

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 12, 2017

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

Service Request Type: BPV-Fitting Registration

Service Request No.: 2000492

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.:

0H19077.5

Main Design No.:

Dwg. No. T9464FAB Rev. H, Valve Short Stem Cryo Shut-off

Expiry Date:

12-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 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 | attached request form) Date: SR #: 2000492 - 6 |
| Please indicate the type of design: ☐ Boiler ☐ Pressure \ Existing CRN:(if applicable) | Vessel Fitting Agent 2000 496 - No |
| Section A: Submitter Company Name: ENGINEERED CONTROLS INTERNATIONAL, LLC. | Section B: Invoicee Same as: A C D Company Name: |
| 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.com | E-mail: |
| Job No./Reference: | Purchase Order No.: |
| Drawing/Catalog No.: TCH64FAB | |
| | |
| Acct/Cust No.: A . 400283 6913915 | Acct/Cust No.: |
| Section C: Owner of Design/CRN Same as: ABDD | Section D: Manufacturer (If more then one please attach list) |
| Company Name: | Company Name: |
| Address: | Address: |
| 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 following jurisdictions: | |
| ☑ British Columbia ☑ Manitoba ☑ | New Brunswick Nova Scotia Prince Edward Island V Newfoundland and Labrador Yukon V Northwest Territories V Nunavut |
| Deposit included: CDN \$600.00 - Ontario and up to 2 additional provi | vinces CDN \$1,200.00 - Ontario and 3 or more additional provinces |
| Cheque No | Amount \$ |
| (Deposit to be applied to the incurred fees when all jurisdictions are comple | ete – any charges over and above deposit amount will be invoiced at that time.) |
| Return mail address: A B C Optional: Co | urier Collect Courier name: |
| Signed: Chyl M. Thomas | Account No.: Date (mrp/dd/yyyy): 12/16/2016 |
| Date: JAN 12, 1617 Reviewing Engineer. | ANK VALCIC CRN Issued: OHI9077.5 |

PV 09557 (06/16)



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



| STATUTORY DECLARATION Registration of Fittings | RATION |
|--|---|
| I, CHAD THOMAS, VP GLOBAL ENGINEERING | |
| (Name and Position, e.g. President, Plant Manager, Chief Engineer) | nief Engineer) |
| of ENGINEERED CONTROLS INTERNATIONAL. LLC | |
| (Name of Manufacturer) | |
| Located at 100 REGO DRIVE, ELON, NC - 27244 | 336-449-7707 |
| (Plant Address) | (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 | ne Technical Standards and Safety Act, Boilers |
| (Title of recognized North American Standard) which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service; | itings, 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 a 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. | 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, asis 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 | m meeting the requirements of ISO90001 RS LABORATORY INC |
| The items covered by this declaration, for which I seek registration, are category "H" this application, the following information and/or test data are attached as follows: SEE ATTACHED LIST | type fftlings. In support of |
| (drawings, calculations, test reports, etc.) | |
| Declared before me at Engineered Controls Intil Elon in the Country | Mty or Mamane, NC |
| the 16th day of December AD 20 16 | |

ALAMANCE COUNTY NORTH CAROLINA NOTARY PUBLIC

MARISA E. ELLIOTT

my commission expires \$1300

FOR OFFICE USE ONLY

Pressure Vessk

Boilers an

Lusers

Mains a Ellisto

(Signature)

Marisa E. Elliott

Commissioner for Oaths:

(Signature of Declarer)

Standards and Safety Authority Technical Technical Standards and Safety Act, Bollers and Pressure Vessels Regulation, and CSA Standard R51 and is advabled for redistration in Calegory To the best of my knowledge and belief, the application meets the requirements of the

Safety Progr

JAN 12, 2017 12, 2027 MOTER'S DWG. NO. TOPES FAB REV. H VALVE, SHORT STEM CRYO SHUT-OFF, MOSPERIONG. NO. 794

NOTE: This registration expires on:

Registered by:

CRN:

Dated:

| 9000 | | | | |
|---------------------|------------------------------|------------|--|----------|
| Description Drawing | Drawing Number Body Number | ody Number | Body Material | Service |
| 0 10 | | | Burnani (a) | - David |
| Short Stem Cryo | | | | rressure |
| Shut-Off Valve 946 | 9464-1D | 9464-1D | Forging Brass LINS C27700 ACTAA page | |
| | | | 5879 MICH '00' YOU' BERS | 009 |
| 476 | 9475-3 | | | |
| | | 24/5-3 | Stainless Steel Pipe. ASTM A249/213 TD2041 | 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 16, 2017

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

Service Request Type.: BPV-National BC

Service Request No : 2019138

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.: 0H19077.51.

