



345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel : 416 734 3300
Fax: 416 231 1626
Toll Free: 1 877 682 8772

www.tssa.org

January 09, 2017

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

Service Request Type: BPV-Fitting Registration

Service Request No.: 2000358

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:

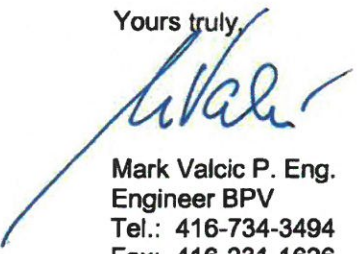
CRN No.: 0H19064.5

Main Design No.: Dwg. No. MVE4D SER Rev. A, Manifold 1.5" Fill.
Expiry Date: 09-Jan-2027

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

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

Yours truly,


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



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

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



STATUTORY DECLARATION

Registration of Fittings

I, **CHAD THOMAS, VP GLOBAL ENGINEERING**

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

of **ENGINEERED CONTROLS INTERNATIONAL, LLC**

(Name of Manufacturer)

Located at **100 REGO DRIVE, ELON, NC - 27244**

(Plant Address)

336-449-7707

(Telephone No.)

(Fax No.)

☒ do solemnly declare that the fittings listed hereunder, which are subject to the **Technical Standards and Safety Act, Boilers and Pressure Vessels Regulation**, comply with all of the requirements of **ASME B31.1**

(Title of recognized North American Standard)

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 **ISO 90001**

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**

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

Commissioner for Oaths:

Marisa E. Elliott

(Printed name)

Marisa E. Elliott

(Signature)

(Signature of Declarant)

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:

019064.5

Registered by:

MARK VALCIC, P.ENG

Dated:

JAN 9, 2017

NOTE: This registration expires on:

JAN 9, 2017

FOR OFFICE USE ONLY

NOTE: MVE4D MANIFOLD 1.5" FILL

SEE THE ATTACHMENT FOR THE SCOPE OF REGISTRATION

MARISA E. ELLIOTT
NOTARY PUBLIC
ALAMANCE COUNTY
NORTH CAROLINA

MY COMMISSION EXPIRES 8/31/2021

Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety Program

REREGISTERED

019064.5

C.R.N.

JAN 9, 2017

Signed:

Mark Valcic

Category	System Number	Description	Drawing Number	Body Number	Body Material	Service Pressure
H	MVE4D	Manifold	450154	450154	Stainless Steel Pipe, ASTM A249, TP304L	600
			450043	450043	FC Brass, UNS C36000, ASTM B16	600
			2227-25	2227-25	FC Brass, UNS C36000, ASTM B16	600
			450153	450153	FC Brass, UNS C36000, ASTM B16	600
			450059	450059	Stainless Steel Pipe, ASTM A249, TP304L	600
			450151	450151	Stainless Steel Pipe, ASTM A249, TP304L	600
			1337C-22 SER	1337C-22 B, C	Stainless Steel Pipe, ASTM A249, TP304L	600
			1337-53	1337-53	Stainless Steel Pipe, ASTM A249, TP304L	600
			1337B-22 SER	1337B-22B	Stainless Steel Pipe, ASTM A312, TP304L	600
			1337B-62A	1337B-62A	Stainless Steel Pipe, ASTM A249, TP304L	600
			B-8400-12C	B-8400-12SE	Bronze Cast Alloy, UNS C92200, ASTM B61	600
			B-9407-1C	B-9408ST-1	Bronze Cast Alloy, UNS C92200, ASTM B61	600
			B-9403-1C	B-9404ST-2	Bronze Cast Alloy, UNS C92200, ASTM B61	600
			B-8412-11	B-8412-11	Stainless Steel Pipe, ASTM A249, TP304L	600
			BK9450-8	BK9450-8	FC Brass, UNS C36000, ASTM B16	600
			B-9402-10	B-9402-10	Stainless Steel Pipe, ASTM A249, TP304L	600

THIS IS PART OF
CRN 0119064-5
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program
Mike Jones 9/17



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

March 13, 2017

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

Service Request Type.: BPV-National BC
Service Request No.: 2013126
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.: 0H19064.51.

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

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

Yours truly,

Joanna Karpinski

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



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

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

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

Date: February 6, 2017
Account #: 35231
Journal #: 67256
Our File #: 5611163

Attn: TANYA FRANCIS

Re: Application for Design Registration

The design, as detailed in your, TSSA SR# 2013126, for a Fitting is accepted for registration as follows:

Registered To: ENGINEERED CONTROLS INTERNATIONAL LLC
CRN: 0H19064.51

MAWP: 600 psig

Drawing #: MVE4D

Drawing Revision: A

Conditions Of Registration:

Registration of a Manifold 1.5" Fill per scope & dwg sheet (att'd 2 pgs).

