



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 16, 2017

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

Service Request Type: BPV-Fitting Registration

Service Request No.: 2000482

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.: 0H19088.5

Main Design No.:

Dwg. No. MVE7C-1SC Rev. G, Economizer Assembly with Check Valve

Expiry Date:

16-Jan-2027

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

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

Yours truly,

Mark Valcic P. Eng.

Engineer BPV

Tel.: 416-734-3494

Fax: 416-231-1626

Email: mvalcic@tssa.org



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

CLIENT

National Design Registration Application for a CRN

Technical Standards and Safety Act
Boilers and Pressure Vessels Regulation

INTAKE GROUP

Date: _____
SR #: 2000482-01T
Agent: 2000484-NAT

Date of Application (mm/dd/yyyy):

12/16/2016

☐ Expedited Service (please attached request form)

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

Existing CRN: _____ (if applicable)

Section A: Submitter		Section B: Invoicee	
Company Name: <u>ENGINEERED CONTROLS INTERNATIONAL, LLC.</u>		Company Name: _____	
Address: <u>100 REGO DRIVE</u>		Address: _____	
City/Town: <u>ELON</u>	Province/State: <u>NC</u>	City/Town: _____	Province/State: _____
Postal/Zip Code: <u>27244</u>	Country: <u>USA</u>	Postal/Zip Code: _____	Country: _____
Telephone: <u>336-449-7707</u>	Fax: _____	Telephone: _____	Fax: _____
Contact Name: <u>CHAD THOMAS</u>		Contact Name: _____	
E-mail: <u>cthomas@regoproducts.com</u>		E-mail: _____	
Job No./Reference: _____		Purchase Order No.: _____	
Drawing/Catalog No.: <u>MVE7C-1SC</u>		_____	
Acct/Cust No.: <u>A-400283 0913915</u>		Acct/Cust No.: _____	
Section C: Owner of Design/CRN Same as: <input checked="" type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> D		Section D: Manufacturer Same as: <input checked="" type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C	
(If more then one please attach list)			
Company Name: _____		Company Name: _____	
Address: _____		Address: _____	
City/Town: _____	Province/State: _____	City/Town: _____	Province/State: _____
Postal/Zip Code: _____	Country: _____	Postal/Zip Code: _____	Country: _____
Telephone: _____	Fax: _____	Telephone: _____	Fax: _____
Contact Name: _____		Contact Name: _____	
E-mail: _____		E-mail: _____	
Acct/Cust No.: _____		Acct/Cust No.: _____	
Registration required in the following jurisdictions:			
<input checked="" type="checkbox"/> Ontario	<input checked="" type="checkbox"/> Saskatchewan	<input checked="" type="checkbox"/> New Brunswick	<input checked="" type="checkbox"/> Newfoundland and Labrador
<input checked="" type="checkbox"/> British Columbia	<input checked="" type="checkbox"/> Manitoba	<input checked="" type="checkbox"/> Nova Scotia	<input checked="" type="checkbox"/> Yukon
<input checked="" type="checkbox"/> Alberta	<input checked="" type="checkbox"/> Quebec	<input checked="" type="checkbox"/> Prince Edward Island	<input checked="" type="checkbox"/> Northwest Territories
<input checked="" type="checkbox"/> Nunavut			
Deposit included: <input type="checkbox"/> CDN \$600.00 - Ontario and up to 2 additional provinces <input checked="" type="checkbox"/> CDN \$1,200.00 - Ontario and 3 or more additional provinces			
Cheque No. _____		Amount \$ _____	
(Deposit to be applied to the incurred fees when all jurisdictions are complete - any charges over and above deposit amount will be invoiced at that time.)			

Return mail address: ☐ A ☐ B ☐ C

Optional: Courier Collect

Courier name: _____

Account No.: _____

Signed: Chad M. Thomas

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

Date: JAN 16, 2017
(mm/dd/yyyy)

Reviewing Engineer: MARU VALCIC

CRN Issued: 0119088.5



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

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

REGO®

STATUTORY DECLARATION Registration of Fittings

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

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

of **ENGINEERED CONTROLS INTERNATIONAL, LLC**

(Name of Manufacturer)

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

(Plant Address)

336-449-7707

(Telephone No.)

(Fax No.)

