



To:	TSSA	From:	Janet Townsend
Company:	Engineered Controls International, LLC.	Phone:	416-747-4291
Pages:	8	Location:	Toronto
Our File:	ANR-4429	Date:	April 18, 2017

Your File: 2018680

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-0H19079.56.

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

REGISTERED

CRN:

CSA-0419079.56



CSA Group

Municipal Affairs

ABSA

the pressure equipment safety authority

AB-41 2016-01

Registration Process administered by
CSA Group per CSA B51

STATUTORY DECLARATION Registration of Fittings

I, CHAD THOMAS, V.P OF ENGINEERING
(name of applicant) (position title) (must be in a position of authority)
of ENGINEERED CONTROLS INTERNATIONAL, LLC.
(name of manufacturer)
located at 100 REGO DRIVE, ELON, NC- 27244
(plant address)

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

REGO®

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

- ☒ comply with the requirements of ASME B31.1 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
(title of code of construction or other applicable document)
data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis
for such ratings, and the marking of the fittings for identification.

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

CATEGORY "H"

(brief description of fittings)

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

SEE ATTACHED LIST

DECLARED before me at Elon in the County of Alamance, NC
(city) (province or state)

this 19th day of December, 2016
(Month) (Year)

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

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

MARISA E. ELLIOTT
NOTARY PUBLIC
ALAMANCE COUNTY
NORTH CAROLINA

my commission expires 6/31/20

Chad Thomas
(signature of applicant)

For ABSA Office Use Only:

NOTES:

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

Registration Number: CSA-0419079.56 A. BANWATT
(Signature of the Administrator/SCO)


Date Registered: APRIL 12 2017 Expiry Date: JAN 12 2027

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



Note: See attachment as the scope of registration.




REGISTERED  CSA Group

CRN: CSA-OH19079.56

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

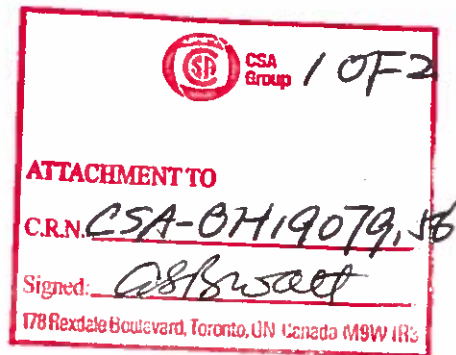


**CERTIFIED
TRUE COPY**

Date: 2 Feb/17 

**Cecilia Garbacz, a Commissioner, etc.
City of Toronto, for the Technical
Standards & Safety Authority
Expires June 17, 2017**

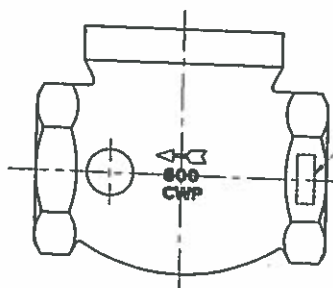
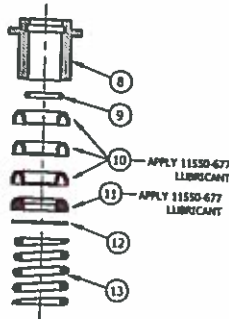
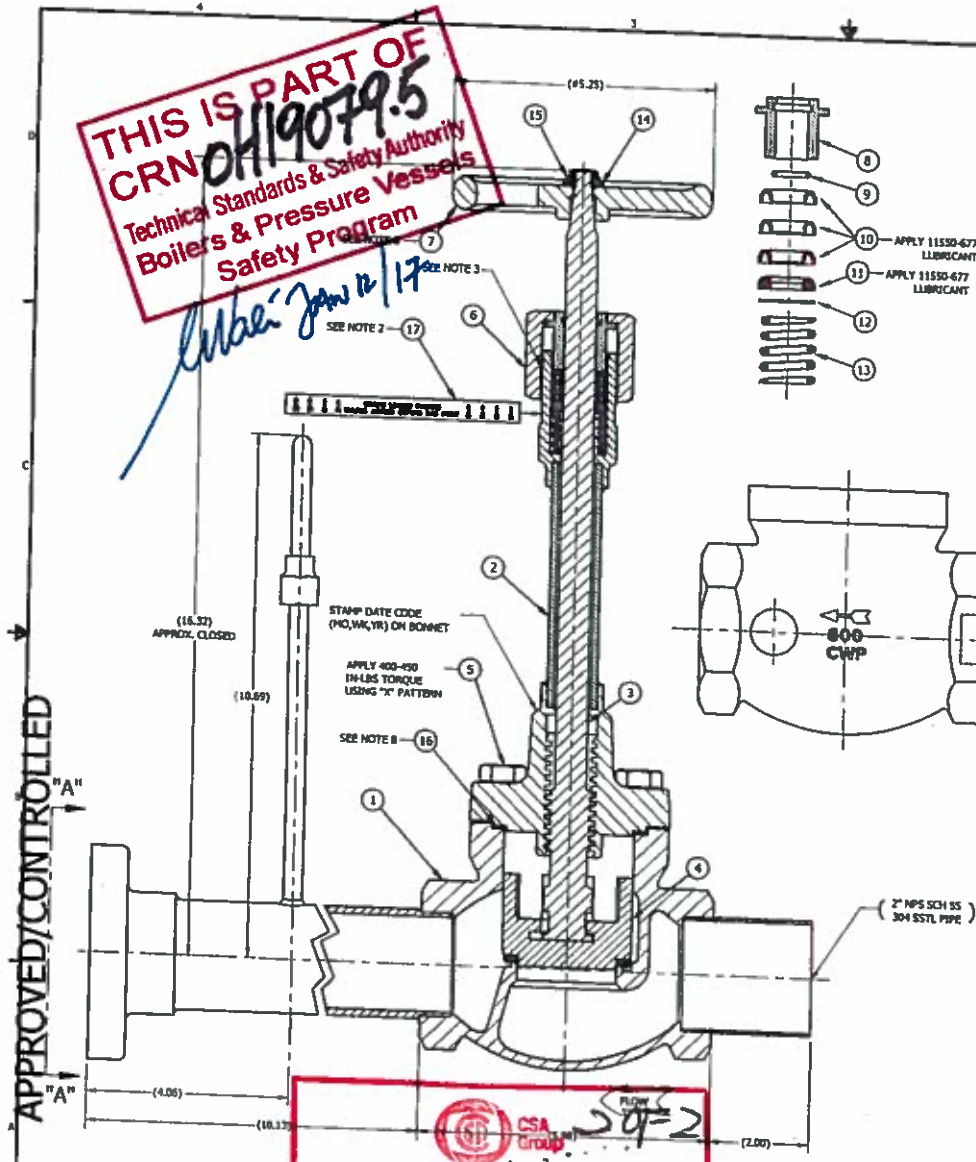
Category	System Number	Description	Drawing Number	Body Number	Body Material	Service Pressure
H	BK9416-SQ3	Globe Valve	B-9416PU-1	B-9416PU-1C	Bronze Cast Alloy, UNS C92200, ASTM B61	600
			B-009416-22SP4	B-009416-22SP4	Stainless Steel Pipe, ASTM A249, TP304L	600
			450073	450073	Stainless Steel Pipe, ASTM A249, TP304L	600
			B-009416-22SP3	B-009416-22SP3	Stainless Steel Pipe, ASTM A312, TP304L	600
			222X16-22J	222X16-22J	Stainless Steel Pipe, ASTM A249, TP304L	600