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

Reviewer's Notes:

As required by CSA B51 4.2.1, this registration expires on January 09, 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	MVE4D	Manifold	450154	450154	Stainless Steel Pipe, ASTM A249, TP304L	600
			450043	450043	FC Brass, UNS C36000, ASTM B16	600
			2227-25	2227-25	FC Brass, UNS C36000, ASTM B16	600
			450153	450153	FC Brass, UNS C36000, ASTM B16	600
			450059	450059	Stainless Steel Pipe, ASTM A249, TP304L	600
			450151	450151	Stainless Steel Pipe, ASTM A249, TP304L	600
			1337C-22 SER	1337C-22 B, C	Stainless Steel Pipe, ASTM A249, TP304L	600
			1337-53	1337-53	Stainless Steel Pipe, ASTM A249, TP304L	600
			1337B-22 SER	1337B-22B	Stainless Steel Pipe, ASTM A249, TP304L	600
			1337B-62A	1337B-62A	Stainless Steel Pipe, ASTM A312, TP304L	600
			B-8400-12C	B-8400-12SE	Stainless Steel Pipe, ASTM A249, TP304L	600
			B-9407-1C	B-9408ST-1	Bronze Cast Alloy, UNS C92200, ASTM B61	600
			B-9403-1C	B-9404ST-2	Bronze Cast Alloy, UNS C92200, ASTM B61	600
			B-8412-11	B-8412-11	Stainless Steel Pipe, ASTM A249, TP304L	600
			BK9450-8	BK9450-8	FC Brass, UNS C36000, ASTM B16	600
			B-9402-10	B-9402-10	Stainless Steel Pipe, ASTM A249, TP304L	600

THIS IS PART OF
CRN 019064.5
 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program



Wade Jan 9/17



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

July 18, 2017

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

Service Request Type.: BPV-National AB
Service Request No.: 2013106
Your Reference No.:
Registered to.: ENGINEERED CONTROLS INTERNATIONAL LLC
ONT CRN: 0H19064.5

Dear CHAD THOMAS,

Please find enclosed the original response from AB, registered under the CRN No.: 0H15882.2.

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

June 16, 2017

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

Email: tfrancis@tssa.org

The design submission, tracking number 2017-00501, originally received on January 27, 2017 was surveyed and accepted for registration as follows:

CRN : 0H15882.2

Accepted on: June 16, 2017

Reg Type: New Design

Expiry Date: June 16, 2027

Drawing No. : MVE4D SER Rev A

Fitting type: 1.5" MANIFOLD

Design registered in the name of : ENGINEERED CONTROLS INTERNATIONAL LLC

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

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

TSSA Service Request No.: 2013106

This registration includes the following drawings:

Assembly & sub-assembly drawings: MVE4D SER Rev A, C-11827450 Sheets 1 & 2 Rev B, 450110 SER Rev A, 450150A SER Rev A, 450155 SER Rev A, 1332SS-6A SER Rev A, BKA8412-KITU Rev F, B-8412-10 Rev B, BK9450R-KITU Rev D, B-9404-KITU Rev E, B-9402-5 Rev B, B-9408-KITU Rev E, and B-9408-6 Rev B.

Part drawings: 450154 Rev A, 2227-21 Rev B, 450039 Rev A, 450043 Rev D, 450044 Rev C, 2227-25 Rev C, 450153 Rev A, STR2 Rev A, 450059 Rev A, 450151 Rev B, 1337C-22 SER Rev B, 1337-53 Rev B, 1337B-22 SER Rev A, 1337-62A Rev A, B-8400-12SE SER Rev D, B-8400-12C Rev D, B-9408ST-1 Rev A, B-9407-1C Rev G, B-9404ST-2 Rev C, B-9404ST-1 Rev C, B-9403-1C Rev F, B-8412-11 Rev E, BK9450-8 Rev C, and B-9402-10 Rev E.

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

June 16, 2017

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

This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form.

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

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

Enclosed are stamped prints for your reference.