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 7, 2017

Account #: 35231 Journal #: 67271 Our File #: 5611226

Attn: TANYA FRANCIS

Application for Design Registration

The design, as detailed in your, TSSA SR# 2019138, for a Fitting is accepted for registration as follows:

Registered To: ENGINEERED CONTROLS

INTERNATIONAL LLC

CRN:

0H19077.51

MAWP: 600 psig

Drawing #: T9464FAB

Drawing Revision: H

Conditions Of Registration:

Registration of a Short Stem Cryo Shut-off Valve per scope & dwg sheets (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 12, 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 |
|---|-----------------------------|--|-------------------------------------|-----------------|--|----------------------------|
| | | | | T9464FAB | | Number |
| | | | Shut-Off Valve | Short Stem Cryo | - | Description |
| | 9475-3 | | 9464-1D | | | Drawing Number Body Number |
| | 9475-3 | | 9464-1D | | The state of the s | Body Number |
| Starrings Steel Pipe, ASIM A249/213, TP304L | Stainless Stool Discounting | 0 0 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 | Forging Brass LINS C37700 ACTM BORD | | Pour Marchial | Rody Masoviel |
| 600 | | 600 | | Pressure | | Service |





| То: | TSSA | From: | Janet Townsend | |
|-----------|---|-----------|----------------|--|
| Company: | Engineered Controls International, LLC | Phone: | 416-747-4291 | |
| Pages: | 8 | Location: | Toronto | |
| Our File: | ANR-4431 | Date: | April 4, 2017 | |

Your File: 2019146

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-0H19077.56.

just Toursel

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

Account Manager

CSA Group

REGISTERED (CRN: CSA-OH19077.56

Registration Process administered by CSA Group per CSA B51

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

Signed: OSASSER

Date:

34 merre, 2017



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 04, 2017

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

Service Request Type.: BPV-National MB

Service Request No.: 2019152

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.: 0H19077.54.

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 11, 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 |
|--|------------|-------|
| Valve Short Stem Cryo Shut-off - Dwg. No. T9464FAB Rev. H | 0H19077.54 | 37529 |

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 12, 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



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



STATUTORY DECLARATION Registration of Fittings

, CHAD THOMAS, VP GLOBAL ENGINEERING

(Name and Position, e.g. President, Plant Manager, Chief Engineer)

(Name of Manufacturer) of ENGINEERED CONTROLS INTERNATIONAL. LLC

Located at 100 REGO DRIVE, ELON, NC - 27244

(Fax No.)

336-449-7707

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

(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

type fittings. In support of The items covered by this declaration, for which I seek registration, are category "H" this application, the following information and/or test data are attached as follows:

SEE ATTACHED LIST

or Alamance, NC Declared before me at Engineered (untuls Intil/film COWITY

(drawings, calculations, test reports, etc.)

day of December AD 2016 7

the

Commissioner for Oaths:

Marisa E. Elliot

Manda E. (Signature)

a Commissioner, etc., City of Toronto, for the Technical Standards & Safety Authority Expires July 24, 2019

Colleen Anne Ratcliff,

Signatur

Date:...

(Signature of Declarer)

Technical Standards and Safety Act, Boilers and Pressure Vessels Regulation, and To the best of my knowledge and belief, the application meets the requirements of the FOR OFFICE USE ONLY CSA Standard B51 and is accepted for registration in Category

Monitoba V

Registered by:

CRN:

Dated:

5H19677 104 Date:

NOTE: This registration expires on:

12,2027

REGISTERE

PV 09553 (06/16)

700

my commission expires \$131/204

ALAMANCE COUNTY NORTH CAROLINA

MARISA E. ELLIOTT NOTARY PUBLIC

| Service | Pressure | | 009 | | 600 |
|----------------------------|-----------------|-------------------------------------|-------------------------------|-------------------|---|
| Body Material | | Forging Brass LINS C37700 ACTM 6282 | 5070 INI CO' 100' POLINI DE03 | Chainless Charles | Julilless Steel Pipe, ASTM A249/213, TP3041 |
| Body Number | | 9464-1D | | 9475-3 | |
| Drawing Number Body Number | | 9464-1D | | 9475-3 | |
| Description | Short Stem Cryo | Shut-Off Valve | | | |
| System Number | TOJEAEAD | DV 1404-0-1 | | | |
| Category | _ | : | | | |





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.: 2019126

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.: 0H19077.59870YTN.

