

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 Certingview 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	
, CHAD THOMAS, VP GLOBAL ENGINEERING	
(Name and Posttion, 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) (Telephone No.) (Fax No.)	x No.)
ASME B31.1	fety Act, Boilers
(Title of recognized North American Standard) Which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;	s and service;
or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with assure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.	d to comply with al of construction, ce.
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	1000001
The items covered by this declaration, for which I seek registration, are category "H" type fittings. In su this application, the following information and/or test data are attached as follows:  SEE ATTACHED LIST	type fittings. In support of
(drawings, calculations, lest reports, etc.)	
Decisived before me at Engineed Controls Introl/610th me COUNTY or Alamanic the 19th day or December as 20 16	MANIC
Marisa E. Elliot Marisa E. Elliot Manda E. Elliot	1
(Signature)	-

ALAMANCE COUNTY MARISA E. ELLIOTT NOTARY PUBLIC NORTH CAROLINA

ny cummission expires \$/31/2021

Safety Prog

Standards and Safety Authority

To the best of my knowledge and belief, the application meets the requirements of the Technical Standards and #faty Act. Bollers and Pressure Vessels Regulation, and

CSA Standard B51 and is

Registered by:

CRN

Dated:

FOR OFFICE USE ONLY

Pressure

4N9, 2027

NOTE: This registration expires on:

Number         Description         Drawing Number         Body Number         Body Material           MVEAD         450154         450154         450154         Stainless Steel Pipe, ASTM A249, TP304L           450043         450043         450043         FC Brass, UNS C36000, ASTM B16           450153         450059         450153         FC Brass, UNS C36000, ASTM B16           450151         450059         450059         Stainless Steel Pipe, ASTM A249, TP304L           1337C-22 SER         1337C-22 B, C         Stainless Steel Pipe, ASTM A249, TP304L           1337B-22 SER         1337B-22 B         Stainless Steel Pipe, ASTM A249, TP304L           1337B-62A         1337B-62A         Stainless Steel Pipe, ASTM A249, TP304L           B-9407-1C         B-9408-11         Stainless Steel Pipe, ASTM A249, TP304L           B-9403-1C         B-9408-11         Bronze Cast Alloy, UNS C92200, ASTM B61           B-9403-1C         B-9404ST-2         Bronze Cast Alloy, UNS C92200, ASTM B61           B-9402-10         B-9402-10         Stainless Steel Pipe, ASTM A249, TP304L           Stainless Steel Pipe, ASTM B61         B-9403-1C         B-9403-1C           B-9403-1C         B-9403-1C         B-9403-1C           B-9403-1C         B-9403-1C         B-9403-1C           B-9403-1C	Laregory	Ŧ																		
Drawing Number         Body Number           450154         450154           450043         450043           2227-25         2227-25           450153         450153           450059         450059           450151         450151           1337C-22 SER         1337C-22 B, C           1337B-22 SER         1337B-22 B, C           1337B-22 SER         1337B-22 B, C           1337B-22 SER         1337B-22 B, C           1337B-62A         1337B-62A           B-8400-12C         B-8400-12SE           B-9403-1C         B-9408ST-1           B-9403-1C         B-9404ST-2           B-8412-11         B-8412-11           BK9450-8         BK9450-8           B-9402-10         B-9402-10	Number	MVE4D																		
8ody Number  450154 450043 2227-25 450153 450059 450151 1337C-22 B, C 1337-53 1337B-22B 1337B-62A B-8400-125E B-94085T-1 B-94045T-2 B-8412-11 BK9450-8 B-9402-10	Description	Manifold																		
	Drawing Number	450154	AEOOAS	CHOOCE	2221-25	450153	450059	450151	מזיר הרבים	V3C 27 2EV	T33/-33	133/B-22 SER	1337B-62A	B-8400-12C	R-9407-16	R-0/00 10	0000	B-8412-11	BK9450-8	B-9402-10
Stainless Steel Pipe, ASTM A249, TP304L FC Brass, UNS C36000, ASTM B16 Stainless Steel Pipe, ASTM A249, TP304L Bronze Cast Alloy, UNS C92200, ASTM B61 Bronze Cast Alloy, UNS C92200, ASTM B61 Bronze Cast Alloy, UNS C92200, ASTM B61 Stainless Steel Pipe, ASTM A249, TP304L FC Brass, UNS C36000, ASTM B16 Stainless Steel Pipe, ASTM A249, TP304L FC Brass, UNS C36000, ASTM B16	Body Number	AEOAEA	#CTOC#	450043	2227-25	450153	AEOOEO	40000	TCTOC#	133/C-22 B, C	1337-53	1337B-22B	1337R-624	R-SADO 10CF	20000	T-1conte-a	D-940451-2	B-8412-11	BK9450-8	B-9402-10
	Rody Material	soay material	Stainless Steel Pipe, ASTM A249, TP304L	FC Brass, UNS C36000, ASTM B16	FC Brass LINE COCOON ACTIVATION	EC Bross LINE COCOUD, AS IM B16	C DI 435, UNS C36000, ASTM B16	Stainless Steel Pipe, ASTM A249, TP304L	Stainless Steel Pipe, ASTM A249, TP304L	Stainless Steel Pipe, ASTM A249, TP3041	Stainless Steel Pine ASTM ADAG TOOM	Stainless Steel Ding Active and The Stain	Striple Stripe, ASIM A312, 1P304L	Stainless Steel Pipe, ASTM A249, TP304L	Bronze Cast Alloy, UNS C92200, ASTM B61	Bronze Cast Alloy, UNS C92200, ASTM B61	Bronze Cast Alloy, UNS C92200, ASTM R61	Stainless Steel Pine ASTM A249 TB2041	FC Brass TING COCOO ACTA TO 19304L	Stainless Steel Ding ASTM AND TOO





