

ATTN: NICOLE KILGORE
PRESSURE VESSEL ENGINEERING
#1 1440 KING STREET
ST. JACOBS ON N0B 2N0

Date: 15-Feb-2024
TSBC Account #: 061511
TSBC Admin Number: 104730
Canadian Registration Number: 0C23760.21

Re: Application for Design Registration

The design, as detailed in your Design Portal application PVE-19975 for a Pressure Fitting is registered with the following notes and considerations:

| | |
|--------------------------|--|
| Registered To: | Engineered Controls International, LLC |
| Project Name: | PVE-19975 |
| Drawing #: | PVE-19975s-1 |
| Drawing Revision: | 0 |

Conditions of Registration:

(1) Fitting Registration Expiry Date: 04-Jan-2034 (2) The 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 quality management system lapse before the expiry date indicated above, this registration shall become void.

Reviewer's Notes:

Any additional conditions and considerations from the initial province of registration shall apply to this BC registration.

Full details of this submission including the scope of registration, design conditions, fabrication details, and calculations pertaining to this design are located in the above Admin Number on the Design Portal. For all other enquiries, please contact eim@technicalsaftybc.ca.

The Engineering Information Management Team

January 04, 2024

Attention: Nicole Kilgore
PRESSURE VESSEL ENGINEERING INC
PO BOX 112
1440 KING STREET NORTH UNIT# 1
ST JACOBS, ON N0B 2N0

The design submission, Tracking Number 2023-07306, Web Portal Number 2023-S4903, originally received on November 30, 2023 was surveyed and accepted for registration as follows:

CRN : 0C23760.2 **Accepted on:** January 04, 2024
Reg Type: NEW DESIGN **Expiry Date:** January 04, 2034
Drawing No. : PVE-19975s-1 Rev 0
Fitting type: Valves

Design registered in the name of : ENGINEERED CONTROLS INTERNATIONAL LLC

| Description | MAWP | Design Temperature | MDMT |
|-------------------|---------|--------------------|--------|
| Internal Pressure | 1724kPa | 74 °C | -40 °C |
| Internal Pressure | 2758kPa | 74 °C | -40 °C |

The registration is conditional on your compliance with the following notes:

As indicated on AB-41 Statutory Declaration or AB-351 Declaration of Conformity form and submitted documentation, the code of construction is ASME B31.3.

- It is our understanding that the fitting(s), included as the scope of this submission, that is(are) subject to the Safety Codes Act shall comply with the requirements of the indicated Standard or Code of Construction on the AB-41 Statutory Declaration or AB-351 Declaration of Conformity as supported by the attached data which identifies the dimensions, materials of construction, press./temp. ratings and the basis for such ratings, and the identification marking of the fittings.*
- This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration or AB-351 Declaration of Conformity form.*
- This registration is valid only until the indicated expiry date and only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency, and maintains a valid Certification of Authorization Permit if required by the jurisdiction where manufacturing takes place, until that date.*
- Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.*

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3306 or fax (780) 437-7787 or e-mail Wangi@absa.ca.

Sincerely,



January 04, 2024

WANG, IAN, P. Eng.

DOP Cert. No. D00009643

**STATUTORY DECLARATION
Registration of Fittings**
Single or Multiple Fitting Designs within one Fitting Category

I, Zac Rubeor, Design Engineer
(name of applicant) (position title) (must be in a position of authority)
of Engineered Controls International, LLC
(name of manufacturer)
located at 100 RegO Drive, Elon, NC 27244, United States of America
(plant address)

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.



do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (select only one)

- ☐ comply with the requirements of _____ which specifies the dimensions,
(title of recognized North American Standard)
materials of construction, pressure/temperature ratings and identification marking of the fittings, or
- ☒ are not covered by the provisions of a recognized North American standard and are therefore
manufactured to comply with ASME B31.3 ED 2022 as supported by the
(title of code of construction or other applicable document)
attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the identification marking of the fittings.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified as described in the below Table as being suitable for the manufacturing of these fittings to the stated standard, regulation, code, guideline or other applicable document. The fittings covered by the declaration for which I seek registration are as provided in the Supplementary Sheet(s) attached.

