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Toronto, Ontario M9W 6N9
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www.tssa.org

January 17, 2017

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

Service Request Type: BPV-Fitting Registration

Service Request No.: 2000476

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.: 0H19098.5

Main Design No.: Dwg. No. MVE5D-SER Rev. A, Vent Assembly

Expiry Date: 17-Jan-2027

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 BPV
Tel.: 416-734-3494
Fax: 416-231-1626
Email: mvalcic@tssa.org



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 B31.1**

(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/Elon** 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)

(Signature of Declarer)

Chad M. Thomas

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:

0H19098.5

Registered by:

MARK VALCIC, P.ENG.

Dated:

Jan. 17, 2017

NOTE: This registration expires on:

Jan 17, 2027

PROCESSED BY

NOTE: DWG. No. MVE5D SER REL-A, VENT ASSEMBLY

Jan 17/17

**MARISA E. ELLIOTT
NOTARY PUBLIC
ALAMANCE COUNTY
NORTH CAROLINA**

My Commission expires **8/31/2024**

**Boilers and Pressure Vessels
Technical Standards and Safety Program
Safety Program
Authority**

REGISTERED

0H19098.5

C.R.N.:

0H19098.5

Registered:

Jan 17, 2017

Date:

Category	System Number	Description	Drawing Number	Body Number	Body Material	Service Pressure
H	MVE5D-S	Vent Assembly	B-94071F	B-9408ST-1	Bronze Cast Alloy, UNS C92200, ASTM B61	600
			MVE5D-3	MVE5D -3	FC Brass, UNS C36000, ASTM B16	600
			1337-2S	1337-2S	Stainless Steel Pipe, ASTM A249, TP316L	600
			1337-57S	1337-57S	Stainless Steel Pipe, ASTM A249, TP316L	600
			1337BS-22 SER	1337BS-22C	Stainless Steel Pipe, ASTM A312, TP316L	600
			B-8404-19SS	B-8404-19SS	Stainless Steel Pipe, ASTM A249, TP304L	600

THIS IS PART OF
CRN 0119098.5
 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program

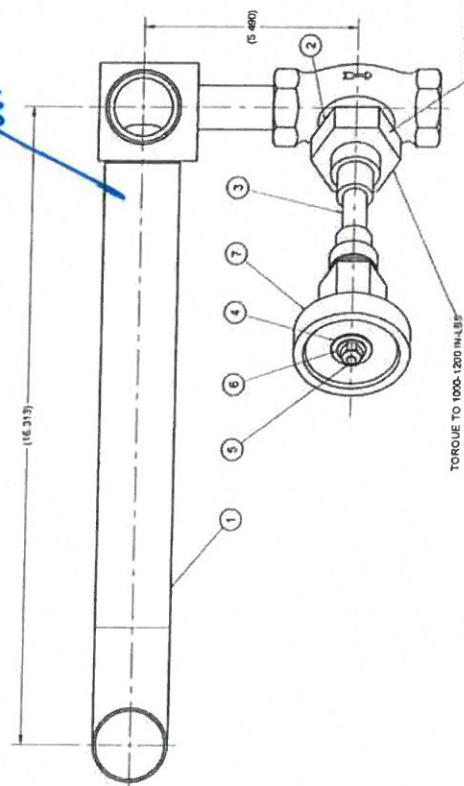
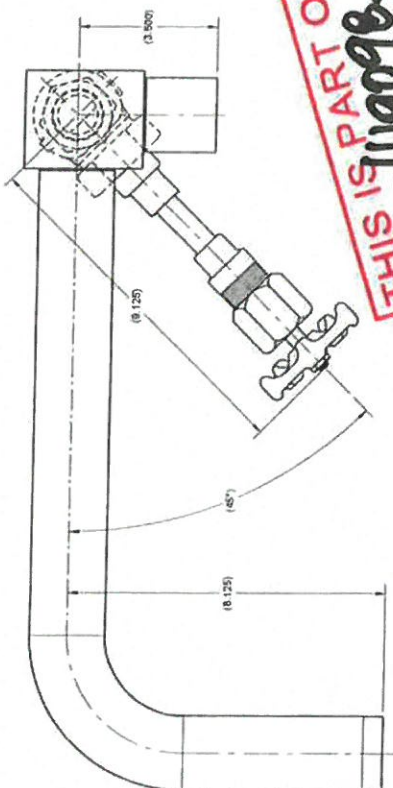
Walter Jan 17/17

ASSEMBLY NUMBER	①
MVESD	BRAZED ASSEMBLY
MVESD-S	MVESD-2
	MVESD-2 S

THIS IS PART OF
CRN 0119098-5
Technical Standards & Safety Authority
Boilers & pressure Vessels
Safety program
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- NOTES:**
1. CLEAN ALL COMPONENTS PER B-11550-400 FOR OXYGEN SERVICE JUST PRIOR TO ASSEMBLY
 2. TEST PER 9400-100
 3. TORQUE TAG TO HANDWHEEL/ITEM
 4. ASSEMBLY TO O-40-50/FITURE #100018 PRIOR TO SHIPPING
 5. ATTACH CLOSURES TO ALL END CONNECTIONS
 6. SEAL PRODUCT IN POLYBAG AND INCLUDE OXYGEN CLEAN INFORMATION ON ON BAG
 7. REFERENCE CHART DRAWING NUMBER B-14171958.

[illegible]

TORQUE TO 1000-1200 IN-LBS

CHART

APPROVED/CONTROLLED