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: Februa

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:

		44		Т	T	_	1	Т	_	_	_	_	_		_	_	_	_	
	Service	Pressure	900	009	009	009	009	900	900	900	009	009	009	009	009	900	009	009	
	Body Material	Stainless Staal ni	FC Bross 1 MS 6250	FC Brass, UNS C36000, ASTM B16	EC Bross, UNS C36000, ASTM B16	Stainless Starles	Stainless Steel Pipe, ASTM A249, TP304L	Stainless Steel Pipe, ASTM A312, TP304L	Brozze Committee ASTM A249, TP304L	Brozze Cast Alloy, UNS C92200, ASTM B61	Bropze Cast Allow, UNS C92200, ASTM B61	Stainless Stainless Course Stainless	FC Brass Time Coccoo	Stainless Steel Big Activities	They ASIM A249, TP304L				
Don't live	pody Number	450154	450043	2227-25	450153	450059	450151	1337C-22 B. C	1337-53	1337B-22R	1337B-62A	B-8400-125F	B-9408ST-1	B-9404ST-2	B-8412-11	BK9450-8	B-9402-10		
Drawing Number		450154	450043	2227-25	450153	450059	450151	1337C- 22 SER	1337-53	1337B-22 SER	1337B-62A	B-8400-12C	B-9407-1C	B-9403-1C	B-8412-11	BK9450-8	B-9402-10		
Description	Manifold	Dioliliaivi																	
System	MVE4D																		
Category	Ŧ																		







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

9410 - 20 Ave N.W.

Edmonton, Alberta, Canada T6N 0A4

Tel: (780) 437-9100 / Fax: (780) 437-7787

June 16, 2017

Attention: Tanya Francis

Email:tfrancis@tssa.org

TECHNICAL STANDARDS & SAFETY AUTHORITY

345 CARLINGVIEW DRIVE TORONTO, ON M9W 6N9

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.

9410 - 20 Ave N.W. Edmonton, Alberta, Canada T6N 0A4

Tel: (780) 437-9100 / Fax: (780) 437-7787

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.

Neill Rudolf

SCO Cert. No. D00008862





## STATUTORY DECLARATION Registration of Fittings

l,	Chad Thomas	V.P of Eng	ineering		manufacturer's logo as it will appear on the	or trademark
of	(name of applicant) Engineered Controls Internat		nust be in a position of a	authority)	DEC	<b>A</b>
-	(name	e of manufacturer)	JSA		KEU	
	olemnly declare that the fittings lister ck one)	•	ch are subject to th	ne Safety Co	des Act	
	comply with the requirements of	title of recognized No	orth American Standard		cifies the dimensi	ons,
	materials of construction, pressu			•	g of the fittings, or	r
×	are not covered by the provisions	of a recognized	North American st	andard and	are therefore man	ufactured
	to comply with ASME				upported by the a	ttached
	data which identifies the dimension		r applicable document) construction_press		ature ratings and t	he basis
	for such ratings, and the marking		•			
l furtl	her declare that the manufacture of	-		lity control pr	ogram which has	been
	ed by the following authority, ISO				•	
	gs to the stated standard. The fitting					
Cat	egory "H"					
	pport of this application, the following attached list	rief description of fitti ng information, ca	- /	est data are	attached:	
DEC	LARED before me at Elon (city)	in the _	Country	of Ma	mance, NC	
this	1St day of Ju	onth)	2017 (Year)	NO:	SA E. ELLIOTT FARY PUBLIC ANCE COUNTY	my commission expires 8/31/2021
(prir	(a Commissioner of Oaths or Notary F	ublic)	1	/ NOR	TH CAROLINA	] 8/31/2021
(sign	) Wawa C. Clust (a Commissioner of Oaths or Notary F	Nublic)	Cho	(signature of	applicant)	
For A	ABSA Office Use Only:					
NOT	ES:					- 122
	ne best of my knowledge and belief, dard B51, Clause 4.2, and is accept			ents of the S	Safety Codes Act a	and CSA
Regi	stration Number: UH 1 5 8	82.2	Meth	Rushy	Administrator/SCO)	
Date	Registered: JUN 1 6 201	7	Expiry Date:		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.