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

☐ which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;
 (Title of recognized North American Standard)

☐ or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of **ISO90001**

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

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

SEE ATTACHED LIST

(drawings, calculations, test reports, etc.)

Declared before me at **Engineered Controls Int'l LLC** in the **County** or **Alamance, NC**

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

Commissioner for Oaths:

MARISA E. ELLIOTT

(Printed name)

Marisa E. Elliott

(Signature)

Chad M. Thomas

(Signature of Declarer)

FOR OFFICE USE ONLY

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

CRN:

0419088.5

Registered by:

MARK VALCIC, P.ENG

Dated:

JAN 16, 2017

NOTE: This registration expires on:

JAN 16, 2027

PV/Boilers

Model No. MVE-FC-1SC REV.G

ECONOMIZER ASSEMBLY WITH CHECK VALVE

JAN 16/17

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

my commission expires 8/31/2024

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

**REGISTERED
0419088.5**

C.R.N.: **0419088.5**

Signed: **Chad M. Thomas**

Date: **JAN 16, 2017**

Category	System Number	Description	Drawing Number	Body Number	Body Material	Service Pressure
H	MVE7C-1SC	Economizer Assembly with Check Valve	9464-1AA	9464-1AA	Forging Brass UNS C37700, ASTM B283	600
			1337-58	1337-58	Stainless Steel Pipe, ASTM A249, TP304L	600
			1337C-22 SER	1337C-22 SER	Stainless Steel Pipe, ASTM A249, TP304L	600
			1337-50A	1337-50A	Stainless Steel Pipe, ASTM A249, TP304L	600

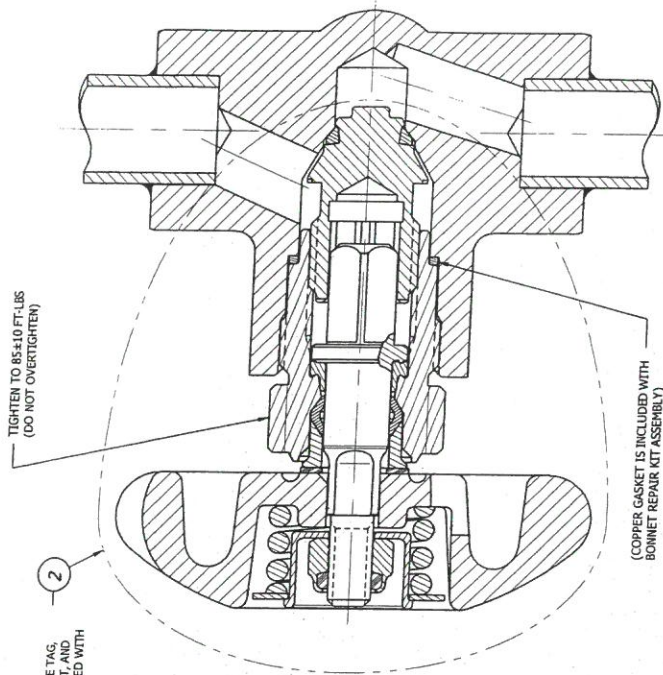
THIS IS PART OF
CRN 019088.5
 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program

Wade Jan 16/17

THIS IS PART OF
CRN 419088.5
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program

