



To:	TSSA	From:	Janet Townsend
Company:	Engineered Controls International, LLC	Phone:	416-747-4291
Pages:	8	Location:	Toronto
Our File:	ANR-4431	Date:	April 4, 2017

Your File: 2019146

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-0H19077.56.

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
Account Manager
CSA Group



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)

336-448-7707

(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 **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 / ECI** in the **county** of **Alamance, NC**
the **19th** day of **December** AD 20**16**

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 - OH19077.56

Registered by:

A. BANWATT

Dated:

MARCH 31 2017

NOTE: This registration expires on:

JAN 12 2027

PV 08553 (06/16)



Note: This registration is based on a CSA B51 reciprocal policy. See attachment as the scope of registration.



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

MARISA E. ELLIOTT
NOTARY PUBLIC
ALAMANCE COUNTY
NORTH CAROLINA

my commission expires 8/31/2021

REGISTERED

CRN: CSA - OH19077.56

Registration Process administered by
CSA Group per CSA B51





REGISTERED



CRN: CSA-0H19077.56

Registration Process administered by
CSA Group per CSA B51

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

Signed: *Robert*

Date: 31 March, 2017

Category	System Number	Description	Drawing Number	Body Number	Body Material	Service Pressure
H	T9464FAB	Short Stem Cryo Shut-Off Valve	9464-1D	9464-1D	Forging Brass UNS C37700, ASTM B283	600
			9475-3	9475-3	Stainless Steel Pipe, ASTM A249/213, TP304L	600

 **CSA Group** 1 of 2

ATTACHMENT TO

C.R.N. CSA-0419077.56

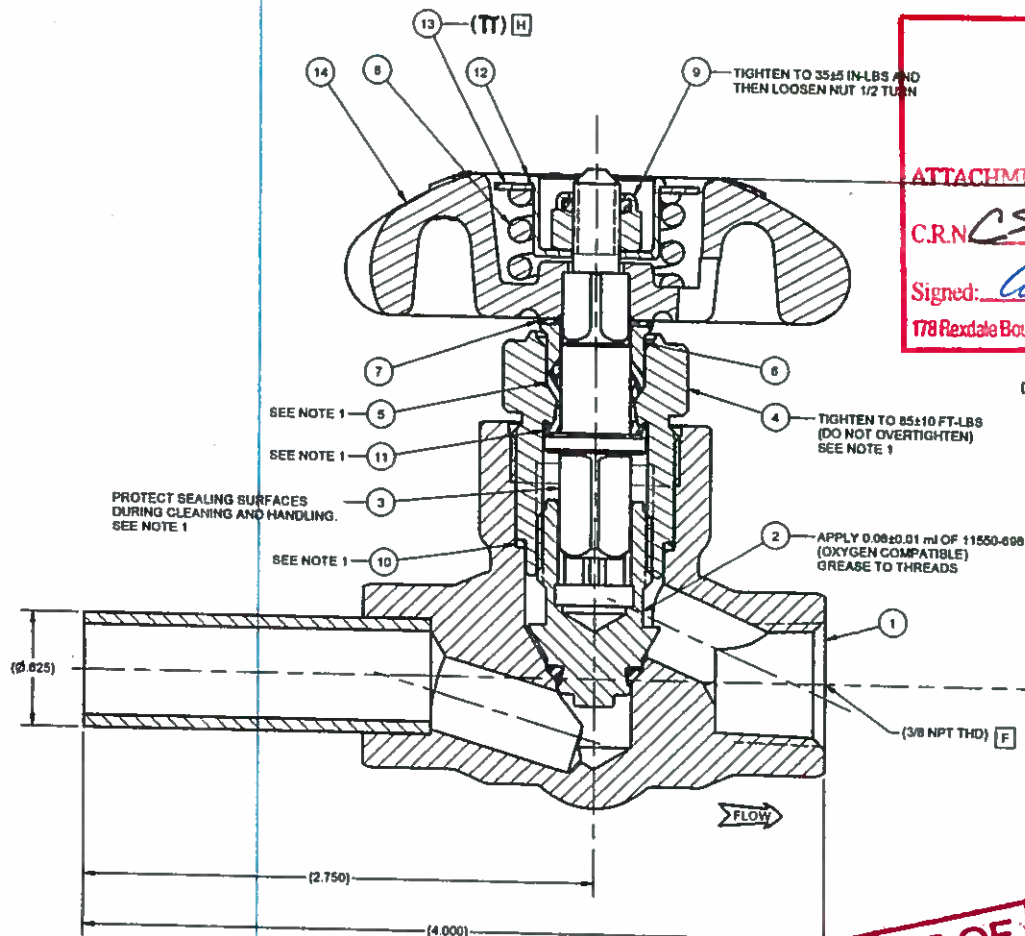
Signed: *[Signature]*

178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

THIS IS PART OF
 CRN **0419077.5**
 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program