Body Number Body Material 450154 Stainless Steel Pipe, ASTM A249, TP304L
2227-25 FC Brass, UNS C36000, ASTM B16
450153 FC Brass, UNS C36000, ASTM B16
450059 Stainless Steel Pipe, ASTM A249, TP3041
450151 Stainless Steel Pipe, ASTM A249, TP3041
1337C-22 B, C Stainless Steel Pipe, ASTM A249, TP304L
1337-53 Stainless Steel Pipe, ASTM A249, TP3041
13378-228 Steel Pipe, ASTM A312, TP304L
1337B-62A Stainless Steel Pipe, ASTM A249, TP304L
B-8400-12SE Bronze Cast Alloy, UNS C92200, ASTM B61
B-9408ST-1 Bronze Cast Alloy, UNS C92200, ASTM B61
B-9404ST-2 Bronze Cast Alloy, UNS C92200, ASTM B61
B-8412-11 Stainless Steel Pipe, ASTM A249, TP304L
BK9450-8 FC Brass, UNS C36000, ASTM B16
B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L
B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L
450044 FC Brass, UNS C36000, ASTM B16
450039 Brass Forge, UNS C37700, ASTM A283
FC Brass, UNS C36000, ASTM B16
2227-21 FC Brass, UNS C36000, ASTM B16

Service Request # 2000358

SAFETY CODES ACT - PROVINCE OF ALBERTA REGISTRATION OF FITTINGS

REGISTRATION NO. OH 1 5 8 8 2 . 2

DWG. NO. OF CAT. NO. MVE 4D SER REU A

TYPE OF FITTINGS 1.5" Mah.; fold

JUN 1 6 2017 INITIALS MAKE MAKETH RUDOLF, RENG.

Date

Date

Date



То:	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

Janet Townsend

Account Manager

**CSA Group** 

REGISTERED CRN.C5A-041900456 Registration Process administered by CSA Group per CSA B51 Technical Review performed per CSA B51 Performed by: ANRIC Enterprises Inc.

Signed:

16moses 2017

Date:

Saskatchewan



Pronocion Bervios
330 - £255 Victoria Avenu
Regios, Sankalobewen
542 3 77

787-4509

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.

N. Surtege, P. Eng. Executive Director

Yours truly,



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 345 Carlingview Drive Toronto, Ontario M9W 6N9

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



## CHAD THOMAS, VP GLOBAL ENGINEERING STATUTORY DECLARATION Registration of Fittings

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

			-			-
or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.	(Title of recognized North American Standard)  Which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and sensing:	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	(Plant Address)	Located at 100 REGO DRIVE, ELON, NC - 27244	(Name of Manufacturer)	of ENGINEERED CONTROLS INTERNATIONAL, LLC
dard and are therefore mar nich identifies the dimension the fitting for identification a	rd) ratings, identification marking	the Technical Standards	(Telephone No.)	336-449-7707		
nufactured to comply with s, material of construction, and service.	the fittings and service.	and Safety Act, Boilers	(Fax No.)			

which has been verified by the following authority. UNDERWRITERS LABORATORY INC.	I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of
	SO90001

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

(drawings, calculations, test reports, etc.)

Declared before me at
En
muded (untr
pls, In
主
Z
n the
County
ا م
Alamance, NC

Commissioner for Oaths:

name) C. Elliott	(Ciama)	Mariou S	(Printed	MAYISM E
		Clearly	name)	· Elliott

FOR OFFICE USE ONLY

Technical Services
Manitobs

Office of the Fire Commissioner

(8ignature of Declarer)

THIS IS PART OF CRIN

Manitoba 3

DH 19064.54

Bu 7 7017

CRN: CSA Standard B51 and is accepted for registration in Category Technical Standards and Safety Act, Boilers and Pressure Vessels Regulation, and CCA Standard RE1 and is accorded for registration in Category To the best of my knowledge and belief, the application meets the requirements of the 0419064.54

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

NOTE: This registration expires on: 2017

> my commission expres 8/31/2021 ALAMANCE COUNTY MARISA E. ELLIOTT NORTH CAROLINA NOTARY PUBLIC

PV 09553 (06/16)

Dated:

Registered by:

RYAN ORLESKY

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Lategory Number	Description	<b>Drawing Number</b>	Body Number	- Indeed and a second	Service
MVE4D	Manifold	AFOAFA		IPIJAJIA KAO	Droce
	+	420124	450154	Stainlace Stool Ding Actas 42.42	Licosoffe
		450043	450043	EC Brace Tible Coccoo	009
		2227-25	2227-25	FC Brass, UNS C36000, ASTM B16	900
		450153	450153	EC Broom Historical	009
		450059	450059	Stainless Charles	009
		450151	450151	Stainless Steel Pipe, ASTM A249, TP304L	009
		1337C- 22 SER	1337C-22 B C	Stainless steel Pipe, ASTM A249, TP304L	009
		1337-53	1337-53	Steinless Steel Pipe, ASTM A249, TP304L	009
		1337B-22 SER	1337R-22R	Stainless Steel Pipe, ASTM A249, TP304L	900
		1337B-62A	1337R-67A	Stainless Steel Pipe, ASTM A312, TP304L	009
		B-8400-12C	B-8400-125F	Bronzo Cont All	009
		B-9407-1C	B-94085T-1	Brosse Cast Alloy, UNS C92200, ASTM B61	009
		B-9403-1C	B-9404ST-2	Bronze Cast Alloy, UNS C92200, ASTM B61	900
		B-8412-11	B-8412-11	Stairloo Can Stairloo Catalon ASTM B61	009
		BK9450-8	BK9450-8	Stallilless Steel Pipe, ASTM A249, TP304L	009
		B-9402-10	B-9402-10	Stainless, UNS C36000, ASTM B16	009
			07 70.00	ordinless Steel Pipe, ASTM A249, TP304L	009





