

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

www.tssa.org

January 16, 2017

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

Service Request Type: BPV-Fitting Registration

Service Request No.: 2000394

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.:

0H19087.5

Main Design No.:

Dwg. No. MVE8C Rev. G, Economizer Assembly with Check Valve

Expiry Date:

16-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: <u>mvalcic@tssa.org</u>



Technical Standards and Safety Authority 345 Carlingview Drive Toronto, Ontario M9W 6N9 Fax: 416.231.6183 Customer Service: 1.877.682.8772 www.tssa.org

#### National Design Registration Application for a CRN

Technical Standards and Safety Act Boilers and Pressure Vessels Regulation

**INTAKE GROUP** 

| Date of Application (mm/dd/yyyy 12/16/2016                  |                                       | ease attached request form)                          | SR#: 2000374 -01   |
|---|---------------------------------------|--|--|
| Please indicate the type of do                              |                                       | sure Vessel  | Agent: 2000 \$400 - N  |
|   | (ii applicable)                       | Section B: Invoicee                                  | Same as: ✓ A C D   |
| Section A: Submitter Company Name: ENGINEERED CONTROLS INTE | RNATIONAL, LLC.                       | Company Name:  | Same as. VALCLD  |
| 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: 336-449-7707                                     | Fax:                                  | Telephone:   | Fax:   |
| Contact Name: CHAD THOMAS                                   |                                       | Contact Name:  |  |
| E-mail: cthomas@regoproducts.c                              | com                                   | E-mail:  |  |
| Job No./Reference:  |                                       | Purchase Order No.:                                  |  |
| Drawing/Catalog No.: \(\sqrt{\chi}\)                        | 1E8C                                  |  |  |
| Acct/Cust No.: A. 400                                       | 283 0.9139                            | 15 Acct/Cust No.:                                    |  |
| Section C: Owner of Desi                                    |                                       | D Section D: Manufactu<br>(If more then one please a |  |
| Company Name:   |                                       | Company Name:  |  |
| Address:  |                                       | Address:   | 113 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  |
| City/Town:  | Province/State:                       | City/Town:   | Province/State:  |
| Postal/Zip Code:  | Country:                              | Postal/Zip Code:                                     | Country:   |
| Telephone:  | Fax:                                  | Telephone:   | Fax:   |
| Contact Name:   |                                       | Contact Name:  |  |
| E-mail:   |                                       | E-mail:  |  |
| Acct/Cust No.:  |                                       | Acct/Cust No.:                                       |  |
| Registration required in the f                              | ollowing jurisdictions:               |  |  |
| ✓ Ontario ✓ British Columbia ✓ Alberta                      | ✓ Saskatchewan ✓ Manitoba ✓ Quebec    | ✓ New Brunswick ✓ Nova Scotia ✓ Prince Edward Island | <ul> <li>✓ Newfoundland and Labrador</li> <li>✓ Yukon</li> <li>✓ Northwest Territories</li> <li>✓ Nunavut</li> </ul> |
| Deposit included: CDN \$60                                  | 00.00 - Ontario and up to 2 addition  | al provinces CDN \$1,200.00                          | - Ontario and 3 or more additional provinces   |
| Chec  | que No                                | Amount \$  |  |
| (Deposit to be applied to the incur                         | red fees when all jurisdictions are c | complete – any charges over and above                | ve deposit amount will be invoiced at that time.)  |
| Return mail address: A                                      | B C Optiona                           | Account N  Date (mgn/dd/yyyy): 12                    | lo.:   |
| Date: JAN 16, 72 (mm/dd/yyy/y) PV 09557 (06/16)             | 0/7 Reviewing Engine                  | er. Manu Valcic C                                    | RN Issued: 0H19087.5   |



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



#### Safety Proe (4) do solemnly declare that the fittings listed hereunder, which are subject to the Technical Standards and Safety Act, Boilers 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, type fittings. In support of of Hamance, N. pressure (Title of recognized North American Standard) Which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings 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 (Fax No.) pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service. Signature of Declarer Standards and Safety Authority 336-449-7707 Technical STATUTORY DECLARATION (Telephone No.) (Name and Position, e.g. President, Plant Manager, Chief Engineer) ECONOMITER ASSEMBLY WITH CHECK VALUE, Declared before me at Engineered Controls Intil | Fin the COUNTY Registration of Fittings ety Act, Boilers and Pressure Vessels Regulation, and (drawings, calculations, test reports, etc.) To the best of my knowledge and belief, the application meets the requirements of the and Pressure Vessels Regulation, comply with all of the requirements of FOR OFFICE USE ONLY 4N16, 2017 The items covered by this declaration, for which I seek registration, are category "H" (Name of Manufacturer) this application, the following information and/or test data are attached as follows: day of DRIEMBER AD 20 16 LAN 16, 2017 of ENGINEERED CONTROLS INTERNATIONAL. LLC Located at 100 REGO DRIVE, ELON, NC - 27244 , CHAD THOMAS, VP GLOBAL ENGINEERING Marian E. Ellist NOTE: Thiş registration expires on: Marism E. Ellio# (Signature) Technical Standards and Sa Commissioner for Oaths: CSA Standard B51 and is a SEE ATTACHED LIST leth Registered by: Dated: CRN:

MY CUMMISSIM EXPINES 8/31/2021

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ALAMANCE COUNTY

NOTARY PUBLIC

NORTH CAROLINA

MARISA E. ELLIOTT

| Control of the Contro |        |             |                            |             |   |          |
|--|--------|-------------|----------------------------|-------------|---|----------|
| Category   | System | Description | Drawing Number Body Number | Body Number | Body Material                                 | Service  |
| I  | MVF8C  | Fronomizor  | 04766644                   |             |   | Pressure |
|  |        | Assembly    | 94/5ES-1A                  | 9475ES-1A   | Forging Brass, UNS C37700, ASTM B283          | 009      |
|  |        |             |                            |             |   |          |
|  |        |             | 1337-58                    | 1337-58     | Chainless Chael Diag Actas 42.40 Tages        |          |
|  |        |             |                            | 200         | Stalliess Steel Fibe, ASTM A249, 1P304        | 009      |
|  |        |             | 1337C-22 SER               | 1337C-22A   | Stainless Steel Dine ACTM ADAM TODAM          |          |
|  |        |             | 1227 504                   | 1000        | Statistical area in the, Aprilli A249, 17304L | 009      |
|  |        |             | 1337-30A                   | 1337-50A    | Stainless Steel Pipe. ASTM A249 TP20A1        | 000      |
|  |        |             |                            |             |   |          |





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

March 13, 2017

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

Service Request Type.: BPV-National BC

Service Request No.: 2020048

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.: 0H19087.51.

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



505 - 6th Street, Suite 200 New Westminster, BC V3L 0E1

> Toll Free: 1-866-566-SAFE Fax: (778) 396 - 2064 www.safetyauthority.ca

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

Date:

February 11, 2017

Account #: 35231 Journal #: 67301 Our File #: 5611392

Attn: TANYA FRANCIS

Application for Design Registration

The design, as detailed in your, TSSA SR# 2020048, for a Fitting is accepted for registration as follows:

Registered To: ENGINEERED CONTROLS

INTERNATIONAL LLC

CRN:

0H19087.51

MAWP: 600 psig

Drawing #: MVE8C

Drawing Revision: G

#### Conditions Of Registration:

Registration of Economizer Assembly w/Check Valve per scope & dwg sheet (att'd 2 pgs).

