



To:	TSSA	From:	Janet Townsend
Company:	Engineered Controls International LLC	Phone:	416-747-4291
Pages:	8	Location:	Toronto
Our File:	ANR-4988	Date:	June 20, 2018

Your File: 2315386

**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-0H20344.56.

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

Yours truly

A handwritten signature in blue ink that reads 'Janet Townsend'.

**Janet Townsend**  
Program Manager  
CSA Group

178 Rexdale Blvd.  
Toronto, ON, M9W 1R3  
Canada  
[www.csagroup.org](http://www.csagroup.org)

REGISTERED



CRN: **CSA- OH 20344.56**

Registration Process administered by  
CSA Group per CSA B51

## Statutory Declaration Registration of Fittings

### (a) Design Qualification

I, **Chad Thomas, V.P of Engineering**

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

Of **Engineered Controls International, LLC**  
(name of company)

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

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

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

Or

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

### (b) Quality control of Manufacture

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

The fittings<sup>2</sup> covered by this declaration, for which I seek registration, are **Category "H"**

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

**See attached list - MVE5DA**

Declared before me at **Alamance County**

In the of **State** of **North Carolina**

The **20th** Day of **April** AD 19**2018**

Jennifer Versage Watson

**Notary Public**

Rockingham County

North Carolina

My Commission Expires 03/05/2023

A (commissioner for oaths)

Signature of Declarer<sup>3</sup>

#### For Official Use Only

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

This registration must be revalidated after ten (10) years from the date of acceptance. **MAY-08-2028**

Registered Number CRN **CSA-OH20344.56**

For the Chief Inspector

Date



**A. BANWATT**

**June - 13 - 2018**

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





# Technical Safety Authority of Saskatchewan

REGISTERED

CRN: **CSA-OH 20344.56**

PH: (306)798-7112

FAX: (306)787-9273

Email

Registration Process administered by

CSA Group per CSA B51

Statutory Declaration (Registration of Fittings)



2202 2nd Ave.  
Regina, SK S4R 1K3  
Toll Free: (866)530-8599  
Toll Free: (866)760-9255  
Email: [boilerpermits@tsask.ca](mailto:boilerpermits@tsask.ca)  
Website: [www.tsask.ca](http://www.tsask.ca)

TSK-1008

## I. Declaration Information

I, Chad Thomas, V.P of Engineering

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

of: Engineered Controls International, LLC

(name of manufacturer)

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



located at: 100 Rego Drive

(Plant Address - Apt/Street)

Elon, NC

(City/Prov)

27244

(Postal Code)

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

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

☐ Are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with \_\_\_\_\_ as supported by the attached data which identifies the dimensions, materials of construction, pressure / temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

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

Category H

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

See attached list - MVE5DA

## II. Declaration

DECLARED before me at Alamance County In the State of North Carolina  
this 20th day of April, 2018

Jennifer Versage Watson  
(print name)

[Signature]  
(Signature)

Jennifer Versage Watson  
Notary Public  
Rockingham County  
North Carolina

My Commission Expires 03/05/2023

## III. Office Use Only

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

CSA-OH 20344.56

(Registration Number)

June 13, 2018

(Date Registered - MM DD YYYY)  
(For the Administrator / Chief Inspector)

MAY 08 2028

(Expiry Date - MM DD YYYY)

A. BANWATT

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



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



345 Carlingview Drive  
Toronto, Ontario M9W 6N9  
Tel: 416 734 3300  
Fax: 416 231 1625  
Toll Free: 1 877 682 8772

[www.tssa.org](http://www.tssa.org)