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 8000

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 guestions 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 Toronic, Orlatio 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 of Application (mm/dd/yyyy):				Date:	
12/16/2016	Expedited	Expedited Service (please attached request form)	request form)	SR#	300058-0
Please indicate the type of design:   Boiler	yn: 🗌 Boiler	☐ Pressure Vessel	Fitting		000000
Existing CRN:	(if applicable)			Agent	8
		THE RESIDENCE AND PARTY OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN TRANSPORT OF THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PE		The second second second	

te the type of design:   Boiler	Pressure Vessel	
		Agent 2000 210
Existing CRN:(if applicable)		
Section A: Submitter Company Name: ENGINEERED CONTROLS INTERNATIONAL, LLC.	Section B: Invoicee Company Name:	icee Same as: ☑A ☐ C ☐ I
Address: 100 REGO DRIVE	Address:	
City/Town: ELON Province/State: NC	City/Town:	Province/State:
Postal/Zip Code: 27244 Country: USA	Postal/Zip Code:	Country:
Telephone: 336-449-7707 Fax:	Telephone:	Fax:
Contact Name: CHAD THOMAS	Contact Name:	
E-mail: cthomas@regoproducts.com	E-mail:	
Job No./Reference:	Purchase Order No.:	D.:
Drawing/Catalog No.: ベルミソの		
Accucust NAA 4100 283 @ 9139 P	Acct/Cust No.:	
Section C: Owner of Design/CRN Same as: ☑A ☐B ☐	D Section D: Manufacturer	ufacturer Same as: ☑A ☐ B ☐ C
Company Name:	Company Name:	(50)
Address:	Address:	
City/Town: Province/State:	City/Town:	Province/State:
Postal/Zip Code: Country:	Postal/Zip Code:	Country:
Telephone: Fax:	Telephone:	Fax:
Contact Name:	Contact Name:	
E-mail:	E-mail:	
Acct/Cust No.:	Acct/Cust No.:	
Registration required in the following jurisdictions:    Ontario   Saskatchewan   Manitoba     Alberta   Quebec	<ul><li>✓ New Brunswick</li><li>✓ Nova Scotia</li><li>✓ Prince Edward Island</li></ul>	Volvon Services
Deposit Included: CDN \$600.00 - Ontario and up to 2 additional provinces		
Cheque NoAmount \$(Deposit to be applied to the incurred fees when all jurisdictions are complete – any charges over and above deposit amount will be involced at that time is	Amount \$	and above deposit amount will be involced at that ti
Return mail address: 🔲 A 🔲 B 🔲 C Optior	Optional: Courier Collect Co	Courier name:
Mellen M	Ao	Account No.:
Signed: Ville Signed	Date (mm/dd/y	Date (mm/dd/yyyy); 12/16/2016

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

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR	
MANUFACTURERS NA				
MANUFACTURERS AL	DORESS: 100 BEGO DRIVE FLOW ALL	CATAMA		
PLANT LOCATIONS:	SAME AS ABOVE	-2/244		
CATEGORY	OF FITTINGS TO BE REGISTERED.	CIRCLE ONE CATEGORY ONLY	TITLE OF THE BYING	
A Pipe littings, includin	O COURINGS IARS Albaur Va store	inlant, pipe caps, or reducers	TITLE OF THE STANDAND OF CONSTRUOTION	
C Valves: all line valve	18		ASME B31.1	
D Expansion joints, flat	this connections and have accepting	a: all types		
	arators, and ateam traps arcluding pressure gauges, level gauge		1	
bollers, pressure ves	ed pressure rollef devices acceptable : laels, piping and fusible plugs	as bulmary over bressure protection on		
n Pressure retaining co	imponents that do not fall into one of the	no above categories		
SHOW MANUFACTURE	Class 1 Class 2 Class 3 C, (	Meeting AECB or ASME requirements)		
Charles Transport	OF STATES OF LOGO	AS IT WILL APPEAR ON THE PRODUCT	TYPE OF CONSTAUOTION	
n =	<b>~~</b>		CAST OTHER O WROUGHT O	
			DESCRIBE OTHER;	
7 97 200 000				
LIST OF SUPPORTING	DOCUMENTATION AND IDENTIFICA	ATION OF THE ACTUAL ITEMS TO BE RE	GISTERED:	
			THE PARTY OF THE P	
SEE ATTACHED LISTI	NG .		-	
1				
			•	
DECLARATION:				
[ CHAD THOMAS	ellly of the end amount do not be	did boil	ng the person having full authority and	
my knowledge represen	its the product for which registration	A good and mar and imputibation contained	In this form is true and to the heat of	
my knowledge represents the product of solemnly declare that the information contained in this form is true and to the best of temperature ratings, and identification markings are in accordance with the dimensions, materials of construction, pressure 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				
OF In part and has been	wordflad by ICO COOLLIN INE	more realism will extelled to each big	It where fabrication occurs to whole	
declaration consciention	sely believing it to be true, and kno	wing that it is of the same force and effe	it purpose and I make this solemn	
Signature of Declarer:	Chill. V	- I was a second of the second	oct as it made under dain.	
	Engineered Tontrols July	MARISA	E. ELLIOTT	
	December AD ZAL	ELM USE THOUSAL	RY PUBLIC FOR THE	
The state of the		MAMAN A	ice equistr a 1	
Commissioner of Oaths or Notary Public: (sign)	Manger E. 800	NORTH	CAROLINA	
, (,,	(Affix Official seel to the right)	my cummiss	in expres 8/31/2016	
		to for Regulatory Authority use		
2	This registration must be revalidated	led after (en (10) years from the date of	acceptance	
CRN: 0H19064			CEPTED	
			NCE EDWARD ISLAND	
FID#: 1704			AND & ENVIRONMENT	
		•	_	
Notes:	aloned to the name of the same	C.I.NOH1.9	064.59	
4. EBCT CRIBDOLY STAIL DA	stored in the name of the Manufacture supported with two Statutory Declarat	lon DATE:	3 2017	
ionna and one copy of aut	porting documentation			
responsibility for the quality	e made by the person having full authory of the end product.	orlly and	de McCame	
4. Quality control program	as shall be resubmitted for validation	inspection s		
at a meximum interval of f	ive (b) years.	BOILEX PRESSU	RE VESSEL BRANCH	