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 January 16, 2027. 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@safetyauthority.ca Design Administration

cc:

|   |                                      | I             | Category         |
|---|--------------------------------------|---------------|------------------|
|   |                                      | MVE8C         | System<br>Number |
|   | Assembly                             | Economizer    | Description      |
| 1337-58<br>1337C-22 SER<br>1337-50A   | 94/5ES-1A                            |               | Drawing Number   |
| 1337-58<br>1337C-22A<br>1337-50A  | 9475ES-1A                            | Towy wallings | Body Number      |
| Stainless Steel Pipe, ASTM A249, TP304L Stainless Steel Pipe, ASTM A249, TP304L Stainless Steel Pipe, ASTM A249, TP304L | Forging Brass, UNS C37700, ASTM B283 | Body Material |                  |
| 600   | Pressure<br>600                      | Service       |                  |





| To:       | TSSA                                    | From:     | Janet Townsend |
|-----------|---|-----------|----------------|
| Company:  | Engineered Controls International, LLC. | Phone:    | 416-747-4291   |
| Pages:    | 8                                       | Location: | Toronto        |
| Our File: | ANR-4437                                | Date:     | April 20, 2017 |

Your File: 2020056

Subject: Request for Design Registration

Dear Ms. Francis,

CSA has reviewed the documentation submitted by TSSA on behalf of Engineered Controls International, LLC.

These fittings have been registered by CSA for the Province of Québec. In accordance with an agreement between CSA, the Provinces of Québec and Saskatchewan; this registration is recognized by Quebec and Saskatchewan. These fittings are acceptable for use in these Provinces.

The letters CSA will be applied as a prefix to the CRN indicate which fittings have been registered in this manner. A copy of the stamped Statutory Declaration is attached.

The CRN is CSA-0H19087.56.

A copy of the Statutory Declaration with an original stamp affixed will be forwarded to you along with our invoice by regular mail.

Yours truly

Janet Townsend Program Manager

**CSA Group** 

Alberta Municipal Affairs

## STATUTORY DECLARATION Registration of Fittings

|  | 7  |   |  |  |   | A Poly   |
|--|--|---|--|--|---|--|
| In this space, show facelinide of manufacturer's logo or tradement as it will appear on the fitting.   | Safety Codes Act<br>which specifies the dimensions,  | arking of the fittings, or<br>and are therefore manufactured<br>as sumorted by the effectured | rature ratings and the basis   | program which has been<br>for the manufacture of these<br>registration, are  | e attached:   | Or HAWANCE NC Grownco or assis)  Why Designation of applicant  |
| VP SETS MESSING CONTROL OF STATE OF STA | A hereunder, which are subject to the Safety (************************************   | sture ratings and identification mark<br>inized North American standard an<br>as              | (the of code of construction or other applicable document) the dimensions, materials of construction, pressure/tempt the marking of the fittings for identification.   | gs is controlled by a quality control  UL MC as being sultable by this declaration, for which I see  | n of tittings) on, calcutations and/or test data ar   | 10 the COUNTY of A |
| (name of applicant) (position tite)  of Engineers of Car No La (name of manufacture)  located at 160 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2   | do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (check one) $\Box$ —comply with the requirements of $\gamma \Sigma N$ ; $\zeta S S V$ which specifies the transmitted North American Standard) | d by th   | (title of construction or other applicable document) data which identifies the dimensions, materials of construction, pressure/femperature ratings and the basis for such ratings, and the marking of the fittings for identification. | I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, \(\int\tau\) \(\int\ta | in support of this application, the following information, calcutations and/or test data are attached: $C_{c} = \alpha + (g_{c} + L_{c} + $ | Ellan (eth) of Delember Marth) in a holary Pusic) GOLATY in a rhozary Pusic)   |
| of Char  | do solemniy de (check one)   | are not covere to comply with   | data whi<br>for such   | I further declare verified by the fiftilings to the st   | In support of thi   | This ILP MANASA E (sign) MANASA E (sign) MANASA E (sign) Commissioner of Ost (so Commissioner of Ost ( |

ALAMANCE COUNTY NORTH CAROLINA MARISA E. ELLIOTT NOTARY PUBLIC

Commission expires 8/31/2021

CSA-DHI9087.56

To the bast of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CRA.
Standard B51, Clause 4.2, and is accepted for registration in Category
A. BANUMTT
Registration Number: CSA OHI9087.56 Date Registered:

A. BANWATT

APRIL-12.2017 Explry Date: JAN-16-2022 Registration Process administered by the Aberta Beliefy Codes Act and Registered (66A Group per CSA B51)

Note: See attachment as the scope of registration.



CRN: CSA-OH19087 56 Registration Process administered by CSA Group per CSA B51 REGISTERED

Technical Review performed per CSA B51 Performed by: ANRIC Enterprises Inc.

Signed: athrea

12 April 2017

| Œ  |               |                                      |                    |                    | _                                      | Т                                       | т-                                      |
|--|---------------|--------------------------------------|--------------------|--------------------|--|---|---|
|  | 9010000       | Pressure                             | 009                |                    | 009                                    | 900                                     | 009                                     |
| Property of the Park of the Pa | Body Material | Forging Brass, UNS C37700 ACTAA B-0- | 5979 MICY (20, 12) | Stainless Stan Min | Children Steel Pipe, ASIM A249, TP304L | Stainless Steel Pipe, ASTM A249, TP304L | Stainless Steel Pipe, ASTM A249, TP304L |
| Body Number  |               | 9475ES-1A                            |                    | 1337-58            | 1337C-22A                              | 1337.EnA                                | WOC-VCCT                                |
| Drawing Number   | A DEPT.       | 9475ES-1A                            |                    | 1337-58            | 1337C-22 SER                           | 1337-50A                                |   |
| Description  |               | Assembly                             | , macinion         |                    |  |   |   |
| System   | MVFR          |                                      |                    |                    |  |   |   |
| Gategory   | I             |                                      |                    |                    |  |   |   |

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Technical Standards & Safety Authority
Boilers & Pressure Vessels
Boilers & Program

178 Rexdale Blvd. Toronto, Ontario Canada M9W 1R3 Tel: (416) 747-4000 www.csagroup.org



March 2017

#### CRN - Canadian Registration Numbers - Saskatchewan

The Province of Saskatchewan participates with Quebec and the Canadian Standards Association (CSA Group) for the registrations of "Fittings".

Per an agreement with CSA Group in April 1998, Saskatchewan recognizes registrations done by CSA Group and accepts such fittings for use in Saskatchewan.

The letters "CSA" are applied as a prefix to the CRN to indicate which "Fittings" have been registered in this manner. You should inform your clients of this additional marking requirement and that "Fittings" registered by CSA Group are accepted for use in Saskatchewan Canada.



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

May 03, 2017

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

Service Request Type.: BPV-National MB

Service Request No.: 2020066

Your Reference No.:

Registered to.: ENGINEERED CONTROLS INTERNATIONAL LLC

Dear CHAD THOMAS,

Please find enclosed the original response from MB, registered under the CRN No.: 0H19087.54.

