



345 Carlingview Drive
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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.: 2000406

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.: 0H19075.5

Main Design No.: Dwg. No. CFM4D Rev. F, Manifold for 1-1/2" Fill Assembly

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
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 Declarant)

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:

OH19075.5

Registered by:

MARK VALCIC, P.ENG.

Dated:

JAN 11, 2017

NOTE: This registration expires on:

JAN 11, 2027

PV 0554 (Rev. 01)

**NOTE: DWG. No. CEM40 REV. F
MANIFOLD FOR 1-1/2" FILL ASSEMBLY. 1/11/17**

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

my commission expires 8/31/2024

Chad Thomas

**REGISTERED
Technical
Standards
and Safety
Authority**

OH19075.5

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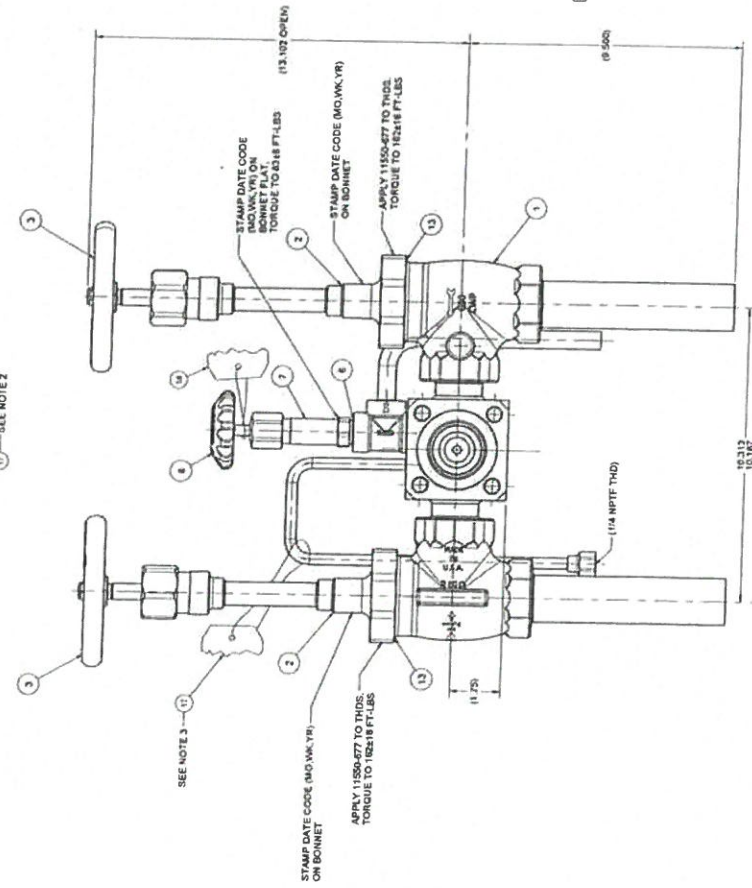
REGISTERED

REGISTERED

Category	System Number	Description	Drawing Number	Body Number	Body Material	Service Pressure
H	CFM4D	Manifold	450154	450154	Stainless Steel Pipe, ASTM A249, TP304L	600
			450043	450043	FC Brass, UNS C36000, ASTM B16	600
			1337C-22 SER	1337C-22C	Stainless Steel Pipe, ASTM A249, TP304L	600
			1337-63	1337-63	Stainless Steel Pipe, ASTM A249, TP304L	600
			450059	450059	Stainless Steel Pipe, ASTM A249, TP304L	600
			B-8400-12C	B-8400-12C	Bronze Cast Alloy, UNS C92200, ASTM B61	600



Walter Jones 11/17



- 8. NOTES:**
1. CLEAN AND PACKAGE PER 8-1155-420 COVERED SERVICE. SEE RESPECTIVE ASSEMBLY DRAWINGS FOR DETAILS, ASSEMBLY & TEST IN CLEAN AREA.
 2. USE STAMP "1950" IN TORQUE BOX OF (3) TORQUE TAGS AND ATTACH TAGS TO HANDWHEELS.
 3. USE STAMP "11" IN TORQUE BOX OF (1) TORQUE TAG AND ATTACH TO RUBER TUBE ASSEMBLY.
 4. TEST PER 8400-100.
 5. ATTACH CLOSURES TO ALL END CONNECTIONS TO PROTECT & SEAL OPENINGS.
 6. DIMENSIONS REQUIRED TO BE INSPECTED ARE NOTED WITH TOLERANCES.
 7. 8-1412-2 PART DICE ASSEMBLY (#19) TO BE USED WITH 8-1411-2 KIT-1 UPPER ASSEMBLY (#2).

[illegible]