UNIFORMSTA	TUTURY DECLARATION	N FORM FOR THE REGISTR	ATION OF FITTING DESIGNS
NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	ENGINEERED CONTROLS INTE	RNATIONAL LIC	
MANUFACTURERS ADDRES	S: 100 REGO DRIVE, ELON, NO		
PLANT LOCATIONS: SAME	E AS ABOVE	-2/244	
CATEGORY OF FIT	TINGS TO BE REGISTERED.	CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including coup	olings, tees, elbows, Ys, plugs, u	nions, pipe caps, or reducers	THE RIPAGE OF CONSTRUCTION
B Flanges: all flanges C Valves: all line valves	000000 000000000000 000000000000000000	and provide the same of the sa	ASME B31.1
D Expansion joints, flexible co	onnections, and hose assemblies	a: all types	
E Otrainers, luters, separators	i, and steam traps ig pressure gauges, level gauge:	67.50	
higgarie figusilities			
		as primary over pressure protection o	n
H Prassura retaining compone	ents that do not fall into one of th	ne above categories	
Nuclear components: Class	a 1 🗆 Class 2 🗆 Class 3 🗇, (	Maeting AECB or ASME requirement	a)
OHOTE MANUFACTURERS NA	ME, IKADEMARK, OR LOGO	AS IT WILL APPEAR ON THE PRO	
DEP	<b>ാ</b> ക		FORGED   WELDED   WROUGHT   CAST   OTHER   CONTROL OTHER
	<i>)</i> ]		DESCRIBE OTHER
4.69	Sept. 1. Sep		
LIST OF SUPPORTING DOC	JMENTATION AND IDENTIFIC	ATION OF THE ACTUAL ITEMS TO	BE REGISTERED.
SEE ATTACHED LISTING			
STEAT INCIDED COTING			
	¥)		
DECLARATION:			
CHAD THOMAS	(see note 3) employed by	y_ ECI.LLC	and being the person having full authority and
responsibility for the quality of	of the end product do solemn	ly declare that the information co	ind being the person having full authority and intained in this form is true and to the best of
temperature ratings and idea	offication markings are in	on is sought. The dimensions, m	atenals of construction, pressure
		INDI FIOGRAM WRICH EXTENDS TO B	ach plant where fabrication occurs to whole
or in part and has been veriff declaration conscientiously b	ed by 130 9001/ OLINC	as being suitable	ofor that purpose and I make this solemn and effect as if made under oath.
	7/11/7/	Swind may it is of mis same tolds	and effect as if made under cath.
Signature of Declarer:	M. M.	M/	ARISA E. ELLIOTT
Declared before me at EN		ELM USETA	OTARY PUBLIC FOR THE
This 19th day of DE	cember AD 20	16 Ad.	amance county a u
Commissioner of Oaths	MA minu 5 500		ORTH CAROLINA
or Notary Public: (sign)	YVIWWA C. CE	My cur	rmissiu expres 8/31/2016
	(Affix Official seal to the right)		
This	i nis spa registration must be revalida	ce for Regulatory Authority use ated after ten (10) years from the	
		ated after ten (10) years from the	de la scaptance.
CRN: 0H19064.5		aller	MCBO TOWN
FID#: 1704		(8) nu	E / 3 / E
		2)	
Notes:			H19064.58
All fittings shall be registered.	d in the name of the Manufacture		described
forms and one copy of support	ported with two Statutory Declarating documentation.	-91.04	some Perry
<ol><li>The declaration shall be ma</li></ol>	de by the person having full auth	nortly and	1 0 1
responsibility for the quality of t 4. Quality control programs sh	all be resubmitted for validation	17	
at a maximum interval of five (5	S) years.	13.4	REGULATIONS

