



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

June 26, 2018

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

Service Request Type.: BPV-National BC
Service Request No.: 2315378
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.: 0H20344.51.

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

TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO ON M9W 6N9

Date: May 31, 2018
Account #: 35231
Journal #: 70889

Attn: TANYA FRANCIS

Re: Application for Design Registration

The design, as detailed in your, TSSA SR# 2315378, for a Fitting is accepted for registration as follows:

Registered To: ENGINEERED CONTROLS
INTERNATIONAL LLC **CRN:** 0H20344.51

Drawing #: MVE5DA

Drawing Revision: C

Conditions Of Registration:

Registration of a Vent Assembly as per attached scope of registration sheet.

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 May 08, 2028. 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.

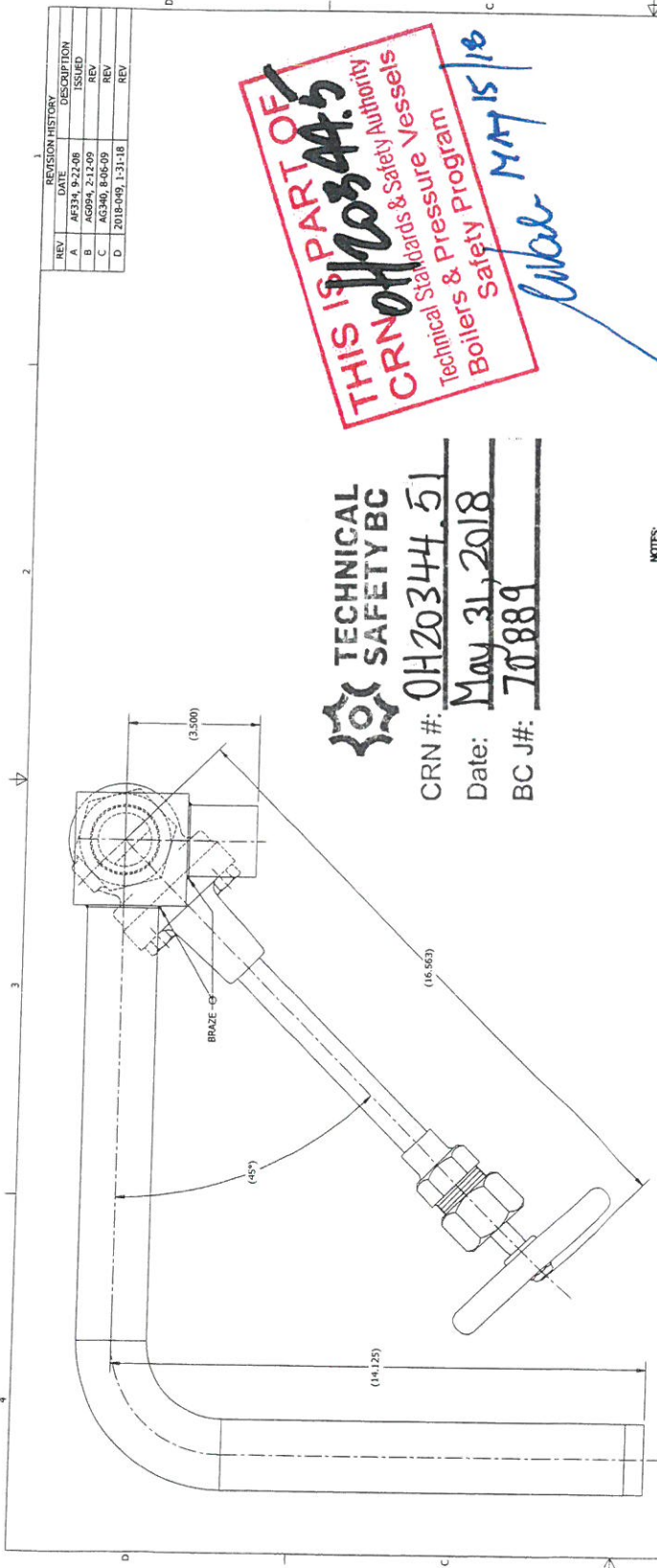
Contact me if you have any questions. The invoice for registration will be forwarded under separate cover.

SHARON PETERS

boiler.designregistration@technicalsaftybc.ca
Design Administration

cc:

759A # 2044344



CRN #: 0H203444.51
Date: May 31, 2018
BC J#: 70889

THIS IS PART OF
CRN 0H203444.5
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program

NOTES:

- 1. CLEAN AND PACKAGE PER B-11550-460 OXYGEN SERVICE.
- 2. TEST PER 1500 IN TORQUE BOX OF THE TORQUE TAG AND ATTACH TAG TO HANDWHEEL.
- 3. JNK STAMP 1500 IN TORQUE BOX OF THE TORQUE TAG AND ATTACH TAG TO HANDWHEEL.
- 4. ASSEMBLY MUST FIT CHART GOING TO FITTING PRIOR TO SHIPPING.
- 5. INSTALL CLOSURES ON ALL OPENINGS.
- 6. REFERENCE CHART DRAWING NUMBER B-1412439.

D	10	1	TAG, CAUTION (NOT SHOWN)	SEE NOTE 3	B-9403-50
C	9	1	SEAT DISC ASSY (NOT SHOWN)		B-9412-6
B	8	1	SCREW		B-9409-2155
	7	1	HANDWHEEL (SILVER)		7509-157SP
	6	1	WASHER		450027
	5	1	NUT, LOCK		7513-1355
	4	1	TAG, VAPOR VENT HC-12		11573-507
	3	1	KIT, UPPER ASSEMBLY REPAIR (UNTESTED)		B-9412-KTU
	2	1	GASKET		B-8511-6T
	1	1	BRAZED ASSY		MVEDA-2

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B	2-12-09	REV
C	8-06-09	REV
D	1-31-18	REV

REVISION	DATE	DESCRIPTION
A	9-22-08	ISSUED
B		