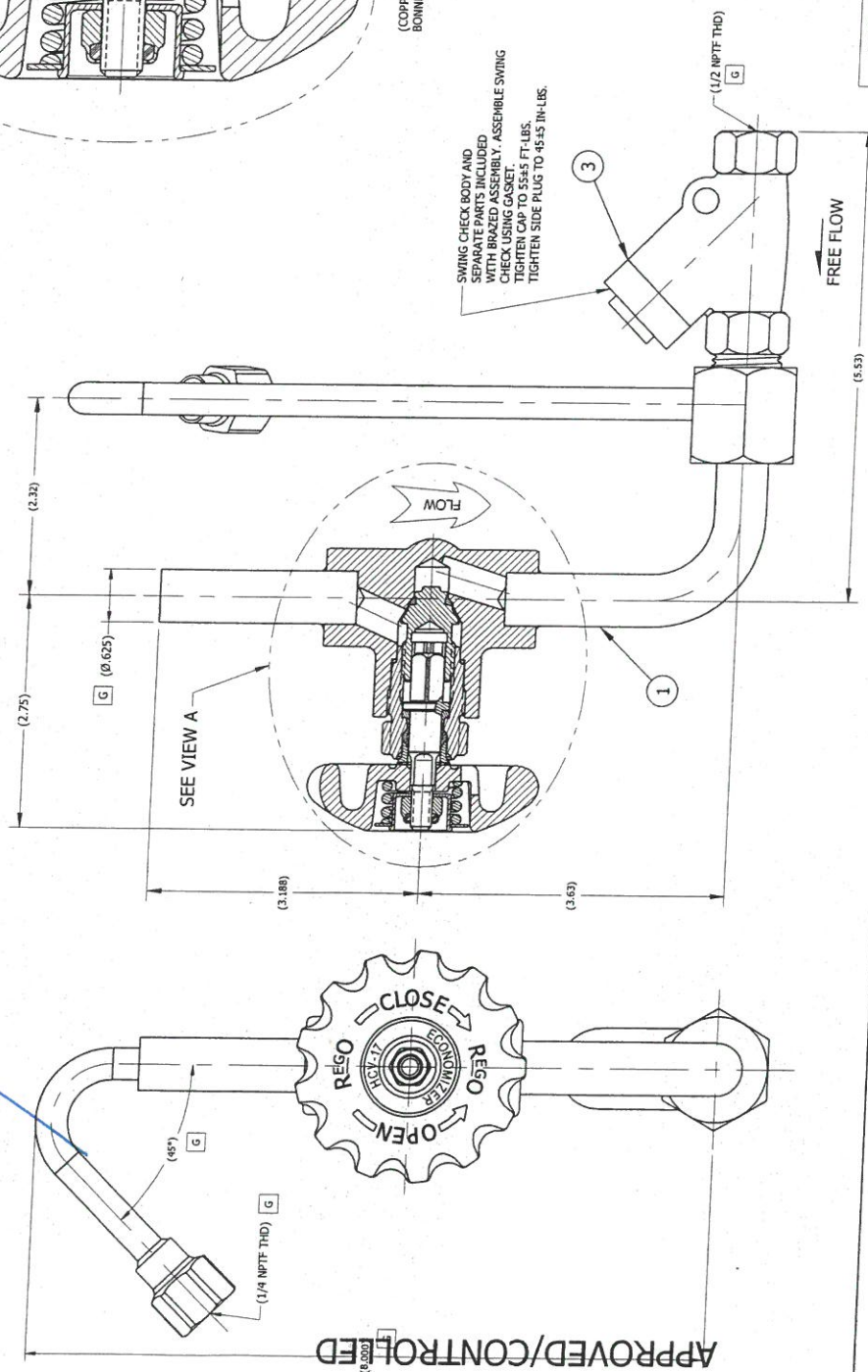
NOTES:

1. TEST PER 8400.100 USING CLEAN DRY NITROGEN, STONE CLEAN.
2. INSTALL CLOSURES ON ALL OPENINGS.
3. INCLUDE INSTRUCTION SHEET IN POLYBAG WITH VALVE.
4. SEAL PRODUCT IN POLYBAG AND INCLUDE OXYGEN CLEAN INFORMATION IN OR ON BAG.



VIEW A
 SCALE 2:1

SWING CHECK BODY AND
 SEPARATE PARTS INCLUDED
 WITH BONNET REPAIR KIT ASSEMBLY. ASSEMBLE SWING
 CHECK USING GASKET.
 TIGHTEN SIDE PLUG TO 55±5 FT.-LBS.
 TIGHTEN SIDE PLUG TO 45±5 IN.-LBS.



REVISION		DATE	BY	DESCRIPTION
1	INSTRUCTION SHEET (NOT SHOWN SEE NOTE 3)			
2	GASKET, SWING CHECK			
3	BONNET REPAIR KIT ASSEMBLY			
4	BONNET REPAIR KIT ASSEMBLY			
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100	BONNET REPAIR KIT ASSEMBLY			

APPROVED/CONTROLLED



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

March 16, 2017

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

Service Request Type.: BPV-National BC
Service Request No.: 2019934
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.: 0H19088.51.