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



#### Inspection and Technical Services Manitoba

500 - 401 York Avenue Winnipeg Manitoba R3C 0P8 T (204) 945-3373 F (204) 948-2309

www.firecomm.gov.mb.ca/codes\_steam\_pressure.html

April 18, 2017

TSSA 345 Carlingview Drive Toronto, ON M9W 6N9

Attn: Tanya Francis

#### REGISTRATION OF VALVES AND FITTINGS

Manufacturer: ENGINEERED CONTROLS INTERNATIONAL LLC

The design(s) for the following Valves/Fittings has been received by us and has been examined and accepted for registration in the Province of Manitoba as follows.

| DRAWING / CATALOGUE | CRN        | FILE  |
|---------------------|------------|-------|
| MVE8C REV. G        | 0H19087.54 | 37550 |

An invoice covering survey and registration fees is enclosed.

#### NOTE:

- CRN registered under reciprocal agreement & is conditional based on compliance with the notes set by the original issuing Jurisdiction: **TSSA**.
- See attached stamped "this is part of CRN" for scope of registration.
- This registration expires Jan 16, 2027.

This registration is valid until the indicated expiry date only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date. Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

The registration of this design does not relieve the manufacturer, the owner or his agent of the responsibility for the design or construction of a fitting in accordance with the applicable Acts, Codes and Standards. Inspection and Technical Services assumes no responsibility by registering designs, examining plans and/or inspecting equipment or facility.

Yours truly

Rabie Harb, E.I.T.

Design Surveyor

Office of the Fire Commissioner

Inspection and Technical Services Manitoba

508 - 401 York Avenue

Winnipeg, Manitoba, R3C 0P8

Phone: 204-945-3373

Email: rabie.harb@gov.mb.ca

Alberta Municipal Affairs



# STATUTORY DECLARATION Registration of Fittings

W P J ERRINGS (A) as it will appear on the fitting. are not covered by the provisions of a recognized North American standard and are therefore manufactured as supported by the attached which specifies the dimensions, materials of construction, pressure/temperature ratings and identification marking of the fittings, or do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act 20-2724 (position title) (must be in a position of authority) Internetion (title of recognized North American Standard) (title of code of construction or other applicable document) B31:1 Elen Comply with the requirements of NSM & (name of manufacturer) (plant address) 100 12ex Chad Thomas Engineere to comply with located at

Office of the Fire Commissionar

Manitoba M

verified by the following authority, 150700/104 /V/C as being suitable for the manufacture of these I further declare that the manufacture of these fittings is controlled by a quality control program which has been fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are for such ratings, and the marking of the fittings for identification. (brief description of fittings) コピュ Category

Date: 2017/18

C.R.N.: Signed:

data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis

In support of this application, the following information, calculations and/or test data are attached: Cist T attached NA PA

Alamance, NC o in the COWHY day of DRCEMIDEN Mansa E Ellioth (a Commissioner of Oaths or Notary Public) (a Commissioner of Oaths or Notary Public E E For ABSA Office Use Only: DECLARED before me at Coty (print) (sign)

ALAMANCE COUNTY MARISA E. ELLIOTT NORTH CAROLINA NOTARY PUBLIC

MY CUMMISSION CKDINGS 8/31/2021

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Clause 4.2, and is accepted for registration in Category  $\frac{1}{1}$ (Signature of the Administrator/SCO) H19687-54 Registration Number:

The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Pressure Equipment Discipline. 0

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419

Date Registered:

Expiry Date:

120

| Number         Description         Drawing Number         Body Number         Body Number         Body Material         Service           MVE8C         Economizer         9475ES-1A         9475ES-1A         9475ES-1A         Forging Brass, UNS C37700, ASTM B283         600           Assembly         1337-58         1337-58         Stainless Steel Pipe, ASTM A249, TP304L         600           1337-22 SER         1337-50A         Stainless Steel Pipe, ASTM A249, TP304L         600 | G)      | Cuchom |             |                       |             |   |          |
|---|---------|--------|-------------|-----------------------|-------------|---|----------|
| Economizer         9475ES-1A         9475ES-1A         Forging Brass, UNS C37700, ASTM B283           Assembly         1337-58         1337-58         Stainless Steel Pipe, ASTM A249, TP304L           1337C-22 SER         1337-50A         Stainless Steel Pipe, ASTM A249, TP304L  |         | Number | Description | <b>Drawing Number</b> | Body Number | Body Material                           | Service  |
| Assembly 1337-58 1337-58 Stainless Steel Pipe, ASTM A249, TP304L 1337-50A 1337-50A Stainless Steel Pipe, ASTM A249, TP304L  |         | MVF8C  | Fronomizor  |                       |             |   | Pressure |
| 1337-58       Stainless Steel Pipe, ASTM A249, TP304L         1337C-22 SER       1337C-22A       Stainless Steel Pipe, ASTM A249, TP304L         1337-50A       Stainless Steel Pipe, ASTM A249, TP304L   |         |        | Assembly    | 94/5ES-1A             | 9475ES-1A   | Forging Brass, UNS C37700, ASTM B283    | 900      |
| 1337-58       Stainless Steel Pipe, ASTM A249, TP304L         1337C-22A       Stainless Steel Pipe, ASTM A249, TP304L         1337-50A       Stainless Steel Pipe, ASTM A249, TP304L  |         |        |             |                       |             |   |          |
| 1337C-22A Stainless Steel Pipe, ASTM A249, IP304L 1337-50A Stainless Steel Pipe, ASTM A249, TP304L  | $\perp$ |        |             | 1337-58               | 1337-58     | Stainless Steel Ding ACTAA A340 TB3041  |          |
| 1337-50A Stainless Steel Pipe, ASTM A249, TP304L Stainless Steel Pipe, ASTM A249, TP304L  |         |        |             | 13375 22 550          | 7           | Stanness Steel ripe, ASTIM A249, 1P304L | 009      |
| 1337-50A Stainless Steel Pipe, ASTM A249, TP304L  | L       |        |             | 1331C-22 3ER          | 133/C-22A   | Stainless Steel Pine ASTM A249 TD2041   | 000      |
| 1337-30A Stainless Steel Pipe, ASTM A249, TP304L  |         |        |             | 1337-504              | 1227 504    | 1400 11 75 11 204 IL 204 IL 204 IL      | 900      |
|   |         |        |             | V00 1001              | T337-30A    | Stainless Steel Pipe, ASTM A249. TP3041 | 600      |
|   |         |        |             |                       |             |   | 000      |





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

April 11, 2017

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

Service Request Type.: BPV-National ACI Central

Service Request No.: 2020038

Your Reference No.:

Registered to.: ENGINEERED CONTROLS INTERNATIONAL LLC

Dear CHAD THOMAS,

Please find enclosed the original response from PEI,NS,NB,NFLD,YK,NWT,NU, registered under the CRN No.: 0H19087.59870YTN.