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

| NUNAVUT | NOVA SCOTIA YUKON | PRINCE EDWARD ISLA NORTHWEST TERRITO | | NEWFOUNDLAND AND LABRADOR | |
|--|---|---|--|---|-----|
| MANUFACTURERS NAME: 5 | Empire | Combala | 171 1 | | 7 |
| MANUFACTURERS ADDRESS: | 100 P | Con more | Lotes | mational 11c | ↓ . |
| PLANT LOCATIONS: | ame as | above & | lan, no | 10- 27-244 | 1 |
| CATEGORY OF FITT | NOS TO BE REGISTERED. | CIRCLE ONE CATEGORY | ONLY | TITLE OF THE STANDARD OF CONSTRUCTION | 4 |
| A Pipe fittings, including coupling | js, lees, elbows, Ys, plugs, ur | nions, pipe caps, or reducen | 1 | | - |
| C Valves: all line valves | | | | ASME B311 | 1 |
| D Expansion joints, flexible conn | ections, and hose assemblies | : all types | | ,,,,, | 1 |
| E Strainers, filters, separators, a .P Measuring devices, including p | nd steem traps | salaht alassas tavala as | | , | 1 |
| pressure transmitters | | | | 1 | |
| G Cartifled capacity-rated pressure bollars, pressure vessols, pipie | no ano rusinia ninos | | tection on | | ١ |
| n Pressure retaining component | s that do not fall into one of the | e above categories | | | |
| N Nuclear components: Class 1 | ☐ Class 2 ☐ Class 3 ☐, (A | Meeting AECB or ASME req | ulramants) | | l |
| SHOW MANUFACTURERS NAM | E. TRADEMARK, OR LOGO | AS IT WILL APPEAR ON T | HE PRODUCT | TYPE OF CONSYRUCTION | 1 |
| | issult. | | | CAST DOTHER | |
| | B) | | | DESCRIBE OTHER; | 1 |
| | | • | | | ' |
| LIST OF SUPPORTING DOCUM | ENTATION AND IDENTIFIES | TICH OF THE LOCK | | | |
| | ENTATION AND IDENTIFICA | MONOF THE ACTUAL IT | EMS TO BE REC | SISTERED: | 1 |
| | 0 . 1 | | | | 1 |
| See atte | ched list | f | | · | |
| | | • | | | ŀ |
| • • | | | | | ١. |
| | | | | | ! |
| DECLARATION: | | | | | i |
| ny knowledge represents the presents the present of the present of these fittings is | roduct for which registration cation markings are in according to the constitution of | ordance with the information is sought. The dimensionance with the herein it in Program which exter | ions, materials named standar nds to each plai | de. I further declare that the nt whole | |
| Signature of Declarer: | w/11]/ | ensus F | | | |
| | nered Controls In | 1411/E1/14 | | SA E, ELLIOTT | 15" |
| 4. 4. | mber AD 2016 | ITI/CION US | | MARY PUBLICR THE | |
| day or tour | ATTOOK AD COLO | <u> </u> | | ANCE GOUNTY | |
| Commissioner of Oaths r Notary Public: (sign) | ansy E. Cler | ь 1 | . NOR | TH CAROLINA. | |
| , | ffix Official seal to the right) | | MNI CAMP | nissian expires 8/31/2021 | |
| Ų ii | | e for Regulatory Authority u | | 1122-11 | |
| This reg | gistration must be revalidat | led after ten (10) vears fr | om the dete of | eccentence | |
| | | | 7 | ACCEPTED | |
| CRN: 0H19077.5 | | | PROVINCE | OF PRINCE EDWARD ISLAND | |
| FID#:1704 | | | | TIES, LAND & ENVIRONMENT | |
| 7. Edil - 5. | | | | | |
| Notes; | | | C.R.N. | H 19073,59 | |
| 1. All fittings shall be registered in | the name of the Manufacturer | | DATE: | Frb 21/17 | |
| Each category shall be supported forms and one copy of supporting of supporting to the copy of supporting to the c | ed with two Statutory Declaret | lon · | | 1 | |
| The declaration shall be made b | y the person having full author | ority and | | | |
| responsibility for the quality of the s | and product. | | INSPECT | TION SERVICES SECTION | 1 |
| Quality control programs shall be at a maximum interval of five (5) ye | e resubmitted for validation | | BOILER/P | ressure vessel branch | |
| | | | | | |