Quality Program Verification and Manufacturing Sites

A copy of the Quality Certificate from each manufacturing site must be included

| Item # | Product Description, Model or Series | Quality Program | Scope of Certification | Expiry Date | Verifying Organization | Location(s) Plant Name and address |
|--------|--------------------------------------|-----------------|--|-------------|------------------------|--|
| 1. | See Scope Document 19975s-1 | ISO 9001:2015 | The design and manufacture of valves, regulators and fittings for the L.P. Gas, Anhydrous Ammonia, LNG, and Compressed Gas Industries. | 2024-07-19 | DQS | 100 RegO Drive, Elon, NC 27244, United States of America |
| 2. | | | | | | |

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

Scope document: 19975s-1

[Signature]
(Signature of the Declarer)

November 30, 2023
(Date)

DECLARED before me at Eden in the STATE of NORTH CAROLINA
(city) (province, territory, or state)
this 30th day of NOVEMBER, 2023
(Month) (Year)

(print) JASON H SCEARCE
(a Commissioner of Oaths or Notary Public)

(sign) [Signature]
(a Commissioner of Oaths or Notary Public)

02/26/2028
(expiry date (mm/dd/yy))



Commissioner of Oaths / Notary Public in and for: ROCKINGHAM COUNTY, NC
(province, territory, or state)

For ABSA Office Use Only:

NOTES: _____

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Part 1, Clause 4.2, and is accepted for registration in Category _____.

CRN: _____

Registered Date: _____

Expiry Date: Jan 4, 2034

Signature: _____
(Signature of the Administrator/SCO)

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

2023-07306

ABSA

SAFETY CODES ACT - PROVINCE OF ALBERTA

ACCEPTED: 0C23760.2

See acceptance letter for conditions of registration.

Date: 2024-01-04 By: [Signature]

IAN WANG, P. Eng.
DOP: D00009643

This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.

Table 1** Scope of Fitting Designs

| Item # | Primary Pressure Bearing / Retaining Component | Material of Construction | Port Connections and Size Range | MDMT | Rated Pressure | | Pressure Class(es) / Schedule(s) | Design Code(s) of Construction | Reference Catalogue (pages) or Drawing(s) |
|----------------|--|--------------------------|---------------------------------|------|------------------------|------------------------|----------------------------------|--------------------------------|---|
| | | | | | At Ambient Temperature | At Maximum Temperature | | | |
| Refer 19975s-1 | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Table 2 Additional Scope Information

| |
|---|
| List/Attach Additional Detail and References (Product Configurations, Options, Illustrations, etc.) |
| Example: |
| Series X Options |
| |

** For additional alternatives of Table 1, refer to Form AB-41a, Guide for Completing Form AB-41

**STATUTORY DECLARATION
Registration of Fittings**
Single or Multiple Fitting Designs within one Fitting Category

I, Zac Rubeor, Design Engineer
(name of applicant) (position title) (must be in a position of authority)
of Shanghai Rego Flow Technology Co., Ltd.
(name of manufacturer)
located at 34th Building, No.6999, Chuansha Road, Pudong New Area, Shanghai, P.R. China
(plant address)

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.

REGO 

do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act
(select only one)

- ☐ comply with the requirements of _____ which specifies the dimensions,
(title of recognized North American Standard)
materials of construction, pressure/temperature ratings and identification marking of the fittings, or
- ☒ are not covered by the provisions of a recognized North American standard and are therefore
manufactured to comply with ASME B31.3 ED 2022 as supported by the
(title of code of construction or other applicable document)
attached data which identifies the dimensions, materials of construction, pressure/temperature ratings
and the basis for such ratings, and the identification marking of the fittings.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified as described in the below Table as being suitable for the manufacturing of these fittings to the stated standard, regulation, code, guideline or other applicable document. The fittings covered by the declaration for which I seek registration are as provided in the Supplementary Sheet(s) attached.