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 11, 2017
Account #: 35231
Journal #: 67302
Our File #: 5611393

Attn: TANYA FRANCIS

Re: Application for Design Registration

The design, as detailed in your, TSSA SR# 2019934, for a Fitting is accepted for registration as follows:

Registered To: ENGINEERED CONTROLS
INTERNATIONAL LLC **CRN:** 0H19088.51

MAWP: 600 psig

Drawing #: MVE7C-1SC

Drawing Revision: G

Conditions Of Registration:

Registration of an Economizer Assembly with Check Valve per scope and dwg sheets (att'd 2 pgs).

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

Reviewer's Notes:

As required by CSA B51 4.2.1, this registration expires on January 16, 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	MVE7C-1SC	Economizer Assembly with Check Valve	9464-1AA	9464-1AA	Forging Brass UNS C37700, ASTM B283	600
			1337-58	1337-58	Stainless Steel Pipe, ASTM A249, TP304L	600
			1337C-22 SER	1337C-22 SER	Stainless Steel Pipe, ASTM A249, TP304L	600
			1337-50A	1337-50A	Stainless Steel Pipe, ASTM A249, TP304L	600

THIS IS PART OF
CRN 019088.5
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program



Wade Jan 16/17

OH19088.5
Safety
Authority

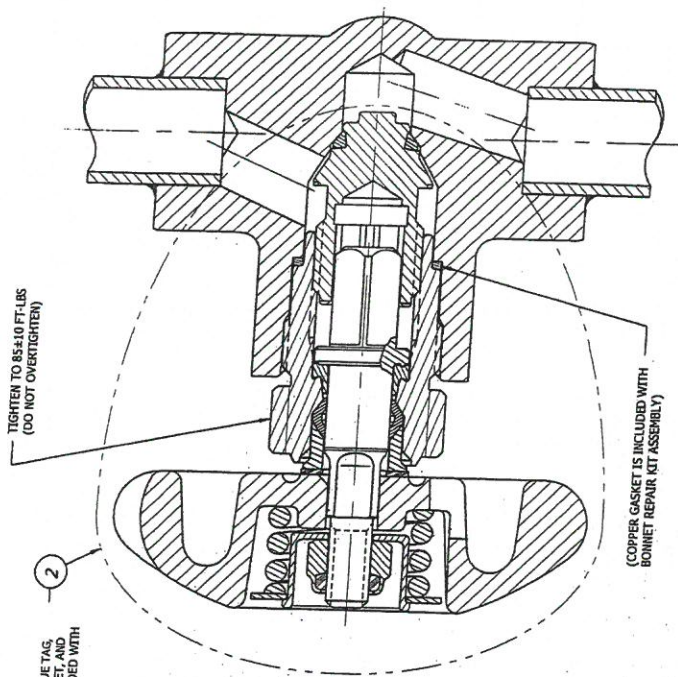
February 10, 2017
BOSAS 67302

NOTES:

1. TEST PER 8400-100 USING CLEAN DRY NITROGEN. STORE CLEAN.
2. INSTALL CLOSURES ON ALL OPENINGS.
3. INCLUDE INSTRUCTION SHEET IN POLYBAG WITH VALVE.
4. SEAL PRODUCT IN POLYBAG AND INCLUDE OXYGEN CLEAN INFORMATION IN OR ON BAG.

THIS IS PART OF
CRN OH19088.5
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program