| UNIFORM STA | ATUTORY DECLARATION | FORM FOR THE | REGISTRATIO | N OF FITTING DESIGNS |
|--|--|--|--|---|
| NEW BRUNSWICK NUNAVUT | NOVA SCOTIA YUKON | PRINCE EDWARD IS NORTHWEST TERR | SLAND | NEWFOUNDLAND AND LABRADOR |
| MANUFACTURERS NAME: | Engineral | Control | 17-1 | |
| MANUFACTURERS ADDRE | ss: Ion Reen | Daire | Ar Inte | onational 11c |
| PLANT LOCATIONS: | Same as | above; | Clan, | UC- 27244 |
| CATEGORY OF FI | TINGS TO BE REGISTERED. | CIRCLE ONE CATEGO | RY ONLY | TITLE OF THE STANDARD OF CONSTRUCTION |
| A Pipe fittings, including coup B Flanges: all fine valves C Valves: all fine valves D Expansion joints, flexible c E Strainers, filters, separator. F Measuring devices, including pressure transmitters C Certified capacity-rated pre- boilers, pressure vessels. | plings, teas, elbows, Ya, pluga, ur connections, and hose assemblies s, and steam traps ng pressure gauges, level gauges essure relief devices acceptable a plotno and fusible plugs | nions, pipe caps, or redu :: all types s, sight glasses, levels, o s primary over pressura | cers | ASME B31/ |
| N Nuclear components. Clar | ents that do not fall into one of th | e above calegories | | 1 |
| SHOW MANUFACTUREDS U | S 1 Class 2 Class 3 C, () | Meeting AECB or ASME | requirementa) | |
| REGO | AME, TRADEMARK, OR LOGO | <u>as it will appear c</u> | N THE PRODUC | TYPE OF CONSTRUCTION FORGER D WELDED WROUGHT CAST GITHER DESCRIBE OTHER |
| LIST OF SUPPORTING DOC | UMENTATION AND IDENTIFICA | TION OF THE ACTUAL | ITEMS TO BE R | EGISTERED: |
| See at | lached lis | t | | |
| responsibility for the quality my knowledge represents the temperature ratings, and ide manufacture of these fittings or in part and has been verified declaration conscientiously. Signature of Declarer. Declared before me at This day of | ne product for which registration intification markings are in access is regulated by a Quality Correct by 159 700 / 0 balleving it to be true, and known and the control of the control o | y declare that the hird is sought. The dim cordance with the here hird Program which each of the service with the service wit | ensions, material elen named stand xtends to each ping suitable for the ame force and empty. ALA | ards. I further declare that the lant where fabrication occurs in whole |
| or Notary Public: (sign) | (Affix Official seal to the right) | | my con | mission expires 8/31/2021 |
| Thi | This space to registration must be required. | o for Regulatory Author | | |
| I considerate to | s registration must be revalida | ted after ten (10) yea | | of acceptance. |
| CRN: 0H19077.5 | | | GR & PR | ESSURE |
| FID#: 1704 | | | Cate_te | SSURE VEGA ESSURE VEGA b. 21/17 |
| Notes: | | | C.RN. OHI | 9077.58 |
| All fittings shall be registers Each category shall be sup- forms and one copy of support The declaration shall be mu- responsibility for the quality of | ade by the person having full suth the end product, nall be resubmitted for validation | tion | Dwg. as dissipped Turn | escribed |