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,

Tanya Francis
Administrative Assistant\_ BPV Engineering

Tel.: 416-734-3423 Fax: 416-231-6183 Email:tfrancis@tssa.org

## UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS ISWICK NOVA SCOTIA PRINCE EDWARD ISLAND

| NEW BRUNSWICK<br>NUNAVUT   | NOVA SCOTIA<br>YUKON  | PRINCE EDWARD ISLAND<br>NORTHWEST TERRITORIES                           | NEWFOUNDLAND AND LABRADOR  | x  |
|--|---|---|--|----|
| MANUFACTURERS NAME   |   |   |  |    |
| MANUFACTURERS ADDR   | ESS: DIOPPOR  | comprole sinte  | Thatima LIC  |    |
| PLANT LOCATIONS:   | 100 Ker   | o Prive el  | m. NC-272111   |    |
|  | some or a   | bore  | ,  |    |
| A Pine Ollines lectualise as   | FITTINGS TO BE REGISTERED, CI   | CLE ONE CATEGORY ONLY   | TITLE OF THE STANDARD OF CONSTRUCTION  |    |
| B Flanges: all flanges   | puplings, tees, elbows, Ys, plugs, unto                                   | ns, pipe caps, or reducers  | _  -   | N. |
| C Valves: all line valves  | •   |   | ASME B31.1   |    |
| D Expansion joints, flexible   | connections, and hose assemblies:   | all types   | // //  |    |
| E Strainers, filters, separat  | ors, and sleam traps<br>ding pressure gauges, level gauges, s             | •                                 |  |    |
| I biografia natibilitata   |   |   | 1  |    |
| G Certified capacity-rated p   | prossure relief devices acceptable as p                                   | orimary over pressure ombertion on                                      | 1  |    |
|  |   |   | 1  |    |
| N Nuclear components: Cl   | onents that do not fall into one of the                                   | bove calogories   |  |    |
| SHOW MANUFACTURERS   | DAME TO Class 2 Class 3 C, (Me  | oting AECB or ASME requirements)  | 1  |    |
| MTG I MTG AT TO THE TOTAL TO TH | NAME. TRADEMARK, OR LOGO AS   | IT WILL APPEAR ON THE PRODUCT   |  |    |
|  |   |   | CAST O OTHER O   |    |
| الجالكال   | (a) (B)   |   | DESCRIBE OTHER   |    |
|  |   |   |  |    |
| -12-1  | 2 STRUMBIN  |   | 1  |    |
| LIST OF SUPPORTING DO  | CUMENTATION AND IDENTIFICATI  | ON OF THE ACTUAL ITEMS TO BE RE   | GISTERED:  |    |
|  | <b>-</b>  |   |  |    |
|  | e aflached  | 1: s-   |  |    |
|  | e allamed   | let .   |  |    |
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| •  |   |   |  |    |
| DECLARATION:   |   |   |  |    |
| chard /har   | nal (see note 3) employed by  | ECILLE and  |  |    |
| egpongionity for the quality   | Of the end product do solomely  | and and the state of the  | ng the person having full authority and<br>d in this form is true and to the best of |    |
| ny knowledge represents t  | he product for which registration I                                       | sciere that the information contained sought. The dimensions, materials | s of construction presents   |    |
| emperature raunga, and id  | entification markings are in accord                                       | s sought. The dimensions, materials fance with the herein named standa  | irds. I further declare that the   |    |
| or in part and has been ven  | is to regulated by a Quality Coning                                       | Program which extends to each pla                                       | ands. I further declare that the ant where fabrication occurs in whole               |    |
| lectaration conscientiously  | ballaving it to be true and knowle  | in that it is of the same force and eff                                 | at purpose and I make this solemn  |    |
|  | 11/11/01  | ig that it is of the same force and eff                                 | fect as If made under oath.  |    |
| Signature of Declarer:   | Malle Str   | M   | ARISA E. ELLIOTT   |    |
| eclared before me at   | namered Controls Int  |   |  |    |
| 1, 11.   |   | USETHIS!  | NOTARYEPUBLIC HE   |    |
| aa) ci <u>J</u>  | erember ao 2016   | —— OFALL  | AMANCECOUNTY   |    |
| Commissioner of Daths  | Marian C CODE   | N   | ORTH CAROLINA  |    |
| r Notary Public: (sign)  | Marisa E. Glliot  | 100   | OKTI CAROLINA  | 71 |
|  | (Affix Official seal to the right)  | my co   | mmission expires 8/31/   | 4  |
|  | This space for  | or Regulatory Authority use   |  |    |
| ותד  | is registration must be revalidated                                       | after ten (10) years from the   | É ECCENTANCA.  |    |
| CRN: 0H19087.5   |   | ACC.  | ICE EDWARD ISLAND  |    |
| CRN: SILIYOUTIS  | <del></del>   | PROVINCE OF PRIN  | CE TO WAITO MEANS  |    |
| FID#: _ 1704   |   | COMMUNITIES, LA   | ND & ENVIRONMENT   |    |
|  |   | C.Z.N. 0 14 1   | 9087.89  |    |
|  |   | C.iCN.  | 2 2 1/12   |    |
| Notes:<br>1. All fillings shall be maleton   | ad in the name of the bi-   | DATE:   | ext 2/1/4  | =  |
| 2. Each category shall be sug  | ed in the name of the Manufacturer, ported with two Statutory Declaration |   | 1-   |    |
| roms and one copy of suppor  | 100 documentation   |   |  |    |
| <ol> <li>The declaration shall be m:</li> </ol>  | ade by the person having full authority                                   |   | ERVICES SECTION  |    |
| responsibility for the quality of  | the end product.  |   | RE VESSEL BRANCH   |    |
| at a maximum interval of five (  | hall be resubmitted for validation  |   |  |    |
|  | -, , , , , , , , , , , , , , , , , , ,                                    |   |  |    |
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|  |   |   |  |    |

