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www.tssa.org

January 11, 2017

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

Service Request Type: BPV-Fitting Registration

Service Request No.: 2000416

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.: 0H19073.5

Main Design No.:

Dwg. No. MVE7C SER Rev. A, Economizer Circuit Assembly w/o Check Valve

Expiry Date:

11-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
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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**

which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;

(Title of recognized North American Standard)

☐ 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 **16th** day of **December** AD 20 **16**

Commissioner for Oaths:

Marisa E. Elliott

(Printed name)

Marisa E. Elliott

(Signature)

Chad M. 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 **H1**

CRN:

Registered by:

Dated:

NOTE: This registration expires on:

PV (CSA Standard B51)

Technical Standards and Safety Authority

REGISTERED

0419073.5

0419073.5

C.R.N. 0419073.5

0419073.5

0419073.5

0419073.5

MARISA E. ELLIOTT
NOTARY PUBLIC
ALAMANCE COUNTY
NORTH CAROLINA

My Commission Expires **8/31/2021**

NOTE:

Category	System Number	Description	Drawing Number	Body Number	Body Material	Service Pressure
H	MVE7C	Economizer Circuit Assembly	9475ES-1A	9475ES-1A	Forging Brass, UNS C37700, ASTM B283	600
			1337-58S	1337-58S	Stainless Steel Pipe, ASTM A249, TP304L	600
			1337CS-22 SER	1337CS-22A	Stainless Steel Pipe, ASTM A249, TP304L	600
			1337-50AS	1337-50AS	Stainless Steel Pipe, ASTM A249, TP304L	600
			BK9450-5	BK9450-5	FC Brass Rod, UNS C36000, ASTM B16	600

THIS IS PART OF
CRN 0119073.5
 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program
Wade Jan 11/17



THIS IS PART OF
CRN 0419073.5
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program

ASSEMBLY NUMBER	①
MVE7C	BRAZED ASSEMBLY
MVE7C-S	MVE7C-2A
MVE7C-S	MVE7C-2AS

8	1	TAG, TORQUE (600 - 1100) (NOT SHOWN) SEE NOTE 3	B-9403-50A
7	1	HANDWHEEL	6600-30G
6	1	WASHER	AM016B-7SS
5	1	NUT, LOCK	450029
4	1	TAG HCX-17 ECONOMIZER	11573-503
3	1	GASKET	3432S-15
2	1	NIT. UPPER ASSY (UNTESTED)	B-9450-NTU
1	1	BRAZED ASSY	IN/ETC-2A SER

[illegible]

4. ATTACH CLOSURES TO ALL END CONNECTIONS TO PROTECT AND SEAL OPENINGS.