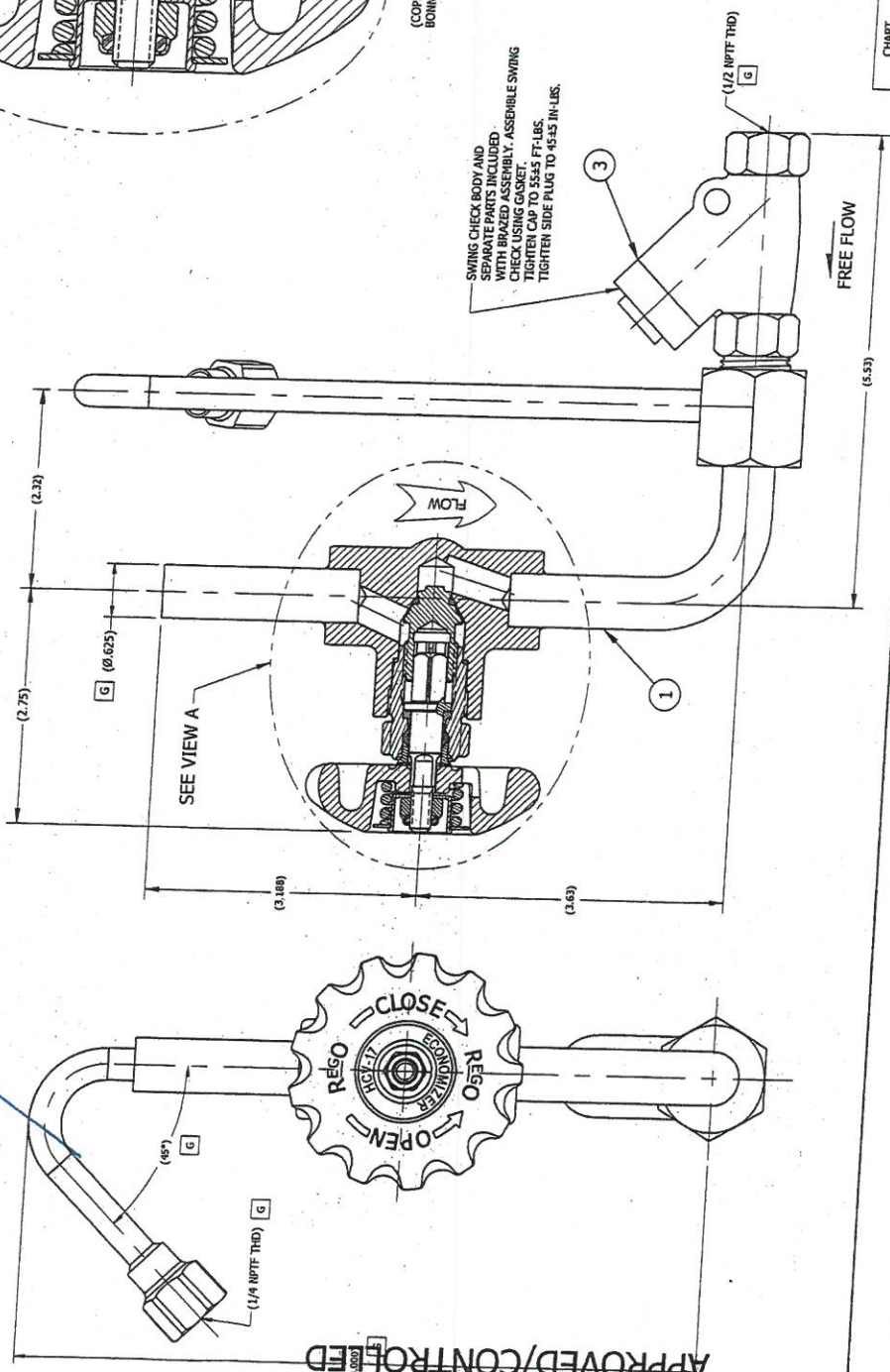
Wabe Jan 16/17



TIGHTEN TO 85±10 FT-LBS
(DO NOT OVERTIGHTEN)

(COPPER GASKET IS INCLUDED WITH
BONNET REPAIR KIT ASSEMBLY)

VIEW A
SCALE 2:1



SWING CHECK BODY AND
SEPARATE PARTS INCLUDED
WITH BRAZED ASSEMBLY. ASSEMBLY SWING
CHECK USING GASKET.
TIGHTEN CAP TO 55±5 FT-LBS.
TIGHTEN SIDE PLUG TO 45±5 IN-LBS.

4	INSTRUCTION SHEET (NOT SHOWN, SEE NOTE 3)	19460-150
3	GASKET SWING CHECK	SCV-1
2	BONNET REPAIR KIT ASSEMBLY	19464-BG17
1	BRAZED ASSEMBLY	19467-1SCA
REGO CRYO-FLOW PRODUCTS		BURLINGTON, NC
ECONOMIZER ASSY WITH CHECK VALVE		
REVISION		1-15-01
DATE		1-27-09
DRAWN BY		WV7C-ISC
CHECKED BY		
APPROVED BY		
ALL RIGHTS OF INVENTION ARE RESERVED		

APPROVED/CONTROLLED



To:	TSSA	From:	Janet Townsend
Company:	Engineered Controls International, LLC.	Phone:	416-747-4291
Pages:	8	Location:	Toronto
Our File:	ANR-4435	Date:	April 20, 2017

Your File: 2019938

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-0H19088.56.