Quality Program Verification and Manufacturing Sites

A copy of the Quality Certificate from each manufacturing site must be included

| Item # | Product Description, Model or Series | Quality Program | Scope of Certification | Expiry Date | Verifying Organization | Location(s) Plant Name and address |
|--------|--------------------------------------|-----------------|---|------------------|------------------------|--|
| 1. | See Scope Document 19975s-1 | ISO 9001:2015 | Manufacturing of low temp. Industrial liquefied gas valves (Safety valve, Cryogenic Regulators Valve, Cryogenic Shut-off valves within the scope of license; Check valve, pressure vessel | November 5, 2024 | CQS | 34th Building, No.6999, Chuansha Road, Pudong New Area, Shanghai, P.R. China |
| 2. | | | | | | |

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

Scope document: 19975s-1

Jeff R. [Signature]
(Signature of the Declarer)

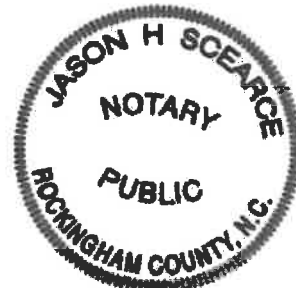
November 30, 2023
(Date)

DECLARED before me at Edo in the STATE of NC
(city) (province, territory, or state)
this 30th day of NOVEMBER, 2023
(Month) (Year)

(print) JASON H. SCARCE
(a Commissioner of Oaths or Notary Public)

(sign) [Signature]
(a Commissioner of Oaths or Notary Public)

02/26/2028
(expiry date (mm/dd/yy))



Commissioner of Oaths / Notary Public in and for: ROCKINGHAM COUNTY NORTH CAROLINA
(province, territory, or state)

For ABSA Office Use Only:

NOTES:

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Part 1, Clause 4.2, and is accepted for registration in Category _____.

CRN: _____

Registered Date: _____

Expiry Date: Jan 4, 2034

Signature: _____
(Signature of the Administrator/SCO)

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

2023-07306

ABSA

SAFETY CODES ACT - PROVINCE OF ALBERTA

ACCEPTED: 0C23760.2

See acceptance letter for conditions of registration.

Date: 2024-01-04 By: _____

IAN WANG, P. Eng
DOP: D00b09643

This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.

Table 1 Scope of Fitting Designs**

| Item # | Primary Pressure Bearing / Retaining Component | Material of Construction | Port Connections and Size Range | MDMT | Rated Pressure | | Pressure Class(es) / Schedule(s) | Design Code(s) of Construction | Reference Catalogue (pages) or Drawing(s) |
|----------------|--|--------------------------|---------------------------------|------|------------------------|------------------------|----------------------------------|--------------------------------|---|
| | | | | | At Ambient Temperature | At Maximum Temperature | | | |
| Refer 19975s-1 | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Table 2 Additional Scope Information

| |
|---|
| List/Attach Additional Detail and References (Product Configurations, Options, Illustrations, etc.) |
| Example: |
| Series X Options |
| |

** For additional alternatives of Table 1, refer to Form AB-41a, Guide for Completing Form AB-41



REGISTRATION OF A PRESSURE FITTING DESIGN

January 18, 2024

Pressure Vessel Engineering
1440 King Street N, Unit 1, PO Box 112
St. Jacobs, ON
Canada
NOB 2N0

Attention: Nicole Kilgore

File Number: 100278

Re: Manufacturer: Engineered Controls International, LLC

Item: Valves

Catalog or Drawing: Scope Document: PVE-19975s-1 Rev. 0

TSASK Codes and Standards Compliance has registered the design listed above in accordance with The Boiler and Pressure Vessel Act and Regulations and CSA B51. The Canadian Registration Number (CRN) is:

OC23760.23

Expiry Date: 2034-01-04

Please note that every fitting shall be constructed in strict accordance with the registered design.