[Signature] Jan 12/17

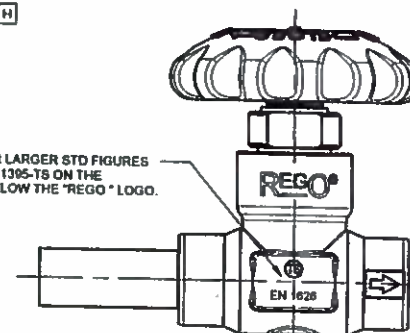
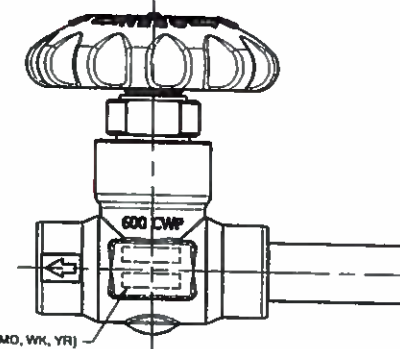
REVISION HISTORY			
REV	DATE	DESCRIPTION	
A-D			
E	2011-09-21-11	REV	
F	2013-05-13-13	REV	
G	2014-04-21-14	REV & REDRAWN	
H	2014-3-10-27-14	REV	



ATTACHMENT TO
C.R.N. **CSA-0H19077.56**
Signed: *[Signature]*
178 Rexdale Boulevard, Toronto, ON Canada M9W1R3

STAMP "T9464FA", "DN10" & DATE CODE (MO, WK, YR) USING .004 STD FIGURES ON THE VALVE BODY FLAT LOCATED BELOW "600 CWP".

STAMP "EN 1628" USING .083 OR LARGER STD FIGURES & Ø.187 MIN "TS" SYMBOL PER 11395-TS ON THE VALVE BODY FLAT LOCATED BELOW THE "REGO" LOGO.



G STAMPING DETAIL
SCALE 1:1

THIS IS PART OF
CRN 0H19077.5
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program
[Signature] Jan 12/17

NOTES:

1. CLEAN & PACKAGE PER 8-11550-400 OXYGEN SERVICE, EXCEPT HANDWHEEL.
2. TEST PER 9444-100 USING CLEAN DRY NITROGEN. STORE CLEAN.
3. ATTACH CLOSURES TO ALL END CONNECTIONS TO PROTECT AND SEAL OPENINGS.
4. INSTRUCTION SHEET TO BE INCLUDED IN FINAL PACKAGING.

ITEM	QTY	DESCRIPTION	PART NUMBER
15	1	INSTRUCTION SHEET (NOT SHOWN, SEE NOTE 4)	T9460-350
14	1	HANDWHEEL, BLUE	6600-308
13	1	PLATE, SPRING	9464-22T
12	1	CUP, SPRING	9464-18A
11	1	SEAL, LOWER	9464-13
10	1	GASKET	9452E-5
9	1	NUT, LOCK	9464-10
8	1	SPRING, CYLINDRICAL	9464-6
7	1	WASHER, SLIP	9464-17
6	1	GLAND, PACKING	9464-15
5	1	PACKING, STEM	9464-14
4	1	BONNET	9464-3
3	1	STEM	9464-4
2	1	SEAT & POPPET ASSY	9464-12A
1	1	BRAZED ASSY	9464-5-D

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1	1	BRAZED ASSY	9464-5-D



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:

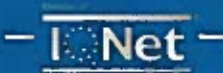
ISO 9001 : 2008

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



Saskatchewan
Municipal
Government

Saskatchewan

Procedural Services
330 - 1851 Victoria Avenue
Regina, Saskatchewan
S4P 3V7

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.

Yours truly,


N. Surtees, P. Eng.
Executive Director