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

Yours truly

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

Janet Townsend
Program Manager
CSA Group



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

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

REGO

STATUTORY DECLARATION

Registration of Fittings

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

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

of **ENGINEERED CONTROLS INTERNATIONAL LLC**

(Name of Manufacturer)

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

(Plant Address)

336-449-7707

(Telephone No.)

(Fax No.)

☒ I 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 900001** which has been verified by the following authority, **UNDERWRITERS LABORATORY INC**

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

(Drawings, calculations, test reports, etc.)

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

the **16th** day of **December** AD **2016**

Commissioner for Oaths:

Marisa E. Elliott

(Printed name)

Marisa 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: **CSA-0H19088.56**

Registered by: **A. BANWATT**

Dated: **APRIL 12 2017**

NOTE: This registration expires on: **JAN 16 2027**

PV 00553 (rev 1/0)

MARISA E. ELLIOTT
NOTARY PUBLIC
ALAMANCE COUNTY
NORTH CAROLINA

My Commission Expires **8/31/2021**

REGISTERED

CRN: CSA-0H19088-56

Registration Process administered by
CSA Group per CSA B51




Not to be attached as the scope of registration.

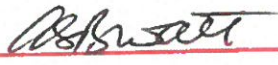
CERTIFIED TRUE COPY

Date: **Jan 16/17**

Signature: *[Signature]*

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

REGISTERED 
CRN: CSA-BH19088.16
Registration Process administered by
CSA Group per CSA B51

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

Category	System Number	Description	Drawing Number	Body Number	Body Material	Sample Properties
H	MVE7C-1SC	Economizer Assembly with Check Valve	9464-1AA	9464-1AA	Forging Brass UNS C37700, ASTM B283	600
			1337-58	1337-58	Stainless Steel Pipe, ASTM A249, TP304L	600
			1337C-22 SER	1337C-22 SER	Stainless Steel Pipe, ASTM A249, TP304L	600
			1337-50A	1337-50A	Stainless Steel Pipe, ASTM A249, TP304L	600





CERTIFICATE



This is to certify that

Engineered Controls International, LLC

100 Rego Drive
Elon, NC 27244
United States of America

with the organizational units/sites as listed in the annex

has implemented and maintains a **Quality Management System**.

Scope:

The design and manufacture of valves, regulators and fittings for the L.P. Gas, Anhydrous Ammonia, LNG, and Compressed Gas Industries.

Through an audit, documented in a report, it was verified that the management system fulfills the requirements of the following standard:

ISO 9001 : 2008

Certificate registration no.	10001523 QM08
Date of original certification	1994-10-04
Date of certification	2015-12-22
Valid until	2018-09-14



DQS Inc.

Ganesh Rao
Managing Director

**Annex to Certificate
Registration No. 10001523 QM08**

Engineered Controls International, LLC

100 Rego Drive
Elon, NC 27244
United States of America

Location

10003889
Engineered Controls International, LLC
3181 Lear Drive
Burlington, NC 27215
United States of America

10003890
Engineered Controls International, LLC
911 Industrial Drive S.W.
Conover, NC 28613
United States of America

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



March 2017

CRN – Canadian Registration Numbers - Saskatchewan

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

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

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



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

May 03, 2017

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

Service Request Type.: BPV-National MB
Service Request No.: 2019944
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.: 0H19088.54.

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
500 - 401 York Avenue
Winnipeg Manitoba R3C 0P8
T (204) 945-3373
F (204) 948-2309
www.firecomm.gov.mb.ca/codes_steam_pressure.html

April 18, 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
MVE7C-1SC REV. G	0H19088.54	37549

An invoice covering survey and registration fees is enclosed.

NOTE:

- CRN registered under reciprocal agreement & is conditional based on compliance with the notes set by the original issuing Jurisdiction: **TSSA**.
- See attached stamped "this is part of CRN" for scope of registration.
- This registration expires **Jan 16, 2027**.