NEW BRUNSWICK NUNAVUT NOVA SCOTIA YUKON

PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: ENGINEERED CONTROLS INTERNATIONAL		
ENGINEERED CONTROLS INTERNATIONAL	LLC	
PLANT LOCATIONS: SAME AS ABOVE		
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ON	E CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe c 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 glass pressure transmitters	aps, or reducers	TITLE OF THE STANDARD OF CONSTRUCTION  ASME B31.1
G Certified capacity-rated pressure relief devices acceptable as primary over boilers, pressure vessels, piping and fusible plugs  H Pressure retaining components that do not fall into one of the above cate  N Nuclear components: Class 1 □ Class 2 □ Class 3 □, (Meeting AEC  SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL	egories CB or ASME requirements)	TYPE OF CONSTRUCTION  FORGED
<u>REGO®</u>	CAST OTHER DESCRIBE OTHER:	
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF T	HE ACTUAL ITEMS TO BE REC	GISTERED:
SEE ATTACHED LISTING  DECLARATION:		
I CHAD THOMAS (see note 3) employed by ECI.LLC	and bein	g the person having full authority and
responsibility for the quality of the end product do solemnly declare to my knowledge represents the product for which registration is sought temperature ratings, and identification markings are in accordance we manufacture of these fittings is regulated by a Quality Control Progrator in part and has been verified by ISO 9001/ ULINC declaration conscientiously believing it to be true, and knowing that it Signature of Declarer:  Declared before me at ENAMERO (WITH)S Jut! / Flux  This day of DECEMBER AD ZO I b  Commissioner of Oaths or Notary Public: (sign) (Affix Official seal to the right)	hat the information contained t. The dimensions, materials ith the herein named standar im which extends to each pla as being suitable for tha t is of the same force and effet  MARISA SETNOTSAF ADAMAN NORTH  MY CWWWISS	in this form is true and to the best of of construction, pressure ds. I further declare that the nt where fabrication occurs in whole
This space for Regula This registration must be revalidated after te	atory Authority use	
CRN: 0H19064.5 FID#: 1704	GERT OF PUBLIC BOLLER & PRESSURI	VICK CRAFETY
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.	CRN FOR FOR FOR FOR FOR CHISF BOLLER IN	19064.57 Cur
	DATE: Feb 3	, 2017
	BLRs	PVs
	FITTINGS	COMPONENTS

