 LISTING

DECLARATION:

I CHAD THOMAS (see note 2) 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/ULINC 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 International, NC U.S.

This 1st day of February AD 2018

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

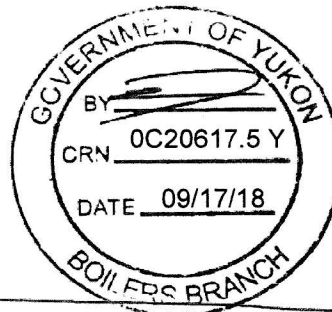
This registration must be revalidated after ten (10) years from the date of acceptance.

CRN: 0020617.5

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: 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 flange plugs H Pressure retaining components that do not fall into one of the above categories I Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting ASME or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION ASME B31.3
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: SEE ATTACHED LISTING	

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 INC** as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: 

Declared before me at **Engineered Controls International, NC** U.S.E.

This **1st** day of **February** AD **2018**

Commissioner of Oaths
or Notary Public: (sign)



(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: **OC20617.5**

FID#: **1704**

Notes:

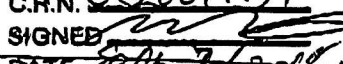
1. All fittings shall be registered in the name of the Manufacturer.
2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.
3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.
4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.

Northwest Territories

REGISTERED

UNDER THE AUTHORITY OF THE BOILER AND PRESSURE VESSEL ACT.

C.R.N. **OC20617.5**

SIGNED 

DATE **20th 7/2018**

10300


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	
<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 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 I Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting AECS or ASME requirements)</p>	<p>TITLE OF THE STANDARD OF CONSTRUCTION</p> <p align="center">ASME B31.3</p>
<p>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</p> <p align="center"></p>	<p>TYPE OF CONSTRUCTION</p> <p>FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER:</p>
<p>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p> <p align="center">SEE ATTACHED LISTING</p>	

DECLARATION:

I, CHAD THOMAS (see note 2) employed by ECLLC 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/ULINC as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

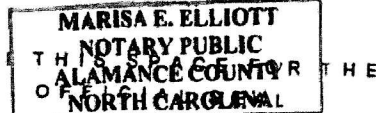
Signature of Declarer: 

Declared before me at Engineered Controls International, NC U.S.

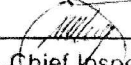
This 16th day of February AD 2018

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

(Affix Official seal to the right)



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>OC20617.5</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>OC 20617.5N</u></p> <p>Date <u>Sept 07, 2018</u></p> <p>Signed  Chief Inspector</p> <p align="center">Territorial Registration Fee</p>
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