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

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

Yours truly,

Rabie Harb, E.I.T.
Design Surveyor
Office of the Fire Commissioner
Inspection and Technical Services Manitoba
508 - 401 York Avenue
Winnipeg, Manitoba, R3C 0P8
Phone: 204-945-3373
Email: rabie.harb@gov.mb.ca



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

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

REGO®

STATUTORY DECLARATION Registration of Fittings

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

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

of **ENGINEERED CONTROLS INTERNATIONAL, LLC**

(Name of Manufacturer)

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

(Plant Address)

336-449-7707

(Telephone No.)

(Fax No.)

☒ I 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 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 LLC** in the **County** of **Alamance, NC**

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

Commissioner for Oaths:

Marisa E. Elliott

(Printed name)

Marisa E. Elliott

(Signature)

(Signature of Declarer)

FOR OFFICE USE ONLY

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

CRN:

PH19088.54

Registered by:

Rabie Harb

Dated:

2017/04/18

NOTE: This registration expires on: **Jan 16, 2027**

PV 09553 (06/16)

MARISA E. ELLIOTT
NOTARY PUBLIC
ALAMANCE COUNTY
NORTH CAROLINA

my Commission expires 8/31/2021



**CERTIFIED
TRUE COPY**

Date: **Jan 16, 2017**
Signature: **[Signature]**

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	MVE7C-1SC	Economizer Assembly with Check Valve	9464-1AA	9464-1AA	Forging Brass UNS C37700, ASTM B283	600
			1337-58	1337-58	Stainless Steel Pipe, ASTM A249, TP304L	600
			1337C-22 SER	1337C-22 SER	Stainless Steel Pipe, ASTM A249, TP304L	600
			1337-50A	1337-50A	Stainless Steel Pipe, ASTM A249, TP304L	600





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

April 11, 2017

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

Service Request Type.: BPV-National ACI Central
Service Request No.: 2019930
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.: 0H19088.59870YTN.

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

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


Yours truly,

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

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUTNOVA SCOTIA
YUKONPRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>Engineered Controls International, LLC</u>	
MANUFACTURERS ADDRESS: <u>100 Rego Drive Elm, Nc - 27244</u>	
PLANT LOCATIONS: <u>Same as above</u>	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	
A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting AECB or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION <u>ASME B31.1</u>
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT	
	TYPE OF CONSTRUCTION FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER:
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:	

DECLARATION:

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

Declared before me at

Engineered Controls Int'l ElmThis 16th day ofDecember AD 2016Commissioner of Oaths
or Notary Public: (sign)Marisa E. Elliott

(Affix Official seal to the right)

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

my Commission expires 8/31/2021

This space for Regulatory Authority use

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

CRN: 0H19088.5FID#: 1704

Notes:

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

ACCEPTED
 PROVINCE OF PRINCE EDWARD ISLAND
 COMMUNITIES, LAND & ENVIRONMENT

C.R.N. 0419088.59DATE: Feb 21/17

INSPECTION SERVICES SECTION
 BOILER/PRESSURE VESSEL BRANCH


UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

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

DECLARATION:

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Signature of Declarer: Chad M. Thomas

Declared before me at Engineered Controls Int'l/Elan

This 16th day of December AD 2016

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

(Affix Official seal to the right)

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

My Commission expires 8/31/2021

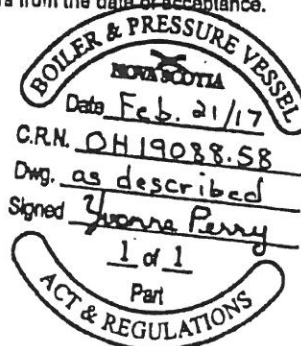
This space for Regulatory Authority use
 This registration must be revalidated after ten (10) years from the date of acceptance.

CRN: OH19088.5

FID#: 1704

Notes:

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




UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

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

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Signature of Declarer: Chad M. Thomas

Declared before me at Engineered Controls Int'l/Elan

This 16th day of December AD 2016

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

(Affix Official seal to the right)

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

my commission expires 8/31/2021

NEW BRUNSWICK
DEPT OF PUBLIC SAFETY
BOILER & PRESSURE VESSEL ACT

CRN: 0H19088.5

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.