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

| NEW BRUNSWICK NUNAVUT | NOVA SCOTIA YUKON | PRINCE EDWARD ISLAND NORTHWEST TERRITORIES | NEWFOUNDLAND AND LABRADOR |
|--|--|--|---|
| MANUFACTURERS NAM | AE: Canal | | A |
| MANUFACTURERS ADD | DRESS: 122 | Controle In | iternational 11c |
| PLANT LOCATIONS: | Con Kego | Daive, flon | , NC- 27244 |
| CATEGORY O | F FITTINGS TO BE REGISTERED. | CIRCLE ONE CATEGORY ONLY | TITLE OF THE STANDARD OF CONSTRUCTION |
| C Valves: all line valves D Expansion joints, flexit E Strainers, filters, separ F Measuring devices, inc | ole connections, and hose assemblid | unions, pipe caps, or reducers | ASME B31 / |
| G Certified capacity-rated boilers, pressure vessi | d pressure relief devices acceptable | as primary over pressure protection or | ı |
| H Pressure retaining con | ponents that do not fall into one of | the above categories | |
| N Nuclear components: | Class 1 Class 2 Class 3 C, | (Meeting AECB or ASME requirements | i) |
| STATE OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDR | S NAME, IRADEMARK, UR LOGO | O AS IT WILL APPEAR ON THE PRO | |
| REGO |)® | | FORGED WELDED WROUGHT DESCRIBE OTHER: |
| LIST OF SUPPORTING | OCCUMENTATION AND IDENTIFIC | CATION OF THE ACTUAL ITEMS TO | |
| | O O O INCHIA HON AND IDENTIFIC | ATION OF THE ACTUAL TEMS TO | BE REGISTERED: |
| See 0 | attached lis | <i>t</i> | |
| | | | |
| DECLARATION: | | | |
| my knowledge represent temperature ratings, and manufacture of these fitti or in part and has been y | identification markings are in actions is regulated by a Quality Coefficient by 1000 or 1000 o | on is sought. The dimensions, ma coordance with the herein named s | tandards. I further declare that the ch plant where fabrication occurs in whole |
| Signature of Declarer: | my M. | W Comes | ARISA E. ELLIOTT |
| | Engineered Controls I | NTI/EIM USETH | NOTARY PUBLIC THE |
| day of | December AD 201 | 711 | AMANCE GOUNTY |
| Commissioner of Oaths or Notary Public: (sign) _ | Mansy E. Elly | | ORTH CAROLINA |
| | (Affix Official seal to the right) | MYC | ammission expires 8/31/2021 |
| | This spa | ice for Regulatory Authority and a steel after ten (10) years from the | Nonvealla |
| CRN: 0H19077. | | GEPTOF | PUBLIC RAFETY |
| 170/ | | COMER & PR | ESSURE VESSEL ACT |
| FID#: 1704 | | REGIST | RATION ONLY |
| Notes: | | CRN/ | OH19077.57 |
| 1. All fittings shall be regis | tered in the name of the Manufactur | er. | |
| 2. Each category shall be a forms and one copy of supp | supported with two Statutory Declara | EXAMINER: | Esta la casa. |
| The declaration shall be | made by the person having full auth | nority and | for |
| responsibility for the quality 4. Quality control programs | of the end product. s shall be resubmitted for validation | CHIEF BOH | ER INSPECTOR |
| at a maximum interval of fiv | e (5) years. | DATE: Le | 6.17 2017 |
| | | D BLRs | |
| | | | |
| | | FITTINGS | COMPONENTS |

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS NEW BRUNSWICK NOVA SCOTIA PRINCE EDWARD ISLAND NEWFOUNDLAND AND LABRADOR NORTHWEST TERRITORIES

| MANUFACTURERS NAME: | |
|---|--|
| MANUFACTURERS ADDRESS: SPINE TO COM 100 | le International IIc |
| PLANT LOCATIONS: Same as above | Tion, NC- 27244 |
| CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY | |
| A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or re B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types Strainers, filters, separators, and ateam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels pressure transmitters | ASME B31/ |
| G Certified capacity-rated pressure relief devices acceptable as primary over pressure bollers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fail into one of the above categories | |
| N Nuclear components: Class 1 □ Class 2 □ Class 3 □, (Meeting AECB or ASS | ME requirements) |
| SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR | FORGER Z WELDED D WROUGHT D CAST D OTHER D DESCRIBE OTHER: |
| LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTU | JALITEMS TO BE REGISTERED: |
| See attached list | |
| DECLARATION: responsibility for the quality of the end product do solemnly declare that the interpolation is sought. The comperature ratings, and identification markings are in accordance with the translature of these fittings is regulated by a Quality Control Program which or in part and has been verified by 100 100 100 as declaration conscientiously believing it to be true, and knowing that it is of the | ilmensions, materials of construction, pressure nerein named standards. I further declare that the hextends to each plant where fabrication occurs in whole height suitable for that purpose and I make this solution. |
| Signature of Declarer: Low M. Low | MARISA E. ELLIOTT |
| Declared before me at Engineered Controls Intil/Elan This 110th day of December AD 2016 | USETHNOTARY PUBLIC THE ALAMANCE GOUNTY |
| Commissioner of Oaths or Notary Public: (sign) Mawy E. Cleurto | MY COMMISSION EXPIRES 8/31/2021 |
| (Affix Official seal to the right) This space for Regulatory Au | |
| This registration must be revalidated after ten (10) y | |
| CRN: 0H19077.5 | Newfyr Land |
| FID#: 1704 | Service NL |
| Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. | Registered OH 19077.50 Date 17/02/21 Engineering and Inspection Structure Registered by 19077.50 |
| The declaration shall be made by the person having full authority and responsibility for the quality of the end product. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years. | UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULT AND |

