



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

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.: 2044354

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.: 0H20346.5

Main Design No.: Dwg. No. MVE11CD, Vent Assembly

Expiry Date: 15-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. 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



Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6M9
Customer Service: 1.877.882.8772
Fax: 416.231.6183
www.tssa.org



REASSIGNED
TO MARK
MAY 3/18

National Design Registration
Application for a CRN
Technical Standards and Safety Act
Boilers and Pressure Vessels Regulation

TSSA # 2044354

Date of Application (mm/dd/yyyy): 3/30/2018	Expedited Service (Ontario Only) <input type="checkbox"/> Yes (form attached) <input checked="" type="checkbox"/> No	Service Request Number: (For office use only) 2044354 NAT 2044358
---	---	---

Please indicate the type of design for National Service:

☐ Pressure Vessel ☐ Boiler ☒ Fitting

Existing CRN:
(if applicable)

Section A: Submitter (Legal Company Name)	Section B: Invoicee Same as: <input checked="" type="checkbox"/> A <input type="checkbox"/> C <input type="checkbox"/> D																
Company Name: ENGINEERED CONTROLS INTERNATIONAL, LLC.	Company Name:																
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: 336-446-7707	Telephone:																
Contact Name: CHAD THOMAS	Contact Name:																
E-mail: cthomas@regoproducts.com	E-mail:																
Job No./Reference:	Purchase Order No.:																
Drawing/Catalog No.:																	
Account/Customer Number:	Account/Customer Number																
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																
Company Name:	Company Name:																
Address:	Address:																
City/Town: Province/State:	City/Town: Province/State:																
Postal/Zip Code: Country:	Postal/Zip Code: Country:																
Telephone:	Telephone:																
Contact Name:	Contact Name:																
E-mail:	E-mail:																
Acct/Cust No.:	Acct/Cust No.:																
Kindly select the province registration is required: For renewals or additions to registrations where registration was obtained outside of Ontario first, in order to keep that registration number, please apply to the original registering province first, then proceed to apply with national registration with TSSA. If you proceed with national registration at TSSA first, we will need to issue a new registration number.																	
<table><tr><td><input checked="" type="checkbox"/> Ontario</td><td><input checked="" type="checkbox"/> Saskatchewan</td><td><input checked="" type="checkbox"/> New Brunswick</td><td><input checked="" type="checkbox"/> Newfoundland and Labrador</td></tr><tr><td><input checked="" type="checkbox"/> British Columbia</td><td><input checked="" type="checkbox"/> Manitoba</td><td><input checked="" type="checkbox"/> Nova Scotia</td><td><input checked="" type="checkbox"/> Yukon</td></tr><tr><td><input checked="" type="checkbox"/> Alberta</td><td><input checked="" type="checkbox"/> Quebec</td><td><input checked="" type="checkbox"/> Prince Edward Island</td><td><input checked="" type="checkbox"/> Northwest Territories</td></tr><tr><td colspan="3"></td><td><input checked="" type="checkbox"/> Nunavut</td></tr></table>		<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
<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														

Return Mail to: ☐ A ☐ B ☐ C ☐ D ☐ Call for Pick up at Head Office

Optional Courier Collect:
(Completed ON Reg. Only)

☐ DHL ☐ FEDEX ☐ PUROLATOR ☐ UPS

Acct No.: _____

REGISTRATION NUMBER: (For Office Use Only)

0420346.5



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 B31.3

(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 MVE11CP

(drawings, calculations, test reports, etc.)

Declared before me at Alamance County in the State of North Carolina
the 20 day of April AD 2018

Jennifer Versage Watson
Notary Public
Rockingham County
North Carolina
My Commission Expires 03/05/2023

Commissioner for Oaths:

Jennifer Versage Watson

(Printed name)

[Signature]

(Signature)

[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:

OH20346.5

Registered by:

MARK VALCIC, P. ENG.

Dated:

MAY 15, 2018

NOTE: This registration expires on:

MAY 15, 2028

Technical
Standards
and Safety
Authority

Boilers and
Pressure Vessels
Safety Program

REGISTERED

CRN:

OH20346.5

Signed:

Date:

[Signature]
MAY 15, 2018

Technical drawing of a 1-inch NPS SCH 5 304 SSTL pipe assembly. The drawing shows a side view of the assembly with various dimensions and callouts. The main pipe is labeled "1\" NPS SCH 5 (304 SSTL PIPE)". The assembly includes a flange with a "RIBO" label and a "RIBO" label on the pipe. The dimensions are: (7.125) for the main pipe length, (14.50) for the total length, (5.00) for the flange thickness, and (30°) for the flange angle. The drawing also includes callouts for "SEE NOTES 1 & 3", "TORQUE TO 1000-1200 IN-LBS", and "SEE NOTE 1-1".

Wol May 15/18

NOTES:

1. ITEMS 1 & 2 TO BE CLEANED PER ITEM DRAWINGS.
2. ITEM 3 TO BE CLEANED PER B-11550-400.
3. TEST PER B400-100.
4. STAMP DATE (MO./WK./YR) USING .13 STD. FIGURES ON
BONNET AND ON VALVE BODY.
5. ATTACH TORQUE TAG TO HANDWHEEL/STEM.
6. INSTALL CLOSURES ON ALL OPENINGS.
ENCLOSE MANIFOLD ASSEMBLY AND OXYGEN CLEAN
SPECIFICATION LABEL IN A PLASTIC BAG. SEAL BAG IN
A TAMPER EVIDENT MANNER.
7. REFERENCE CHART'S DRAWING B-13020561.

9	1	TAG-TORQUE (1100) (NOT SHOWN)	SEE NOTE 4	B-9403-50C
8	1	SEAT DISC ASSY (NOT SHOWN)		B-9408-7
7	1	HANDWHEEL - GREEN		2507-15GP
6	1	WASHER		450028
5	1	TAG V-11 PRODUCT SUPPLY		11573-512
4	1	LOCKNUT		7505A-13SS
3	1	GASKET		B-9408-1
2	1	UPPER ASM (UNTESTED)		B-9408-K1TU
1	1	BRAZED ASM		MVE11CD-2
ITEM QTY.		DESCRIPTION		NUMBER
REGO CRYO-FLOW PRODUCTS BURLINGTON, NC THIS DRAWING IS ECI PROPRIETARY INFORMATION ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED				
DRAWN	ENGINEER	TITLE VENT ASSY		
CHECKED	APPROVED			
UNLESS OTHERWISE SPECIFIED: 2 PL. DEC. ± .015 3 PL. DEC. ± .005 CONCENTRICITY .010 T/M FINISH 125 M REMOVE BURRS, BREAK SHARP EDGES R.015 MAX		SCALE	DRAWING NO. MVE11CD	
		REVISION C AG341, 8-06-09 REV	DWG SIZE B	