REGISTRATION ONLY

CRN

0H19088.57

EXAMINER: Ken Cusum

for

CHIEF BOILER INSPECTOR

DATE: Feb. 17, 2017



BLRs



PVs



FITTINGS



COMPONENTS


UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

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

DECLARATION:

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

Declared before me at Engineered Controls Int'l/Elan

This 16th day of December AD 2016

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

(Affix Official seal to the right)

MARISA E. ELLIOTT
NOTARY PUBLIC
ALAMANCE COUNTY
NORTH CAROLINA

My Commission expires 8/31/2021

This space for Regulatory Authority use	
This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>OH19088.5</u>	<p>Newfoundland Labrador</p> <p>Service NL</p> <p>Registered <u>OH19088.50</u></p> <p>Date <u>12/02/21</u></p> <p>Engineering and Inspection Services</p> <p>Registered by <u>R.P.</u></p> <p>UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULATIONS</p>
FID#: <u>1704</u>	
Notes:	
<p>1. All fittings shall be registered in the name of the Manufacturer.</p> <p>2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.</p> <p>3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.</p> <p>4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.</p>	


UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

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

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

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

Declared before me at Engineered Controls Int'l / Elan

This 16th day of December AD 2016

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

(Affix Official seal to the right)

MARISA E. ELLIOTT
NOTARY PUBLIC
ALAMANCE COUNTY
NORTH CAROLINA
 My Commission expires 8/31/2021

This space for Regulatory Authority use

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

CRN: OH19088.5

FID#: 1704

Notes:

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




UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>Engineered Controls International, LLC</u>	
MANUFACTURERS ADDRESS: <u>100 Rego Drive, Elan, NC - 27244</u>	
PLANT LOCATIONS: <u>Same as above</u>	
<p>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</p> <p>A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers 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)</p>	
<p>TITLE OF THE STANDARD OF CONSTRUCTION</p> <p><u>ASME B31.1</u></p>	
<p>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</p> <p></p>	
<p>TYPE OF CONSTRUCTION</p> <p>FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER:</p>	
<p>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p>	

DECLARATION:

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

Declared before me at Engineered Controls Int'l/Elan


This 16th day of December AD 2016

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

(Affix Official seal to the right)

MARISA E. ELLIOTT
 U S E T H N O T A R Y P U B L I C R T H E
ALAMANCE COUNTY
NORTH CAROLINA

My Commission expires 8/31/2021

<p>This space for Regulatory Authority use</p> <p>This registration must be revalidated after ten (10) years from the date of acceptance</p>	
<p>CRN: <u>0H19088.5</u></p> <p>FID#: <u>1704</u></p> <p>Notes:</p> <ol style="list-style-type: none"> 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years. 	<p></p> <p>REGISTERED</p> <p>UNDER THE AUTHORITY OF THE BOILER AND PRESSURE VESSEL ACT.</p> <p>C.R.N. <u>0H19088.5T</u></p> <p>SIGNED <u>[Signature]</u></p> <p>DATE <u>Feb 22 / 2017</u></p>

52.00


UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>Engineered Controls International LLC</u>	
MANUFACTURERS ADDRESS: <u>100. Rego Drive, Elm, NC - 27246</u>	
PLANT LOCATIONS: <u>Same as above</u>	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting AECB or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION <u>ASME B31.1</u>
SHOW MANUFACTURERS NAME, TRADEMARK OR LOGO AS IT WILL APPEAR ON THE PRODUCT 	TYPE OF CONSTRUCTION FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER:
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: 	

DECLARATION:

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

Declared before me at

Engineered Controls Int'l/Elm

This 16th day of


December AD 2016

Commissioner of Oaths
or Notary Public: (sign)

Marisa E. Elliott

(Affix Official seal to the right)

MARISA E. ELLIOTT
NOTARY PUBLIC
 USE THE
ALAMANCE COUNTY
NORTH CAROLINA
 My Commission expires 8/31/2021

This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance. CRN: <u>OH19088.5</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 Boilers and Pressure Vessels Act REGISTERED CRN <u>OH19088.5N</u> Date <u>Feb 17, 2017</u> Signed <u>[Signature]</u> Chief Inspector
Territorial Registration Fee	