| UNIFORM ST | ATUTORY DECLARATION | N FORM FOR THE REGI | STRATION OF FITTING DESIGNS |
|--|--|---|--|
| NEW BRUNSWICK NUNAVUT | NOVA SCOTIA YUKON | PRINCE EDWARD ISLAND NORTHWEST TERRITOR | |
| MANUFACTURERS NAME | 6 | 6 | 171 |
| MANUFACTURERS ADDRI | ESS: ESS | Controle | International lic |
| PLANT LOCATIONS: | 100 Kego | Douve, Ale | m, 10c-27244 |
| | TITINGS TO BE REGISTERED. | above | |
| | | | VLY IIILE OF THE STANDARD OF CONSTRUCT |
| B Flanges: all flanges C Valves: all line valves | uplings, tees, elbows, Ys, plugs, u connections, and hose assemblies | | ASME B311 |
| E Strainers, filters, separate | ors, and steam traps ding pressure gauges, level gauge | | |
| boilers, pressure vessels | pressure relief devices acceptable a s, piping and fusible plugs onents that do not fall into one of the | | ction on |
| N Nuclear components: Cl | ass 1 🗆 Class 2 🗆 Class 3 🗀, (| Meeting AECB or ASME requir | rements) |
| SHOW MANUFACTURERS | NAME, TRADEMARK, OR LOGO | AS IT WILL APPEAR ON TH | E PRODUCT TYPE OF CONSTRUCTION |
| REGO |)® | | FORGED WELDED WROUGHT CAST OTHER DESCRIBE OTHER: |
| in a little or a shaken hadre straight for | a plant Walt of the hand. We | | |
| LIST OF SUPPORTING DO | CUMENTATION AND IDENTIFIC | ATION OF THE ACTUAL ITE | MS TO BE REGISTERED: |
| | | | |
| Cara | Hicked lis | Ł. | |
| see a | Heched ly | 1 | |
| | 360 S | | |
| | | | |
| | | * | |
| DECLADATION. | · | | |
| DECLARATION: | Of transmandanced b | v tot 111 | and being the person having full authority |
| responsibility for the qualit | v of the end product do solemn | ly declare that the informat | and being the person having full authority tion contained in this form is true and to the be |
| my knowledge represents | the product for which registrati | on is sought. The dimension | one materials of construction prosecure |
| temperature ratings, and id | dentification markings are in ac | cordance with the herein no | amed standards. I further declare that the |
| manufacture of these fitting | gs is regulated by a Quality Co | ntrol Program which extend | ds to each plant where fabrication occurs in what the solem witable for that purpose and I make this solem |
| declaration conscientious | v believing it to be true, and kn | owing that it is of the same | ultable for that purpose and I make this solem force and effect as if made under oath. |
| | 11/11/1 | / and the same | |
| Signature of Declarer: | ms 111. | - Come | MARISA E. ELLIOTT |
| Declared before me at | Engineered Controls I | nt'I/Ela usi | E THNOTARY PUBLICE THE |
| | December AD 201 | | ALAMANCE GOUNTY |
| Tills day or _ | MU PO | | ALAMAINCE GOALIA |
| Commissioner of Oaths or Notary Public: (sign) | Mangy E. Elly | 16 | NORTH CAROLINA |
| or rotary rabilo. (algil) | (Affix Official seal to the right) | | My commission expires 8/31/2 |
| | | ace for Regulatory Authority us | |
| Т | his registration must be revalid | | |
| 1 | 6.00 | | 's and a monophismos, |
| CRN: 0H19077.5 |) | | NMENT OF |
| FID#: 1704 | | | S By S |
| Notes | | | ((CRV 0H19077.5Y) .) |
| Notes: | mend in the manner of the file and and | 2021 | _DATE\frac{2/27/2017}{\rightarrow} |

1. All fittings shall be registered in the name of the Manufacturer.
2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.
3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.
4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.