NEW BRUNSWICK NUNAVUT

NOVA SCOTIA YUKON

PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: ENGINEERED CONTROLS INTERNATIONAL. ILC MANUFACTURERS ADDRESS: 100 REGO DRIVE, ELON, NC-27244	
THE PROPERTY AND THE PROPERTY OF THE PROPERTY AND THE PRO	
PLANT LOCATIONS: SAME AS ABOVE	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY OF	LY ITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including couplings, teas, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: atl flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types	ASME 831.1
C QUBINETS, TREETS, SEDERATORS, and Steam Irons	
.F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters	
G Cartified capacity-rated pressure relief devices acceptable as primary avec pressure protections	ction 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 require	ements)
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON TH	E PRODUCT TYPE OF CONSTRUCTION
REGO®	FORGED WELDED WROUGHT G CAST OTHER D DESCRIÉE OTHER:
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEM	
	NS TO BE REGISTERED:
SEE ATTACHED LISTING .	
	ľ
· •	
DECLARATION:	
CHAD THOMAS (see and as ampliqued by FCLLC	and being the person having full authority and
and drawn, or the disapposact as scientify deciare that the informat	
emperature ratings, and identification markings are in accordance with the herein na nanufacture of these fittings is regulated by a Quality Control Program which extend	amed standards. I further declare that the is to each plant where fabrication occurs in whole uitable for that purpose and I make this solemn force and effect as if made under oath.
emperature ratings, and identification markings are in accordance with the herein nonanufacture of these fittings is regulated by a Quality Control Program which extend or in part and has been verified by ISO 9001/ULINC as being streed as being streed as the same of the same of Declarer:  Declared before me at ENAMIGICA (UTTO) S JAT! / Film	ons, materials of construction, pressure amed standards. I further declare that the is to each plant where fabrication occurs in whole ultable for that purpose and I make this solemn force and effect as if made under oath.  MARISA E. ELLIOTT
emperature ratings, and identification markings are in accordance with the herein nonanufacture of these fittings is regulated by a Quality Control Program which extend or in part and has been verified by ISO 9001/ULINC as being as declaration conscientiously believing it to be true, and knowing that it is of the same Signature of Declarer:	materials of construction, pressure amed standards. I further declare that the is to each plant where fabrication occurs in whole ultable for that purpose and I make this solemn force and effect as if made under oath.  MARISA E. ELLIOTT  TNOTARY PUBLIC FOR THE
emperature ratings, and identification markings are in accordance with the herein nonanufacture of these fittings is regulated by a Quality Control Program which extend or in part and has been verified by ISO 9001/ULINC as being as declaration conscientiously believing it to be true, and knowing that it is of the same signature of Declarer:  Declared before me at ENAMIFIED TOTAL JUSTINIANUS TOTAL AD ZOID	materials of construction, pressure amed standards. I further declare that the is to each plant where fabrication occurs in whole ultable for that purpose and I make this solemn force and effect as if made under oath.  MARISA E. ELLIOTT  T NOTARY PUBLIC FOR THE ALAMANCE CQUISTY A L
emperature ratings, and identification markings are in accordance with the herein nonanufacture of these fittings is regulated by a Quality Control Program which extend or in part and has been verified by ISO 9001/ULINC as being streedaration conscientiously believing it to be true, and knowing that it is of the same signature of Declarer:  Declared before me at ENAMIGICATION STATIFIA USE  This Am day of DECEMBER AD 2016  Commissioner of Oaths	materials of construction, pressure amed standards. I further declare that the is to each plant where fabrication occurs in whole ultable for that purpose and I make this solemn force and effect as if made under oath.  MARISA E. ELLIOTT  T NOTARY PUBLIC FOR THE ADAMANCE CQUISTY A L
emperature ratings, and identification markings are in accordance with the herein nonanufacture of these fittings is regulated by a Quality Control Program which extend or in part and has been verified by ISO 9001/ULINC as being streedaration conscientiously believing it to be true, and knowing that it is of the same signature of Declarer:  Declared before me at ENAMIGICATION STATIFIA USE  This Am day of DECEMBER AD 2016  Commissioner of Oaths	materials of construction, pressure amed standards. I further declare that the is to each plant where fabrication occurs in whole ultable for that purpose and I make this solemn force and effect as if made under oath.  MARISA E. ELLIOTT  T NOTARY PUBLIC FOR THE ALAMANCE CQUISTY A L
emperature ratings, and identification markings are in accordance with the herein nonanufacture of these fittings is regulated by a Quality Control Program which extend or in part and has been verified by ISO 9001/ULINC as being streedaration conscientiously believing it to be true, and knowing that it is of the same signature of Declarer:  Declared before me at ENAMIGICA TOTAL'S JAT'I/FIM USE  This IAM day of DECEMBER AD ZOI'S  Commissioner of Oaths AD ZOI'S  (Affix Official seal to the right)  This space for Regulatory Authority use	materials of construction, pressure amed standards. I further declare that the is to each plant where fabrication occurs in whole ultable for that purpose and I make this solemn force and effect as if made under oath.  MARISA E. ELLIOTT  T NOTARY PUBLIC FOR THE NORTH CAROLINA  CWMY/ISSIW CYPKS 8/31/2016
emperature ratings, and identification markings are in accordance with the herein nonanufacture of these fittings is regulated by a Quality Control Program which extend or in part and has been verified by ISO 9001/ULINC as being as declaration conscientiously believing it to be true, and knowing that it is of the same declared before me at ENAMITICATION JULY AD ZOID  Commissioner of Oaths Original Source (Affix Official seal to the right)	materials of construction, pressure amed standards. I further declare that the is to each plant where fabrication occurs in whole ultable for that purpose and I make this solemn force and effect as if made under oath.  MARISA E. ELLIOTT  T NOTARY PUBLIC FOR THE NORTH CAROLINA  CWMY/ISSIW CYPKS 8/31/2016
emperature ratings, and identification markings are in accordance with the herein no manufacture of these fittings is regulated by a Quality Control Program which extend or in part and has been verified by ISO 9001/ULINC as being stretched as being stretched as being stretched by ISO 9001/ULINC as being stretched beclaration conscientiously believing it to be true, and knowing that it is of the same signature of Declarer:  Declared before me at ENAMIGICA TURNOS JAPI/FIM USE  This IGM day of DECEMBER AD ZO 16  Commissioner of Oaths AD ZO 16  (Affix Official seal to the right)  This space for Regulatory Authority use	materials of construction, pressure amed standards. I further declare that the is to each plant where fabrication occurs in whole ultable for that purpose and I make this solemn force and effect as if made under oath.  MARISA E. ELLIOTT  TNOTARY PUBLIC FOR THE NORTH CAROLINA  CWMYNISSIW CXPMS 8/31/2010  e om the date of acceptance.
emperature ratings, and identification markings are in accordance with the herein normanufacture of these fittings is regulated by a Quality Control Program which extend or in part and has been verified by ISO 9001/ULINC as being as declaration conscientiously believing it to be true, and knowing that it is of the same declaration conscientiously believing it to be true, and knowing that it is of the same of Declarer:  Declared before me at ENAMIRICO (INTRIS JULY / FIM)  US a Finis 4 day of DECEMBER AD 2016  Commissioner of Oaths AD 2016  Commissioner of Oaths AD 2016  (Affix Official seal to the right)  This space for Regulatory Authority us This registration must be revalidated after ten (10) years from CRN: OH19064.5	materials of construction, pressure amed standards. I further declare that the is to each plant where fabrication occurs in whole situated for that purpose and I make this solemn force and effect as if made under oath.  MARISA E. ELLIOTT  T NOTARY PUBLIC FOR THE NORTH CAROLINA  CWMYNISSIW CXPMCS \$\frac{31}{201}\text{Voltage of acceptance}.
emperature ratings, and identification markings are in accordance with the herein normanufacture of these fittings is regulated by a Quality Control Program which extend or in part and has been verified by ISO 9001/ULINC as being as declaration conscientiously believing it to be true, and knowing that it is of the same declared before me at ENAMICICA (INTROLS JULY) Flor USE This IGM day of DECEMBER AD 2016  Commissioner of Oaths AD 2016  Commissioner of Oaths (Affix Official seal to the right)  This space for Regulatory Authority use This registration must be revalidated after ten (10) years from	materials of construction, pressure amed standards. I further declare that the list to each plant where fabrication occurs in whole ultable for that purpose and I make this solemn force and effect as if made under oath.  MARISA E. ELLIOTT  T NOTARY PUBLIC FOR THE NORTH CAROLINA  CWYWISSIW CYPKS \$\frac{31}{201}\text{VOIDARS} CWYWISSIW CYPKS \$\
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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	TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types	ASME B31.1
E. Strainers, filters, separators, and steam traps     F. Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters     Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on	
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)  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 RE	I GISTERED:
SEE ATTACHED LISTING	
responsibility for the quality of the end product do solemnly declare that the information contained may knowledge represents the product for which registration is sought. The dimensions, materials temperature ratings, and identification markings are in accordance with the herein named standar manufacture of these fittings is regulated by a Quality Control Program which extends to each play or in part and has been verified by ISO 9001/UL.INC as being suitable for the declaration conscientiously believing it to be true, and knowing that it is of the same force and efficient of Declarer:  Declared before me at ENAMICEC (MIN) S Jut / Flux  This 1944 day of December AD 2016  Commissioner of Oaths Or Notary Public: (sign) MARISA COMMISSIONER OATH (Affix Official seal to the right)	s of construction, pressure rds. I further declare that the ant where fabrication occurs in whole
This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of	faccentance
	, acceptance,
CRN: 0H19064.5  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.	CRN 0H19064.5Y DATE 2/15/2017