| NEW BRUNSWICK<br>NUNAVUT   | NOVA SCOTIA<br>YUKON   | PRINCE EDWARD ISLAND NORTHWEST TERRITORIES | NEWFOUNDLAND AND LABRADOR  |
|--|--|--|--|
| MANUFACTURERS NAME   | Empire   | CILIAN                                     |  |
| MANUFACTURERS ADDR   | ESS: JOS TO  | controls 20+                               | ornational LLC   |
| PLANT LOCATIONS:   | same as  | Sa Prive, E                                | on, NC-27244   |
| CATEGORY OF F  | ITTINGS TO BE REGISTERED.  | CIRCLE ONE CATEGORY ONLY                   | TIFLE OF THE STANDARD OF CONSTRUCTION  |
| A Pipe fittings, including co  | uplings, tees, elbows, Ys, plugs, ur   | nions, pipe caps, or reducers              | THE STATE OF CONSTRUCTION  |
| C Valves; all line valves  | *  |  | ASME B31.1   |
| D Expansion joints, flexible   | connections, and hose assemblies   | : all types                                | 1 141116 10011   |
| L = otrainers, niters, separate  | ding pressure gauges, lavel gauges   | (53)                                       |  |
|  |  | W.   |  |
| G Certified capacity-rated p boilers, pressure vessels   | ressure reliaf davices acceptable a  | s primary over pressure protection on      | M3   |
| H Pressure retaining compo   | ments that do not fall into one of th  | e above calegories                         |  |
| N Nuclear components: Cla  | ass 1 D Class 2 D Class 3 D. (N  | Meeting AECR or ASME moulements            |  |
| SHOW MANUFACTURERS   | NAME, TRADEMARK, OR LOGO   | AS IT WILL APPEAR ON THE PRODUC            | I IYPE OF CONSTRUCTION   |
|  | CANADA AND   |  | FORGED OF WELDED CO WROUGHT CO   |
|  |  | · ·  | DESCRIBE OTHER:  |
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| LIST OF SUPPORTING DO  | CLIMENTATION AND IDENTIFIE   |  |  |
| BIGT OF CONTINUO DO  | COMENTATION AND IDENTIFICA   | ATION OF THE ACTUAL ITEMS TO BE F          | REGISTERED:  |
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| _se  | e aflached   | let  | 1  |
|  | MANUFACTURE AND  | 200  | ŀ  |
|  | * *  | •  |  |
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| •  |  | *  | 1  |
| DECLARATION: There   | 2000   | CATILLA                                    |  |
| responsibility for the quality   | of the and amount do an land   | ECT LLC and be                             | eing the person having full authority and  |
| my knowledge represents t  | he amount for which moletaile  | y decisio mat me imormation contain        | ed in this form is true and to the best of   |
| lemperature ratings, and id  | entification markings are in acc   | ordance with the herein named stand        | lards. I further declare that the  |
| or in part and has been ver  | is is regulated by a Quality Con   | Program which extends to each p            | lards. I further declare that the<br>plant where fabrication occurs in whole   |
| declaration conscientiously  | balleving it to be true, and kno   | wing that it is of the same force and e    | hat purpose and I make this solemn   |
|  | 11/11/1  |  |  |
| Signature of Declarer:   | NO VI  | N. N.                                      | IARISA E. ELLIOTT  |
| Declared before me at  | nginered Controls In   | FI, ELW USE THIS                           | NOTARYEPUBLICT H E   |
| This LO-M day of 1   | <u>xirember</u> ad 201   |  | LAMANCE COUNTY   |
| Commissioner of Oaths or Notary Public: (sign)   | Marisa & Gllio   |  | NORTH CAROLINA   |
| or Notary Public: (sign)   | Hansu & Gran   | MALL A                                     |  |
|  | (Affix Official seal to the right)   |  | cummission expires 8/31/21   |
| Th   | This space   | e for Regulatory Authority use             |  |
|  |  |  |  |
| CRN: 0H19087.5   |  | ted after ten (10) years from the date     | o PRESSU   |
|  |  | ted after ten (10) years from the date     | & PRESSURE L   |
| **************************************   |  | ted after ten (10) years from the date     | RESSURE VE   |
| FID#: 1704   |  | SOLLER.<br>Date                            | MOVESOTA TO PED - 21/17  |
| FID#: 1704   |  | SOLER                                      | MOVESOTA TO PED - 21/17  |
| FID#: 1704   |  | C.R.N. C                                   | ROWSOTA (1)<br>PFeb. 21/17<br>PH 19087.58  |
| FID#: 1704  Notes: 1. All fittings shall be registed. 2. Each category shall be au   | red in the name of the Manufacture   | C.R.N. C.Dwg,                              | В PRESSURE VE 1. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   |
| Notes: 1. All fittings shall be registed. 2. Each category shall be surforms and one copy of suppo   | red in the name of the Manufacture pported with two Statutory Declarat   | C.R.N. C.Dwg,                              | REPRESSURE DE LES DE LA PROPERTIE DE LA PORTIE DE LA PROPERTIE DE LA PROPERTIE |
| Notes:  1. All fittings shall be registed: 2. Each category shall be sufforms and one copy of supports. The declaration shall be more presponsibility for the quality or | red in the name of the Manufacture<br>pported with two Statutory Declarat<br>rling documentation.<br>rade by the person having full auth | C.R.N. C.Dwg,                              | ROWSOTA (1)<br>PFeb. 21/17<br>PH 19087.58  |

NOVA SCOTIA

NEW BRUNSWICK

| NEW BRUNSWICK<br>NUNAVUT                                       | NOVA SCOTIA<br>YUKON   | PRINCE EDWARD ISLAND<br>NORTHWEST TERRITORIES                    | NEWFOUNDLAND AND LABRADOR  |
|--|--|--|--|
| MANUFACTURERS NAME   | : Emple  |  |  |
| MANUFACTURERS ADDR   | ESS: JOS PROC  | controle 20-   | onetion Lic  |
| PLANT LOCATIONS:   |  | 30 Portue, E   | lan, NC-27244  |
|  | ITTINGS TO BE REGISTERED. C  | IRCLE ONE CATEGORY ONLY  | IIILE OF THE STANDARD OF CONSTRUCTION  |
| A Pipe fittings, including co<br>B Flanges: all flanges        | uplings, tees, elbows, Ys, plugs, uni  | ons, pipe caps, or reducers                                      |  |
| C Valves: all line valves                                      | V  |  | ASME B31.1   |
| D Expansion joints, flexible<br>E Strainers, filters, separate | connections, and hose assemblies:  | all types  |  |
| .F Measuring devices, include                                  | ding pressure gauges, level gauges,  | sight glasses, levels, or  | ×  |
| biessale naustninela   |  | primary over pressure protection on                              |  |
| Policia, picaguie 4622612                                      | . DIDING AND TUSIDIE DILIAS  |  |  |
| N Nuclear components: Cir                                      | onents that do not fall into one of the  | above categories   |  |
| SHOW MANUFACTURERS   | NAME, TRADEMARK, OR LOGO A   | eeting AECB or ASME requirements) S IT WILL APPEAR ON THE PRODUC |  |
| per la partire con l'Englishe de la Partir de la contra        |  | STI WILL AFFEAR ON THE PRODUC                                    | FORGED WELDED D WROUGHT D  |
| DEGA   | (A)  |  | CAST OTHER DESCRIBE OTHER:   |
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| LIST OF SUPPORT  | A STATE OF THE STA |  |  |
| LIST OF SUPPORTING DO  | CUMENTATION AND IDENTIFICAT  | ION OF THE ACTUAL ITEMS TO BE I                                  | REGISTERED;  |
|  | > 00 1 1   | 1  |  |
| ) Se   | e affached   | let  |  |
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|  |  |  |  |
| DEGLADATION *  |  |  |  |
| DECLARATION: There   | nal (see note 3) employed by_  | FCT LLC  |  |
| responsibility for the quality                                 | of the end product do colombly   | doctors that the lafe-   | eing the person having full authority and<br>ned in this form is true and to the best of   |
|  |  |  |  |
| manufacture of these fitting                                   | s is regulated by a Quality Contr  | of December which and a day                                      | dards. I further declare that the  |
|  |  |  |  |
| deciaration conscientiously                                    | believing it to be true, and know  | ing that it is of the same force and                             | effect as if made under oath.  |
| Signature of Declarer:   | bull the   | N  | IARISA E. ELLIOTT  |
|  | namered Controls Int   | VI Cina  | SNOTARYEPHBLICT HE   |
| This LOM day of D  | erember ao 2016  |  | LAMANCECOUNTY  |
| Commissioner of Oaths  | 10 - 0 000 -   |  | The state of the s |
| or Notary Public: (sign)                                       | Mansa E. Cellio  | //   | NORTH CAROLINA   |
|  | (Affix Official seal to the right)   | my g   | ammission expires 8/31/21  |
| 77.1   | This space   | for Regulatory Authority use                                     | Johnson  |
|  | s registration must be revalidate  | d after ten (10) years from the date                             |  |
| CRN: 0H19087.5   |  | 40 1930  | PUBLIC SAFETY  |
| FID#: 1704   |  | OCEER & PRE  | SSURE VESSEL ACT   |
| FID#:  | <del></del>  | REGIST   | RATION ONLY  |
| Notes:   |  |  | 141918757  |
| 1. All fittings shall be registered                            | ed in the name of the Manufacturer.  | CRN  | <u>OHI10</u> 01.01   |
| <ol><li>Each category shall be sup</li></ol>                   | ported with two Statutory Declaration  |  | h. P   |
| forms and one copy of support 3. The declaration shall be ma   | ade by the person having full authority  | y and EXAMINER:  | in home  |
| responsibility for the quality of                              | the end product.   | ā.   | for<br>ER INSPECTOR  |
| at a maximum interval of five (                                | nall be resubmitted for validation<br>5) years.  | 1 -  | LER INSPECTOR  |
|  |  | DATE: <u>Per</u>   | 0.17,2017  |
|  |  | ☐ BLRs   | □ PVs  |
|  |  |  |  |
|  |  | IX FITTINGS  | COMPONENTS   |