| UNIFORM S' | TATUTORY DECLARATION | FORM FOR THE REGIST | RATION (| OF FITTING DESIGNS | |
|--|--|--|--|---|----------|
| EW BRUNSWICK JNAVUT | NOVA SCOTIA YUKON | PRINCE EDWARD ISLAND NORTHWEST TERRITORIES | N | EWFOUNDLAND AND LABRAD | OR |
| MANUFACTURERS NAME | COR-INTERACON | Comprole 1 | nten | national 11 | |
| MANUFACTURERS ADDR | ESS: 100 Reep | Dorive Alax | 200 | 0- 27-21- | - |
| PLANT LOCATIONS: | Same as | a-b-ove | 2,70 | 61249 | |
| | FITTINGS TO BE REGISTERED. | CIRCLE ONE CATEGORY ONLY | | TITLE OF THE STANDARD OF CONSTR | NOTON |
| Frianços: all flanges Valves: all line valves Expansion joints, flexible Strainers, filters, separate | uplings, tees, elbows, Ys, plugs, un connections, and hose assemblies ors, and steam traps | : all types | | ASME B31 | |
| Cortified capacity-rated policy, pressure vassels Pressure retaining composed Nuclear components: Ci | ding pressure gauges, level gauges pressure relief devices acceptable as piping and fusible plugs prents that do not fall into one of the ass 1 [] Class 2 [] Class 3 [], (N | s primary over pressure protections above categories | enta) | | |
| OW MANUFACTURERS | NAME, TRADEMARK, OR LOGO | AS IT WILL APPEAR ON THE P | RODUCT | TYPE OF CONSTAUCTION | |
| REGO |) ® | £ . | | FORGER WELDED O WROUGHT CAST O OTHER O DESCRIBE OTHER | |
| IST OF SUPPORTING DO | CUMENTATION AND IDENTIFICA | TION OF THE ACTUAL ITEMS | TO BE REG | ISTERED: | \dashv |
| See a | tlacked list | t | | • | |
| * * | • , | | | | |
| ECLARATION: | | | 140 | | |
| r knowledge represents nperature ratings, and in nufacture of these fitting in part and has been ye | (*** Note 3) employed by y of the end product do solemn! the product for which registratio fontification markings ere in acc as is regulated by a Quality Confifed by 100 miles by 100 mile | y deciare that the information n is sought. The dimensions, ordance with the herein name their Program which extends to \$1.00 C. as belong with | contained in the contai | In this form is true and to the of construction, pressure is. I further declare that the it where fabrication occurs in | bost of |
| mature of Declarer. 🧘 | my M W | - Como | MARI | SA E, ELLIOTT | , , |
| clared before me at E | ongineered Controls Ir | 1+1/Ela uses | THNOT | ARY PUBLIC _{R TH} | E . |
| mmleslages of Oath- | Mansy E. Eleir | th . | NORT | TH CAROLINA | |
| , (o.B.) | (Affix Official seal to the right) | . M | Y COMM | issian expires 8/31/ | 2021 |
| | This space | e for Regulatory Authority use | | | |
| n | nis registration must be revalida | ted after ten (10) years from t | he date of | acceptance. | |
| RN: 0H19077.5 | | | 1 | | |
| ID#: <u>1704</u> | | | | Northwest Territories | |
| oten: All Gilloge shall be moiste | red in the name of the Manufacture | | .' ! IIN | REGISTERED IDER THE AUTHORI | TYOE |
| Each category shall be at | ipported with two Statutory Declarated in the property of the | llon | TH | VESSEL ACT | |
| The declaration shall be responsibility for the quality of | nade by the person having full authors the and product | ority and | 1 ~~ | IN OH19077-51 | - 1 |
| Quality control programs a maximum interval of five | shall be resubmitted for validation | | \ sid | ENED | > |
| | | | DA | TE #16 22 1701 | 6/ |
| • | | | 1 | | _ |
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IO: ALI CENTRBI