Sincerely,



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

**STATUTORY DECLARATION
Registration of Fittings**

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

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



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

- ☐ comply with the requirements of _____ which specifies the dimensions,
(title of recognized North American Standard)
materials of construction, pressure/temperature ratings and identification marking of the fittings, or
- ☒ are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with ASME B 31.3 as supported by the attached
(title of code of construction or other applicable document)
data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

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

(brief description of fittings)

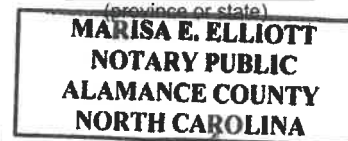
In support of this application, the following information, calculations and/or test data are attached:

See attached list

DECLARED before me at Elon in the County of Alamance, NC
(city) (province or state)
this 1st day of June, 2017
(Month) (Year)

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

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



my commission expires
8/31/2021

Chad M. Thomas
(signature of applicant)

For ABSA Office Use Only:

NOTES: _____

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Clause 4.2, and is accepted for registration in Category H

Registration Number: 0H15882.2 Heidi Rushoff
(Signature of the Administrator/SCO)

Date Registered: JUN 16 2017 Expiry Date: Jun 16 2027

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

Category	System Number	Description	Drawing Number	Body Number	Body Material	Service Pressure
H	MVE4D	Manifold	450154	450154	Stainless Steel Pipe, ASTM A249, TP304L	600
			450043	450043	FC Brass, UNS C36000, ASTM B16	600
			2227-25	2227-25	FC Brass, UNS C36000, ASTM B16	600
			450153	450153	FC Brass, UNS C36000, ASTM B16	600
			450059	450059	Stainless Steel Pipe, ASTM A249, TP304L	600
			450151	450151	Stainless Steel Pipe, ASTM A249, TP304L	600
			1337C- 22 SER	1337C-22 B, C	Stainless Steel Pipe, ASTM A249, TP304L	600
			1337-53	1337-53	Stainless Steel Pipe, ASTM A249, TP304L	600
			1337B-22 SER	1337B-22B	Stainless Steel Pipe, ASTM A312, TP304L	600
			1337B-62A	1337B-62A	Stainless Steel Pipe, ASTM A249, TP304L	600
			B-8400-12C	B-8400-12SE	Bronze Cast Alloy, UNS C92200, ASTM B61	600
			B-9407-1C	B-9408ST-1	Bronze Cast Alloy, UNS C92200, ASTM B61	600
			B-9403-1C	B-9404ST-2	Bronze Cast Alloy, UNS C92200, ASTM B61	600
			B-8412-11	B-8412-11	Stainless Steel Pipe, ASTM A249, TP304L	600
			BK9450-8	BK9450-8	FC Brass, UNS C36000, ASTM B16	600
			B-9402-10	B-9402-10	Stainless Steel Pipe, ASTM A249, TP304L	600
			B-9408-KITU	B-9402-10	Stainless Steel Pipe, ASTM A249, TP304L	600
			450044	450044	FC Brass, UNS C36000, ASTM B16	600
			450039	450039	Brass Forge, UNS C37700, ASTM A283	600
			STR2	STR2	FC Brass, UNS C36000, ASTM B16	600
			2227-21	2227-21	FC Brass, UNS C36000, ASTM B16	600

Service Request # 2000358

ABSA
SAFETY CODES ACT - PROVINCE OF ALBERTA
REGISTRATION OF FITTINGS
REGISTRATION NO. **0H15882.2**
DWG. NO. or CAT. NO. **MVE4D SER Rev A**
TYPE OF FITTINGS **1.5" Manifold**
JUN 16 2017 INITIALS **Keith Rudolf**
Date **KEITH RUDOLF, P.Eng.**
DESIGN SURVEY ENGINEER



To:	TSSA	From:	Janet Townsend
Company:	Engineered Controls International, LLC.	Phone:	416-747-4291
Pages:	9	Location:	Toronto
Our File:	ANR-4418	Date:	March 22, 2017

Your File: 2013132

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-0H19064.56.

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: CSA-041906456

Registration Process administered by
CSA Group per CSA B51

Technical Review performed per CSA B51
Performed by: ANRIC Enterprises Inc.

Signed: ASB

Date: 16 March 2017



Saskatchewan
Municipal
Government

Saskatchewan

Procedural Services
330 - 1855 Victoria Avenue
Regina, Saskatchewan
S4P 3V7

787-4500

April 23, 1998

Re: Fittings Registration

The Province of Saskatchewan will be participating with Quebec, Manitoba and the Canadian Standards Association (CSA) in a pilot project for the registration of fittings. We will recognize registrations done by CSA and accept such fittings for use in Saskatchewan.