| NEW BRUNSWICK<br>NUNAVUT  | NOVA SCOTIA<br>YUKON                                  | PRINCE EDWARD ISLAND<br>NORTHWEST TERRITORIE   | S N           | IEWFOUNDLAND AND LABRADOR                         |     |
|---|---|--|---------------|---|-----|
| MANUFACTURERS NAME: C   | 7   |  | <i>1</i>      |   |     |
| MANUFACTURERS ADDRESS   | mgine enecl   | controle:  | Stotes        | mational LLC                                      |     |
| PLANT LOCATIONS:  | 100 Res   | 30 Paile   | <u>e</u>      | n. NC-27244                                       |     |
|   | INGS TO BE REGISTERED. C                              | above '  |               |   |     |
| A Pipe fittings, including coupling                                   |   |  | <u>.</u> Y    | TITLE OF THE STANDARD OF CONSTRUCTION             |     |
| D rianges: all nanges   |   | ions, pipe caps, or reducers   | i             | 18-15 8 1   |     |
| C Valves; all line valves   |   |  |               | ASME B311   |     |
| D Expansion joints, flexible con<br>E Strainers, filters, separators, | and steam trans                                       | and the second s |               | ,   |     |
| .F Measuring devices, including                                       | pressure gauges, level gauges,                        | sight glasses, levels, or  | 1             |   |     |
| pressure transmitters G Certified capacity-rated press                | tire relief devices recentable e                      |  |               |   |     |
| noners' higgship Ag22812' DID   | NDO ADO RISIDIA DAIRE                                 |  | ion on        |   |     |
| H Pressure retaining componen   | is that do not fall into one of the                   | above categories   |               |   |     |
| N Nuclear components: Class   | I □ Class 2 □ Class 3 □, (M                           | leating AECB or ASME requirer  | ments)        |   |     |
| SHOW MANUFACTURERS NAM  | LE. TRADEMARK, OR LOGO                                | AS IT WILL APPEAR ON THE   | PRODUCT       | TYPE OF CONSTRUCTION                              |     |
| DER O   |   |  |               | FORGED WELDED   WROUGHT                           |     |
|   | (B)   |  |               | DESCRIBE OTHER:                                   |     |
|   |   |  |               |   |     |
| LIST OF SUPPORTING DOCUM  | MENTATION AND IDENTIFICA                              | TION OF THE ACTUAL ITEMS   | 2 70 00 00    |   |     |
|   | TENTATION AND TOCKTOR                                 | HON OF THE ACTUAL HEMS   | JOBE REG      | ISTERED:  |     |
|   | aflached  | 1. 1   |               |   |     |
| Lee   | attathed  | let  |               |   |     |
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|   | Ti,   |  |               |   |     |
| ,   |   |  |               |   |     |
| DECLARATION: 77   |   | 10T 11 0   |               |   |     |
| responsibility for the quality of                                     | Isse note 3) employed by                              | ECT LLC  | and being     | the person having full authority and              |     |
| my knowledge represents the   | product for which registration                        | y deciare that the information   | n contained   | in this form is true and to the best of           |     |
|   |   |  |               |   |     |
|   |   |  |               |   |     |
| deciaration conscientiously be  |   |  |               |   |     |
|   | Compile to be tide, and know                          | wing that it is of the same to   | orce and effe | ct as if made under oath.                         |     |
| Signature of Declarer:  | valle so  | - Com  | MA            | RISA E. ELLIOTT                                   |     |
| Declared before me at Eva   | invered Controls In-                                  | FI, Elan USE   |               | OTARYEPHBLACT HE                                  |     |
| This (10 ) day of 10  | ember an 2011   |  |               |   |     |
| Commissioner of Oaths   |   | 1.   | 1             | MANCECOUNTY                                       | 2   |
| or Notary Public: (sign)  | ansu E. GDLIF   | D)   | NO            | RTH CAROLINA                                      | 191 |
|   | Affix Official seal to the right)                     |  | my car        | umission expires 8/31                             | 114 |
| This r  | egistration must be revalidat                         | e for Regulatory Authority use   | the dele et   |   |     |
| 01110007 5  | a Breat and Higgs DO (GADINGS)                        | ido anter ten (10) years nom   | i tue date of | " esta  |     |
| CRN: 0H19087.5  |   |  |               | NewforEalland                                     |     |
| FID#: 1704  |   |  |               | Labrador<br>Service NL                            |     |
| 115#  | -   |  |               | - 112 00  |     |
| Notes   |   |  |               | glatered <u>0H/4037.50</u>                        |     |
| Notes:  1. All fittings shall be registered                           | in the name of the Manufactures                       | •  | · Dat         | The state of the state of the state of            |     |
| 2. Each calegory shall be auppo                                       | rted with two Statutory Declarati                     | lon  |               | incoring and Inchestion Services                  |     |
| forms and one copy of supporting 3. The declaration shall be made     | J documentation,<br>a by the person having full muth- | ority and  | Reg           | gistored by                                       |     |
| responsibility for the quality of the                                 | a and product.  | any and  | t             | UNDER THE AUTHORITY OF THE                        |     |
| 4. Quality control programs shall                                     | be resubmitted for validation                         |  | 7745          | PUBLIC SAFETY ACCURD  BONLER, PRESSURE VESSEL AND |     |
| at a maximum interval of five (5)                                     | years.  |  | C             | ONITRESSED GAS REGULATIONS                        |     |