.00.00,11-22-20

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

| NEW BRUNSWICK NUNAVUT | NOVA SCOTIA YUKON | PRINCE EDWA | | | | | | | | | |
|--|--|----------------------|---------------|------------------|-----------------------|--------------------|--|--|--|--|--|
| MANUFACTURERS NAME | : 51 | 61 | | 1711 | | | | | | | |
| MANUFACTURERS ADDR | ESS: 100 | Comp | DIE | Inten | national | - (LC | | | | | |
| PLANT LOCATIONS: Came as above | | | | | | | | | | | |
| CATEGORY OF I | TITINGS TO BE REGISTERED. | CIRCLE ONE CAT | EGORY ON | ILY | TITLE OF THE STANDARD | OF CONSTRUCTION | | | | | |
| A Pipe fittings, including co | uplings, tees, elbows, Ys, plugs, u | | | | | | | | | | |
| B Flanges: all flanges C Valves: all line valves | 150 Park 10 100 Park 10 Park 1 | | | ASME I | 8311 | | | | | | |
| D Expansion joints, flexible | connections, and hose assemblie | | | | , | | | | | | |
| E Strainers, filters, separate | | | | | | | | | | | |
| .F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters | | | | | | | | | | | |
| G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs | | | | | | | | | | | |
| H Pressure retaining components that do not fall into one of the above categories | | | | | | | | | | | |
| N Nuclear components: Class 1 ☐ Class 2 ☐ Class 3 ☐, (Meeting AECB or ASME requirements) SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT TYPE OF CONSTRUCTION | | | | | | | | | | | |
| SHOW MANUFACTURERS | NAME, TRADEMARK, OR LOGO | AS IT WILL APP | EAR ON THE | E PRODUCT | TYPE OF CONST | | | | | | |
| | | | | | CAST OTHER O | WROUGHT [] | | | | | |
| | ://w | ¥ | | | DESCRIBE OTHER | Į. | | | | | |
| | | | • | | | 1 | | | | | |
| LIST OF SUPPORTING DO | CUMENTATION AND IDENTIFIC | ATION OF THE AC | CTUAL ITEM | AS TO BE REG | ISTERED: | | | | | | |
| | | | | | TALAULISIS I | | | | | | |
| 0 | W. D D D- | , | | | 8 | | | | | | |
| See a | Heched lis | 1 | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | ** | | | | | | | |
| DECLARATION: | | | | | | | | | | | |
| 1 Chad Tho | C (see note 3) employed b | Y ECT | LLC | and bein | g the person having | full authority and | | | | | |
| responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of | | | | | | | | | | | |
| my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the | | | | | | | | | | | |
| manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by ICP 900/10L/10C as being suitable for that purpose and I make this solemn | | | | | | | | | | | |
| or in part and has been ve | y balleving it to be true, and kn | owling that it is of | as being su | litable for that | t purpose and I make | this solemn | | | | | |
| | 11/1/1 | Chang that it is of | i illo saille | | | | | | | | |
| Signature of Declarer: | my 101. | rome | - [| MARI | SA E. ELLIOT | T. | | | | | |
| | Engineered Controls I | nt1/Elan | USE | THNO | INRY PUBLIC | RTHE | | | | | |
| This day of | December AD 20 | 6 | 1 | OLEAN | PANCE GOUNT | ry | | | | | |
| Commissioner of Oaths | MARINE G COA | | 1 | NOR | TH CAROLIN | A. | | | | | |
| or Notary Public: (sign) | Mansy E. Ellu | Ю | L | 10000 | nissian expires | 8/31/2021 | | | | | |
| | (Affix Official seal to the right) | | | | USSIAN EXPINS | 8/31/301 | | | | | |
| This space for Regulatory Authority use This registration must be revalidated after ten (10) reads from the date of acceptance. NAVUT | | | | | | | | | | | |
| , | uis regisuadon must be revalid | ated after ten (10 | n) Aearta ito | m the date of | acceptance. NA | /UT II | | | | | |
| CRN: 0H19077. | 5 | | 1 10 | . 28 | | - 11 | | | | | |
| FID#: _1704 | | | Num | avut | Boilers a | ina | | | | | |
| FID#: | | | | | Pressure Ves | sels Act | | | | | |
| Materia | | | 1 | RE | GISTERED | į. | | | | | |
| Notes: 1. All fittings shall be regist | ared in the name of the Manufactu | rer. | CRN | 01/19 | mn - 1 | | | | | | |
| Each category shall be a forms and one copy of supp | upported with two Statutory Declar | ration . | - | 9011 | 0+7.5N | | | | | | |
| 3. The declaration shall be | made by the person having full aut | hority and | Date _ | teb | 7106 E | | | | | | |
| responsibility for the quality | of the end product. shall be resubmitted for validation | | Signed | | 2 | | | | | | |
| at a maximum interval of fiv | | | | 11 | Houg - | | | | | | |
| | | | | C | ief Inspector | | | | | | |
| • | | | т. | | 1/ | | | | | | |
| k. | | | ie | rritorial | Registration | Fee | | | | | |
| REPORT | | | | | | | | | | | |