The letters CSA will be applied as a prefix to the CRN to indicate which fittings have been registered in this manner. I would appreciate if you could inform your clients of this additional marking requirement.

You may also inform your clients that fittings registered by CSA are accepted for use in Saskatchewan.

Yours truly,

N. Surtees, P. Eng.
Executive Director



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

May 04, 2017

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

Service Request Type.: BPV-National MB
Service Request No.: 2013138
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.: 0H19064.54.

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

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

Yours truly,

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



Inspection and Technical Services Manitoba

508 - 401 York Avenue

Winnipeg Manitoba R3C 0P8

T (204) 945-3373

F (204) 948-2309

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

April 7, 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
MVE4D SER REV.A MANIFOLD 1.5" FILL	0H19064.54	37493

An invoice covering survey and registration fees is enclosed.

NOTE: CRN registered under reciprocal agreement & is conditional based on compliance with the notes set by the original issuing Jurisdiction: **TSSA**. This registration expires **January 9, 2027**.

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

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

Regards,

Ryan Orlesky, C.E.T.

Design Surveyor

Office of the Fire Commissioner

Inspection and Technical Services Manitoba

508 - 401 York Avenue

Winnipeg, Manitoba, R3C 0P8

Phone: 204-945-3373

Email: ryan.orlesky@gov.mb.ca



Technical Standards and Safety Authority
3415 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**

(Print 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 **Carnty** of **Alamance, NC** the **11th** day of **December** AD 20 **16**.

Commissioner for Oaths:

Marisa E. Elliott

(Printed name)

Maria E. Elliott

(Signature)

Chad Thomas

(Signature of Declarer)

FOR OFFICE USE ONLY

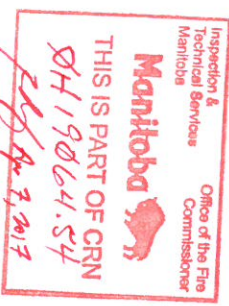
To the best of my knowledge and belief, the application meets the requirements of the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category **H**

CRN: **0419064.54**

Registered by: **KMAN ORESKY**

Dated: **April 7, 2017**

NOTE: This registration expires on: **JAN 9, 2027**



MARISA E. ELLIOTT
NOTARY PUBLIC
ALAMANCE COUNTY
NORTH CAROLINA

My Commission Expires 8/31/2024



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

Category	System Number	Description	Drawing Number	Body Number	Body Material	Service Pressure
H	MVE4D	Manifold	450154	450154	Stainless Steel Pipe, ASTM A249, TP304L	600
			450043	450043	FC Brass, UNS C36000, ASTM B16	600
			2227-25	2227-25	FC Brass, UNS C36000, ASTM B16	600
			450153	450153	FC Brass, UNS C36000, ASTM B16	600
			450059	450059	Stainless Steel Pipe, ASTM A249, TP304L	600
			450151	450151	Stainless Steel Pipe, ASTM A249, TP304L	600
			1337C-22 SER	1337C-22 B, C	Stainless Steel Pipe, ASTM A249, TP304L	600
			1337-53	1337-53	Stainless Steel Pipe, ASTM A249, TP304L	600
			1337B-22 SER	1337B-22B	Stainless Steel Pipe, ASTM A249, TP304L	600
			1337B-62A	1337B-62A	Stainless Steel Pipe, ASTM A312, TP304L	600
			B-8400-12C	B-8400-12SE	Stainless Steel Pipe, ASTM A249, TP304L	600
			B-9407-1C	B-9408ST-1	Bronze Cast Alloy, UNS C92200, ASTM B61	600
			B-9403-1C	B-9404ST-2	Bronze Cast Alloy, UNS C92200, ASTM B61	600
			B-8412-11	B-8412-11	Stainless Steel Pipe, ASTM A249, TP304L	600
			BK9450-8	BK9450-8	FC Brass, UNS C36000, ASTM B16	600
			B-9402-10	B-9402-10	Stainless Steel Pipe, ASTM A249, TP304L	600





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

January 25, 2017

Minister of Finance-Prov of Manitoba

BPV-National MB
Service Request No.: 2013138

Dear Sir/Madam,

Please find enclosed an application for design registration in the province(s) of MB, for the following submission on behalf of ENGINEERED CONTROLS INTERNATIONAL LLC.