Ukali JAN 12/17

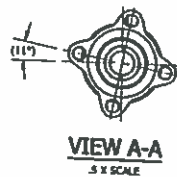
THIS IS PART OF
CRN OH19079.5
 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program

Libbe Jan 12/17



NOTES:

1. CLEAN ALL COMPONENTS PER B-11550-400 FOR OXYGEN SERVICE JUST PRIOR TO ASSEMBLY.
2. ATTACH LABEL TO BONNET AND TUBE ASSEMBLY, ALIGN THE BOTTOM OF THE LABEL WITH THE HEX SHEL ON THE BONNET AND TUBE ASSEMBLY PRESSING THE LABEL TO THE THREADS.
3. INSTALL THE PACKING AS SHOWN ONTO THE STEM IN THE UPPER BONNET. APPLY 11550-298 (LOCITITE 242) COMPOUND TO BONNET THREADS. INSTALL THE BONNET NUT AND SCREW IT DOWN TO THE TOP OF THE LABEL.
4. INSTALL THE TOP-WORKS ONTO THE BODY AND APPLY 400-450 IN-LBS TORQUE TO THE BONNET BOLTS USING AN X-PATTERN.
5. PRESS OR TAP THE HANDWHEEL ONTO THE STEM TO SHOULDER. INSTALL THE WASHER AND THEN THE LOCKWUT ONTO THE STEM. TORQUE THE NUT TIGHT AGAINST THE WASHER.
6. TEST PER B-9402-100.
7. INK STAMP "425" IN THE TORQUE BOX OF THE TORQUE TAG. ATTACH THE TAG TO THE HANDWHEEL.
8. USE ONE GASKET FOR TESTING. PLACE EXTRA GASKET IN BAG WITH VALVE.
9. INCLUDE INSTRUCTION SHEET IN POLY BAG WITH VALVE.
10. SEAL PRODUCT IN POLYBAG AFTER IT HAS DRIED FOR NO LESS THAN 24 HOURS, UNLESS REQUESTED BY MARKETING TO SHIP PRIOR TO DRYING. INCLUDE OXYGEN CLEAN INFORMATION IN OR ON BAG.
11. REFERENCE CHARTS DRAWING B-14184314.



ITEM	QTY	TITLE	PART NUMBER
19	1	INSTRUCTION SHEET (NOT SHOWN) SEE NOTE 9	BK9402-350
18	1	TORQUE TAG (NOT SHOWN) SEE NOTE 7	B-9403-50
17	1	TAPE LABEL	B-9408-9
16	2	GASKET	B-9416-5
15	1	LOCKWUT	7513-1355
14	3	WASHER, HANDWHEEL	450027
13	1	SPRING	B-9416-13
12	1	WASHER, PACKING	9500-555
11	1	JAM RING	7513-9
10	3	SEAL RINGS	7513-42
9	1	O-RING	BR-1786-14V
8	1	PACKING GLAND	B-9416-7
7	1	HANDWHEEL - BLUE	7509-1578P
6	1	BONNET NUT	B-9416-6
5	4	SCREW	B-9416-14
4	1	SEAT DISC ASSEMBLY	B-9416-11
3	1	STEM	B-9416-855
2	1	BONNET & TUBE ASSEMBLY	B-9416-9
1	1	BRAZED BODY ASSEMBLY	B-9416-615M4

T. TRODE 10-30-08 4-9-12 J. HOWARD 4-24-12 D. GENTILE 5-30-12		REBO CRYO-FLOW PRODUCTS VALVE, 2" GLOBE W/ 2" TUBE INLET X FLANGED OUTLET BK9416-SQ3	
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ATTACHMENT TO
 C.R.N. **CSA-OH19079.56**
 Signed: *[Signature]*
 178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

APPROVED/CONTROLLED "A"



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.