May 15, 2018

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

**Service Request Type:** BPV-Fitting Registration

**Service Request No.:** 2044344

**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.:** 0H20344.5

**Main Design No.:** Dwg. No. MVE5DA Rev. D, Vent Assembly

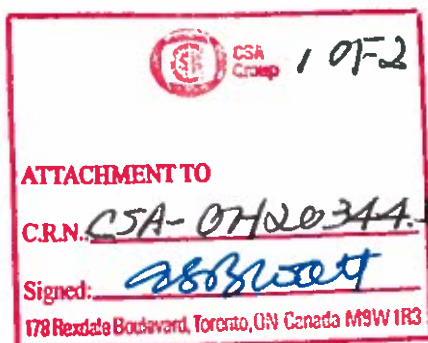
**Expiry Date:** 08-May-2028

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

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

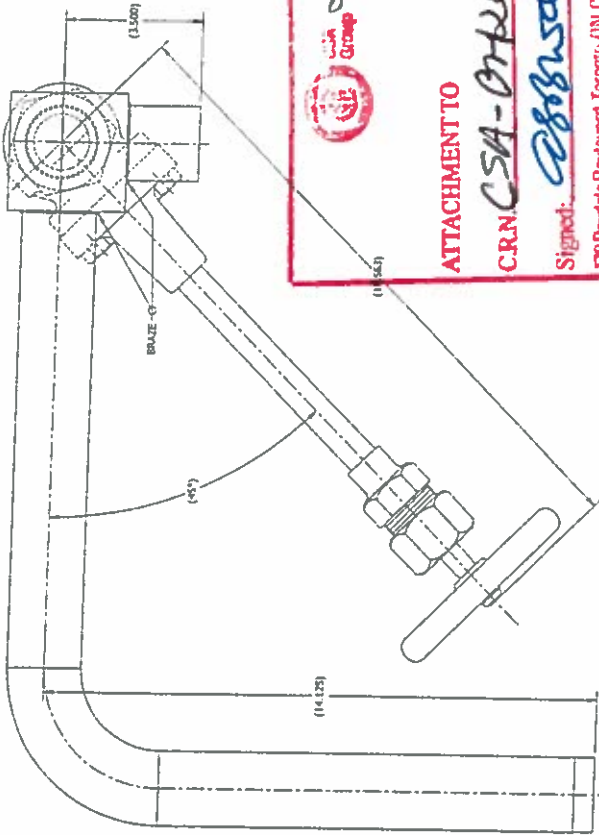
Yours truly,

  
Mark Valcic P. Eng.  
Engineer Specialist BPV  
Tel.: 416-734-3494  
Fax: 416-231-1626  
Email: [mvalcic@tssa.org](mailto:mvalcic@tssa.org)



7.2.96 # 2046344

REVISION HISTORY	
REV	DATE
A	10/31/96
B	11/13/96
C	11/13/96
D	11/13/96



**2 OF 2**

**ATTACHMENT TO**

**CRN CSA-0740344.56**

**Signed: [Signature]**

**178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3**

**THIS IS PART OF**

**CRN 0740344.5**

**Technical Standards & Safety Authority**

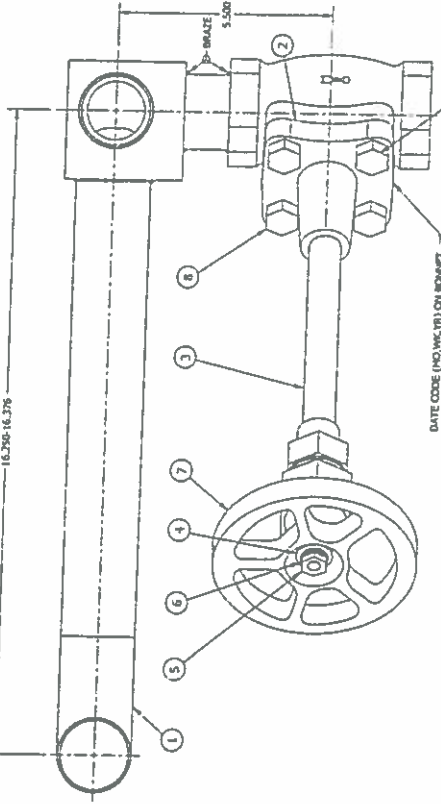
**Boilers & Pressure Program**

**Safety Program**

**Label MAY 15/18**

NOTES:

1. CLEAN AND PACKAGE PER B-11356-00 OUTSIDE SERVICE.
2. TEST PER 8400-100.
3. THE STAMP "450" IN TORQUE TAG AND ATTACH TAG TO HANDWHEEL.
4. ASSEMBLY MUST FIT CHART CRN-00-00 FEATURE # F100018 PRIOR TO SHIPPING.
5. INSTALLATION INSTRUCTIONS ON ALL CHARTS.
6. REFERENCE CHART DRAWING NUMBER B-1412476.



ITEM	QTY	TITLE
10	1	TAG, CAUTION (NOT SHOWN)
9	1	SEAT DISC ASST (NOT SHOWN)
8	1	SCREW
7	1	HANDWHEEL (ELUON)
6	1	WASHER
5	1	NUT, LOCK
4	1	TAG, VAPOR VENT HCH-12
3	1	KIT, UPPER ASSEMBLY REPAIR (UNTESTED)
2	1	GASKET
1	1	BRAZED ASSY

PART NUMBER	
DATE CODE	9-22-08
REVISION	1-21-18
DATE CODE	3-23-18
REVISION	3-26-18
DATE CODE	3-26-18
REVISION	3-26-18

VENT ASSY

CHART

TORQUE TO 450 IN LBS  
SEE DOCUMENT 157004 FOR METHOD

APPROVED/CONTROLLED





# 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**



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.