CRN No.: 0H19064.5

Main Design No.: Dwg. No. MVE4D SER Rev. A, Manifold 1.5" Fill

The following documents are included:

- § Request for Registration (Covering Letter and/or Application)
- § Certified 'True Copy' Statutory Declaration Form
- § Proof of Registration in Ontario
- § Design and/or Catalogue
- § Certificate of Authorization (Quality Certificate Program)

Upon completion of registration, please fax or e-mail registered Statutory Declaration Form and/or Registration Letter to 416.231.6183 and then forward the original Statutory Declaration Form and invoice by mail to Technical Standards and Safety Authority (TSSA).

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

Yours truly,

Joanna Karpinski

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



Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Fax: 416.231.6163
Customer Service: 1.877.682.8772
www.tssa.org

National Design Registration Application for a CRN

Technical Standards and Safety Act
Boilers and Pressure Vessels Regulation

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

Please indicate the type of design: ☐ Boiler ☐ Pressure Vessel ☒ Fitting
Existing CRN: (if applicable)

INTAKE GROUP
Date: 2000358-001
SR #: 2000362-001
Agent: 2000362-001

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.: MVE40	Section B: Invoicee Company Name: Address: City/Town: Province/State: Postal/Zip Code: Country: Telephone: Fax: Contact Name: E-mail: Purchase Order No.:	Section C: Owner of Design/CRN same as: <input checked="" type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> D Acct/Cust No.: 2000358-001	Section D: Manufacturer (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"/> British Columbia <input checked="" type="checkbox"/> Alberta <input checked="" type="checkbox"/> Saskatchewan <input checked="" type="checkbox"/> Manitoba <input checked="" type="checkbox"/> Quebec <input checked="" type="checkbox"/> New Brunswick <input checked="" type="checkbox"/> Nova Scotia <input checked="" type="checkbox"/> Prince Edward Island <input checked="" type="checkbox"/> Newfoundland and Labrador <input checked="" type="checkbox"/> Yukon <input checked="" type="checkbox"/> Northwest Territories <input checked="" type="checkbox"/> Nunavut	Deposit included: <input type="checkbox"/> CDN \$600.00 - Ontario and up to 2 additional provinces <input checked="" type="checkbox"/> CDN \$1,200.00 - Ontario and 3 or more additional provinces Cheque No. Amount \$ (Deposit to be applied to the incurred fees when all jurisdictions are complete - any charges over and above deposit amount will be invoiced at that time.)
--	--

Return mail address: ☐ A ☐ B ☐ C Optional: Courier Collect Courier name: Account No.:
Signed: [Signature] Date (mm/dd/yyyy): 12/16/2016
Date: (mm/dd/yyyy) Reviewing Engineer: CRN Issued:
PV 09557 (06/16)



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

March 31, 2017

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

Service Request Type.: BPV-National ACI Central
Service Request No.: 2013116
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.: 0H19064.59870YTN.

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

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

Yours truly,


Joanna Karpinski

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

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUTNOVA SCOTIA
YUKONPRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: 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 I 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 B31.1
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 checked="" 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: Chad ThomasDeclared before me at Engineered Controls Intl / ElonThis 19th day of December AD 2016

Commissioner of Oaths

or Notary Public: (sign) Marisa E. Elliott

(Affix Official seal to the right)


MARISA E. ELLIOTT
 U S E T NOTARY PUBLIC FOR THE
 ALAMANCE COUNTY AL
 NORTH CAROLINA
 My Commission Expires 8/31/2016

This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>0H19064.5</u> FID#: <u>1704</u>	ACCEPTED PROVINCE OF PRINCE EDWARD ISLAND COMMUNITIES, LAND & ENVIRONMENT C.R.N. <u>0H19064.59</u> DATE: <u>Feb 3 2017</u> <u>James McCabe</u> INSPECTION SERVICES SECTION BOILER / PRESSURE VESSEL BRANCH
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
NUNAVUTNOVA SCOTIA
YUKONPRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

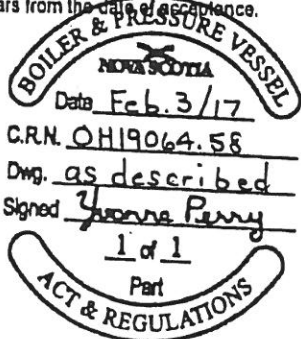
MANUFACTURERS NAME: ENGINEERED CONTROLS INTERNATIONAL. LLC	
MANUFACTURERS ADDRESS: 100 REGO DRIVE, ELON, NC-27244	
PLANT LOCATIONS: SAME AS ABOVE	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers 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 fuel gas 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 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 <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER:
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: SEE ATTACHED LISTING	