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD NORTHWEST TER	ISLAND RITORIES	NEWFOUNDLAND AND LABRADOR
MANUPACTURERS NAME: E	NGINEERED CONTROLS INTERN	NATIONAL LLC		
MANUFACTURERS ADDRESS:	100 REGO DRIVE, FLON, NC-2			
PLANT LOCATIONS: SAME A	SABOVE	7244		
	NGS TO BE REGISTERED. CI	RCLE ONE CATEGO	DRY ONLY	TITLE OF THE SYANDARD OF CORUTRUCTION
A Pipe fittings, including coupling	ga, toas, elbows, Ye, plugs, unic	ns, pipo capa, or red	ucora	
B Flangos; all flanges C Valves: all ling valves				ASME B31.1
D Expansion joints, flexible conn	ections, and hose assemblics:	all types		1
E Strainers, filters, separators, a.F. Messuring devices, including (	no aleam (raps Pressure gauges, level gauges, :	aloht plassos lovols	01	İ
a proceuro transmittare				
G Certified capacity-rated pressue beliers, pressure vessels, pipi	ng and highle pline		protection on	1
H Prosoure relaining component	s that do not fall into one of the	above calegories		
N Nuclear components: Class 1 SHOW MANUPACTURERS NAM	E TRADEMARK OR LOCA	oling AECB or ASME	requirements)	
11. 20 July 10 Constitution	E. TRADEMARK, OR LOGO A	SII WILL APPEAR	ON THE PRODUCT	TYPE OF CONDINUCTION
DECA	®			FORGED O WALDED O WAGUIGHT O GABT O OTHER O
The Committee of the Co	- , ,			
LIST OF SUPPORTING DOCUM	ENTATION AND IDENTIFICAT	ION OF THE ACTUA	LITEMS TO BE RE	GISTERED:
SEE ATTACHED USTING .				
		30		
DECLARATION: CHAD THOMAS		COLLIG		
responsibility for the quality of t	he end product do solemniv	doctors that the Laf	and be	ng the person having full authority and d in this form is true and to the bost of
my knowledge represents the p	roduct for which registration	is sought. The din	nensions, material	s of construction, pressure
				and a further declare that the ant where fabrication occurs in whole at purpose and I make this selemn
declaration conscientiously bell	eving it to be true, and know	ing that it is of the	some force and ef	fect as if made under oath.
Signature of Declarer:	of M. Jun	_		
Declared before me at ENAIN	1000 TIMEDALS TIAN 15	lon	MARIS	E. ELLIOTT
This 19th day of Dece		1	DE INUISA	RY PUBLIC FOR THE
Commissioner of Oaths	A1907 A0 2010		NORTH	NEE EQUISTR' A L
or Notary Public: (sign)	Many E. Elle	FH	My commiss	sim expires 8/31/2016
	Mx Official seal to the right)		my caratris	sia expires of sil core
	This space	for Regulatory Autho	rity uso _	· · · · · · · · · · · · · · · · · · ·
This re	gistration must be revalidate	d after ten (10) yee	ars from the date o	of accoptance.
CRN: 0H19064.5			/	07
FIRM: 1704	å	d		W A O CES
FID#: 1704	•	ſ	No	orlhwest Territories
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1. All fillings shall be registered in	the name of the Manufacturer.	Į		
<ol><li>Each category shall be support forms and one copy of supporting</li></ol>	ad with two Statutory Declaration	n 🖟	THE ROLL	E AUTHORITY OF
3. The declaration shall be made	by the person having full authori	Ity and	VE	SSEL ACT.
responsibility for the quality of the	and product.	1	C.R.N. OH	190 64 51
4. Quality control programs shall I at a maximum interval of five (5) y	ogla: sa taanowiifed tot Atligitiou	1	C.R.N. OLL	22
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07-0P-1/10P:1R 1-40W:

NEW BRUNSWICK NOVA SCOTIA PRINCE EDWARD ISLAND NEWFOUNDLAND AND LABRADOR NUNAVUT YUKON NORTHWEST TERRITORIES 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 TITLE OF THE STANDARD OF CONSTRUCTION Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges **ASME B31.1** 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 bollers, 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) 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 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: MARISA E. ELLIOTT Declared before me at ENAMURICA (UN SETMOTARY PUBLIC FOR THE 19th day of De ALAMANEE COUNTY A L **NORTH CAROLINA** Commissioner of Oaths M CUMMISSIUM EXOMES 81 or Notary Public: (sign) (Affix Official seal to the right) This space for Rigulatory Authority use
This registration must be revalidated after ten (10) years from the date of acceptance Pressure Vessels Act Nunavut CRN: 0H19064.5 FID#: 1704 REGISTERED 9064,5N 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 Signed responsibility for the quality of the end product. Chief Vishector 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.

Territorial Registration Fee