| NEW BRUNSWICK<br>NUNAVUT                                  | NOVA SCOTIA<br>YUKON   | PRINCE EDWARD ISLAND<br>NORTHWEST TERRITORIES | NEWFOUNDLAND AND LABRADOR  |
|---|--|---|--|
| MANUFACTURERS NAME:                                       | 2001-1   | 0-1-1   |  |
| MANUFACTURERS ADDRES                                      | S: GIRE ETTEC  | controle 20to                                 | mational LLC   |
| PLANT LOCATIONS:  | - 100 Re   | 39 Porve, Ele                                 | m, NC-27244  |
| CATEGORY OF FIT   | TINGS TO BE REGISTERED.  | CIRCLE ONE CATEGORY ONLY                      | TITLE OF THE STANDARD OF CONSTRUCTION  |
| A Pipe fittings, including coup<br>B Flanges: all flanges | lings, tees, elbows, Ys, plugs, un                               |   | ASME B31.1   |
| C Valves; all line valves D Expansion joints, flexible co | nnections, and hose assemblies:                                  | s all hone                                    | 1 17/16 D3/1/  |
| E Strainers, filters, separators                          | , and steam traps  |   |  |
| pressure transmitters                                     | g pressure gauges, level gauges                                  | , sight glasses, levels, or                   |  |
| G Certified capacity-rated pres                           | saure relief devices acceptable a:                               | s primary over pressure protection on         |  |
| boilers, pressure vessels, p                              | iping and fusible plugs<br>ents that do not fall into one of the | A above cologories                            |  |
| N Nuclear components: Class                               | 1 🗆 Class 2 🗆 Class 3 🗀. (N                                      | Meeting AECB or ASME requirements)            |  |
| SHOW MANUFACTURERS NA                                     | ME, TRADEMARK, OR LOGO   | AS IT WILL APPEAR ON THE PRODUCT              | TYPE OF CONSTRUCTION   |
|   | MATERIAL STATES  |   | FORGED WELDED   WROUGHT  |
| REGO  | ) <b>®</b>   |   | DESCRIBE OTHER:  |
| LIST OF SUPPORTING DOCL                                   | MENTATION AND IDENTIFICA   | TION OF THE ACTUAL ITEMS TO BE RE             | GISTERED:  |
|   |  |   |  |
| See   | - aflached   | list  |  |
|   | · ·  | •   | ļ*   |
|   |  |   |  |
| LaG   |  |   |  |
| DEGLADATION /   |  | •   |  |
| DECLARATION: There  | 101 (see note 3) employed by                                     | FOT LLC                                       |  |
| responsibility for the quality of                         | of the end product do solemnia                                   | v declare that the information contains       | ng the person having full authority and<br>d in this form is true and to the best of |
| THE WINDSHIPPING TODICS OF THE                            | s broduct for which maistration                                  | I IS SOUTH I DO dimensions motorial           | a of construction  |
| manufacture of these fittings                             | Is regulated by a Quality Con                                    | ordance with the herein named standa          | ards. I further declare that the   |
| or in hart and tigg hooft sollli                          |  | / / / / / / / / As heing suitable for th      | at numana and I make this selection  |
| declaration conscientiously b                             | elleving it to be true, and know                                 | wing that it is of the same force and ef      | fect as if made under oath.  |
| Signature of Declarer:                                    | by Mand  | was M   | ARISA E. ELLIOTT   |
|   | amered Controls In   |   |  |
| This LO M day of De                                       | rember at 201  | b USEITHIS                                    | NOTARYEPUBLICT HE  |
|   |  | O I MIL                                       | AMANCECOUNTY   |
| Commissioner of Oaths //<br>or Notary Public: (sign)      | Jansa E. Gllio   | 1/1   | ORTH CAROLINA  |
| o   | (Affix Official seal to the right)                               | MV C  | mmission expires 8/31/21   |
|   |  | ce for Regulatory Authority use               |  |
| This  | registration must be revalidate                                  | ted after ten (10) years from the date of     | of acceptance.   |
| CRN: 0H19087.5  |  |   |  |
|   |  | MINE  | NTOE   |
| FID#: 1704  |  | (See )  | te   |
|   |  | (ö) 10 m                                      | 119087.5   |
| Notes:  | d in the name of the Manufacture                                 |   | 2/27/2017  |
| <ol><li>Each category shall be supp</li></ol>             | orted with two Statutory Declarat                                | tion  |  |
| forms and one copy of supporti                            | ng documentation.  | No line                                       | S BRANCH   |
| responsibility for the quality of t                       | de by the person having full authorhed by the product.           | orny and                                      |  |
| 4. Quality control programs shi                           | all be resubmitted for validation                                |   |  |

at a maximum interval of five (5) years.

| UNIFORM ST   | ATUTORY DECLARATION  | FORM FOR THE REGISTS                          | ATION OF FITTING             | ESIGNS   | •     |
|--|--|---|------------------------------|--|-------|
| NEW BRUNSWICK<br>NUNAVUT   | NOVA SCOTIA<br>YUKON   | PRINCE EDWARD ISLAND<br>NORTHWEST TERRITORIES |                              | AND LABRADOR   |       |
| MANUFACTURERS NAME:  | 6-00!  |   | A                            |  | _     |
| MANUFACTURERS ADDRE  | SS: DIOP PROC  | controle &                                    | ptomation                    | melle  | ]     |
|  | 100 80   | 30 Porve                                      | elan, No                     | - 27260  |       |
|  | ITTINGS TO BE REGISTERED.  | DEDIVE  |                              |  |       |
| A Pipe littings, including cou   | uplings, toss, olbows, Ys, plugs, uni                                | long plan come or reducer                     | THE OF THE STAN              | DANG OF GONETRUCTION   | 1     |
| B Flanges: all flanges<br>C Valves; all line valves  |  | ions, pipe caps, of raducers                  | Dem I                        | - P 0 1 1  |       |
| D Expansion joints, flexible   | connections, and hose assemblies:                                    | all hines                                     | 1 44/1/6                     | B31.1  |       |
| I E Strainers, tillers, apparate   | os, and steam tons   | 870.70  |                              | ,  |       |
| presente transminera   | ling pressure gauges, level gauges,                                  |   |                              |  |       |
| G Cortified capacity-rated pr  | ressure relief dovices acceptable as                                 | primary over pressure protection              | on l                         |  |       |
| I PANDIS' DIGODOLO ADSTOLS'  | , piping and fusible plugs<br>hents that do not fall into one of the |   |                              |  | ,     |
| N Nuclear components: Cla  | 138 1 Class 2 Class 3 D. (M  | leoling AECB or ASME requiremen               | ta)                          |  | 1     |
| SHOW MANUFACTURERS   | NAME, TRADEMARK, OR LOGO   | AS IT WILL APPEAR ON THE PRO                  |                              | CONSTRUCTION   | 1     |
| The state of the s | - And and a second   | ,   | FORGED O WILDER              | O WROUGHT O  |       |
| ID)FG(   | ) <b>(B</b> )  |   | DEDCRIBE OTHER:              | U  |       |
| WERR   |  |   |                              |  |       |
| LIST OF SUPPOPTING DOG   | ALLENDA TATION AND IDEAL   |   |                              |  |       |
| EIGT OF SOFFORTING DOC   | CUMENTATION AND IDENTIFICAT  | TION OF THE ACTUAL ITEMS TO                   | BE REGISTERED;               |  |       |
|  | > 10 1 1   | 1. 1  |                              |  |       |
| <u>Le</u>  | e atlached   | let   |                              |  |       |
|  |  |   |                              |  | •     |
|  |  | 2   | 3.4                          |  |       |
|  | 9  |   |                              |  |       |
|  |  | ¥1  |                              |  |       |
| DECLARATION: There   | 001  | CAT 11 A                                      |                              |  |       |
| responsibility for the quality   | DEL (see note 3) employed by   | doctors that the leferment                    | and being the person hav     | ing full authority and   |       |
|  | of the end product do solemnly<br>he product for which registration  | le sought. The dimension co                   | intained in this form is tru | le and to the best of  |       |
|  |  |   |                              |  |       |
| or in part and has been veri   | fied by  | of Program which extends to e                 | ach plant where fabrical     | ion occurs in whole  | •0    |
| declaration conscientiously  | balleving it to be true, and know                                    | Ing that it is of the same force              | o for that purpose and I n   | take this solomn   |       |
| Signature of Doctarer:   | 1.111 0/   |   |                              | -  |       |
|  | and Aland Culturals of   | 11 C) " A                                     | MARISA E. EL                 | and a contract of the second o |       |
|  | namered Controls Int   |   | HI SNOTARYEPL                | BLACTHE  |       |
| This (Q-)M _day of D   |  |   | FALAMANCEC                   | OUNTY  |       |
| Commissioner of Oaths  | Marisa E. Gllio  | tı l  | NORTH CAR                    | OLINA  | 1.    |
| or Notary Public; (sign)   |  | m m   |                              |  | 1121  |
|  | (Affix Official seal to the right)                                   |   | 4 CMALLINISSIMI              | Apriles 0/3  | .,1   |
| Thi  | s registration must be revaildate                                    | of for Regulatory Authority use               | dalada                       |  |       |
|  |  | Lines terr (10) years tront the               | und of accoptante            | 3  |       |
| CRN: 0H19087.5   |  | /   |                              |  |       |
| FID#: 1704   |  | . /   | Northwest<br>Territor        | in I   | 82.00 |
|  |  | /   | REGISTE                      |  | 82.00 |
| Notes:   |  | 1   |                              | 1 1  |       |
| 1. All fittings shall be registered  | od in the name of the Manufacturer.                                  | . ,   | UNDER THE AUT                | HORITY OF  |       |
| <ol><li>Each category shall be sup<br/>forms and one copy of support</li></ol>   | ported with two Statutory Declaration                                | on  | THE BOILER AND<br>VESSEL A   | CT   |       |
| <ol><li>The declaration shall be ma</li></ol>  | ade by the person having full author                                 | ity and                                       | C.R.N. 0H1908                | 7.00   |       |
| responsibility for the quality of  | the end product.  nall be resubmitted for validation                 |   |                              |  |       |
| at a maximum interval of five (  | 5) years.  |   | SIGNED                       | 12012  |       |
|  |  |   | DATE # 22                    | 17017  |       |
| 201,000  |  |   | 1                            |  | -     |
|  |  |   |                              |  |       |