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Signature of Declarer: Chad Thomas
 Declared before me at Engineered Controls Intl / Elon
 This 19th day of December AD 2016
 Commissioner of Oaths
 or Notary Public: (sign) Marisa E. Elliott
 (Affix Official seal to the right)

MARISA E. ELLIOTT
 U S E T NOTARY PUBLIC FOR THE
 ADVANCE EQUITY A L
 NORTH CAROLINA
 My Commission Expires 8/31/2016

This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>OH19064.5</u>	
FID#: <u>1704</u>	
Notes:	
1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	


UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: 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 B31.1
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Signature of Declarer: Chad Thomas

Declared before me at Engineered Controls Int'l/Elon
This 19th day of December AD 2016

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

(Affix Official seal to the right)

MARISA E. ELLIOTT
USE T **NOTARY PUBLIC** FOR THE
ADAMANCE COUNTY A L
NORTH CAROLINA
my commission expires 8/31/2016

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---	--

DATE: Feb 3, 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	
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Signature of Declarer: Chad Thomas

Declared before me at Engineered Controls Int'l / Elon

This 19th day of December AD 2016

Commissioner of Oaths

or Notary Public: (sign) Marisa E. Elliott

(Affix Official seal to the right)

MARISA E. ELLIOTT
USE T NOTARY PUBLIC FOR THE
ADAMANCE COUNTY A L
NORTH CAROLINA

my commission expires 8/31/2018

This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>OH19064.5</u> FID#: <u>1704</u>	Registered <u>OH19064.50</u> Date <u>12/02/03</u> Engineering and Inspection Services Registered by <u>[Signature]</u> UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULATION
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 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 B31.1
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:

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Signature of Declarer: Chad Thomas


Declared before me at Engineered Controls Int'l / Elon

This 19th day of December AD 2016

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

(Affix Official seal to the right)

MARISA E. ELLIOTT
 U S E T **NOTARY PUBLIC** FOR THE
ADAMANCE COUNTY A L
NORTH CAROLINA
 my commission expires 8/31/2016

This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>0H19064.5</u>	
FID#: <u>1704</u>	
Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	


UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
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NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

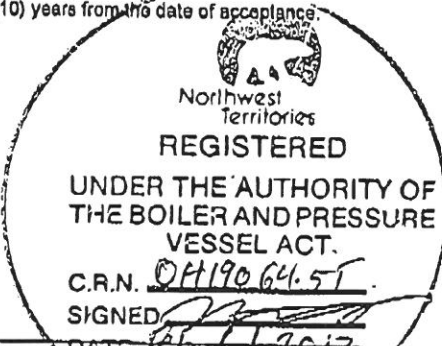
MANUFACTURERS NAME: ENGINEERED CONTROLS INTERNATIONAL, LLC	
MANUFACTURERS ADDRESS: 100 REGO DRIVE, ELON, NC-27244	
PLANT LOCATIONS: SAME AS ABOVE	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers 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 B31.1
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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:	
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Signature of Declarer: Chad M. Thomas
 Declared before me at Engineered Controls Intl / Elon
 This 19th day of December AD 2016
 Commissioner of Oaths or Notary Public: (sign) Marisa E. Elliott
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MARISA E. ELLIOTT
 USE NOTARY PUBLIC FOR THE
 ALAMANCE COUNTY A U
 NORTH CAROLINA
 My Commission Expires 8/31/2016

This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance. CRN: <u>OH19064.5</u> FID#: <u>1704</u> Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	
---	--

963.00


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: 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 B31.1
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 checked="" type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER:
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: SEE ATTACHED LISTING	

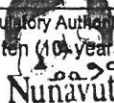
DECLARATION:

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: Chad Thomas
 Declared before me at Engineered Controls Int'l / Elon
 This 19th day of December AD 2016
 Commissioner of Oaths or Notary Public: (sign) Marisa E. Elliott
 (Affix Official seal to the right)

MARISA E. ELLIOTT
 U S E T **NOTARY PUBLIC** F O R T H E
ADAMANCE COUNTY A L
NORTH CAROLINA

my commission expires 8/31/2018

This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance. CRN: <u>OH19064.5</u> FID#: <u>1704</u> Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	 Nunavut Pressure Vessels Act REGISTERED CRN <u>OH 19064.5N</u> Date <u>Feb 03, 2017</u> Signed <u>[Signature]</u> Chief Inspector Territorial Registration Fee
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