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NEW BRUNSWICK

| NEW BRUNSWICK<br>NUNAVUT   | NOVA SCOTIA<br>YUKON   | PRINCE EDWARD ISLA<br>NORTHWEST TERRIT             |                                  | NEWFOUNDLAND AND LABRADOR  |           |
|--|--|--|----------------------------------|--|-----------|
| MANUFACTURERS NAME: C  |  |  | 21-1                             | 19   |           |
| MANUFACTURERS ADDRESS  | mgine ened   | Conjustice   | JOTE                             | profond LC   |           |
| PLANT LOCATIONS:   | me of  | 36 Dre   | e, ec                            | n, 100-27244   |           |
| CATEGORY OF FITT   | INGS TO BE REGISTERED. C   | IRCLE ONE CATEGORY                                 | ONLY                             | TITLE OF THE STANDARD OF CONSTRUCTION  |           |
| A Pipe fittings, including couplir<br>B Flanges: all flanges<br>C Valves; all line valves  | ngs, tees, elbows, Ys, plugs, unio                               | ons, pipe caps, or reduce                          | rs ·                             | ASME BBILL   |           |
| D Expansion joints, flexible con   |  | all types  |                                  | "  |           |
| E Strainers, filters, separators, a .F Measuring devices, including  | and steam traps<br>pressure gauges, level gauges.                |  |                                  |  |           |
| pressure transmitters G Certified capacity-rated press   |  |  |                                  |  |           |
| bollers, pressure vessels, pip   | oing and fusible plugs   |  | otection on                      |  |           |
| H Pressure retaining component N Nuclear components: Class:  |  |  |                                  |  |           |
| SHOW MANUFACTURERS NAM   | ME, TRADEMARK, OR LOGO   | AS IT WILL APPEAR ON                               | THE PRODUCT                      | TYPE OF CONSTRUCTION   |           |
| A STATE OF THE STA | HERE THE STREET  |  |                                  | FORGED WELDED   WROUGHT  |           |
| DEGM   | R  |  |                                  | DESCRIBE OTHER:  |           |
| WESON  |  |  |                                  | i l  |           |
| LIST OF SUPPORTING DOCUM   | MENTATION AND IDENTIFICAT  | TION OF THE ACTUAL I                               | TEMS TO BE RE                    | GISTERED:  |           |
|  |  |  | TEMO TO DE NE                    | OINTERED!  |           |
| 60   | aflached   | li +   | ¥                                |  |           |
|  | aronea   | all the second                                     |                                  | ÷  |           |
|  | : *  |  | (34)                             |  |           |
|  | ,  |  |                                  |  |           |
|  |  |  |                                  |  |           |
| DECLARATION: There   | 00   | COT 11   | ^                                |  |           |
| responsibility for the quality of  | the end product do solemnly                                      | declare that the inform                            | nation contained                 | ng the person having full authority and<br>d in this form is true and to the best of |           |
| my knowledge represents the  | product for which registration                                   | is sought. The dimer                               | slong materials                  | of construction procesure  |           |
| temperature ratings, and ident<br>manufacture of these fittings is   | ification markings are in account<br>regulated by a Quality Conf | ordance with the herein<br>trol Program which exte | named standa<br>ands to each bla | rds. I further declare that the ant whole  |           |
| or in part and has been verifie  | d by 187) 7 (1)/   | / U L / Was being                                  | suitable for the                 | at numose and I make this solemn   |           |
| declaration conscientiously be   | deving it to be true, and know                                   | wing that it is of the sar                         |                                  |  |           |
| Signature of Declarer:   | velle st   | uns.   | M                                | ARISA E. ELLIOTT   |           |
|  | mucred Controls In-  | FI, Elas   |                                  | NOTARYEPUBLIC HE   |           |
| This 10 M day of Dex   | ember at 2011  | <u> </u>   |                                  | AMANCE COUNTY  |           |
| Commissioner of Oaths Or Notary Public: (sign)   | anisa G. GODIT   | <del>1</del> 11                                    | N                                | ORTH CAROLINA  | · · · · · |
|  | (Affix Official seal to the right)                               |  | MY C                             | mmission expires 8/31/   | 4         |
|  |  | e for Regulatory Authorit                          |                                  | NURSAVILL  |           |
| This   | registration must be revalidat                                   | ted after ten (10) year                            | from the other                   |  |           |
| CRN: 0H19087.5   |  |  | 20.25                            | Boilers and  |           |
|  |  | 5.0  | Nunavut                          | Prossure Vessels Act   |           |
| FID#: 1704   | <del>-</del>   |  |                                  | REGISTERED .   | - 1       |
| Notes:   |  |  | . (                              | H19087.5N  |           |
| 1. All fittings shall be registered  | in the name of the Manufacturer                                  |  | CRN                              | H (1001, 3N  | -1        |
| forms and one copy of supporting   | orted with two Statutory Declarating documentation.              | ion  | Date                             | leb 17 2017  | _         |
| <ol><li>The declaration shall be mad<br/>responsibility for the quality of th</li></ol>  | e by the person having full author                               | ority and  | Signed                           |  |           |
| 4. Quality control programs shall  | Il be resubmitted for validation                                 |  | Jigilou                          | (Chief An) pector  | -1        |
| at a maximum interval of five (5)  | years.   |  |                                  | Chiefi Pector  | _         |
|  |  |  | Tarrit                           | orial Registration Fee   |           |
| * 14   |  |  | iem                              | onal locyistiation i ee  |           |