Fitting registrations are required to be resubmitted for validation after ten (10) years from the registration date in accordance with CSA B51, Clause 4.2.1.

Should you require anything further, please do not hesitate to contact the Codes and Standards Compliance Office at your convenience.

Yours truly,

Williams Uju, P.Eng.

Codes and Standards Compliance

Remarks:

CRN registered conditional upon compliance with the notes on the original registration.

Statutory Declaration (Registration of Fittings)

TSK-1008

I. Declaration Information

I, Zac Rubeor,

Design Engineer

(company title, e.g. vice president, plant manager, chief engineer)
(must be in a position of authority in the manufacturing plant where the fitting is produced)

of: Engineered Controls International, LLC

(name of manufacturer)

located at: 100 RegO Drive, Elon, NC 27244, United States of America

(Plant Address – Apt/Street)

(City/Prov)

(Postal Code)

do solemnly declare that the fittings listed hereinunder, which are subject to the **Saskatchewan Boiler and Pressure Vessel Safety Act** (check one)

☐ Comply with the requirements of _____ which specifies the dimensions,
(title of recognized North American Standard)

Materials of construction, pressure / temperature ratings and identification marking of the fittings, or

☒ Are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with ASME B31.3 ED 2022 as supported by the attached data which identifies the dimensions, materials of construction, pressure / temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacturer of these fittings is controlled by a quality control program which has been verified by the following authority, DQS as being suitable for the manufacturer of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are See Scope Document 19975s-1

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

Scope document: 19975s-1

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.



II. Declaration

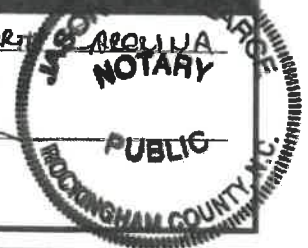
DECLARED before me at Elon In the STATE of North Carolina

this 30TH day of NOVEMBER, 2023

JASON H. SCORCE
(print name)

[Signature]
(Signature)

[Signature]
(Signature of Commissioner of Oaths)



III. Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the **Boiler and Pressure Vessel Safety Act** and CSA B51, Clause 4.2, and is accepted for registration in Category _____



**Technical
Safety Authority
of Saskatchewan**

Registration No. OC23780.23

File No. 100277

Registered

Date: January 18, 2024

Expiry Date: January 04, 2034

Codes & Standards Compliance Office

(Date Registered – MM DD YYYY)
(For the Administrator / Chief Inspector)

(Expiry Date – MM DD YYYY)

February 15, 2024

PRESSURE VESSEL ENGINEERING INC
1-1440 King St N, PO Box 112
St. Jacob's ON N0B 2N0

Dear Nicole Kilgore,

Re: Reciprocal CRN Registration in Manitoba

As indicated by the Regulatory Reconciliation and Cooperation Table and the Reconciliation Agreement for the Canadian Registration Number (CRN) for Pressure Equipment, the design reviews conducted and accepted by the Canadian province or territory, or their delegated safety authority, will be mutually recognized in the Province of Manitoba. If a registration is conditionally based on compliance with the notes set by the original issuing Jurisdiction, such compliance shall be applied the same to this Province.

Your submission has been registered, as follows:

| | |
|---------------|---------------------------------------|
| File Number: | 74-R3835 |
| CRN: | 0C23760.24 |
| Scope: | PVE-19975s-1 Rev 0 |
| Manufacturer: | ENGINEERED CONTROLS INTERNATIONAL LLC |
| Expiry Date: | 4 January 2034 |

Along with this letter is the invoice for registration.

In addition, every Pressure Vessel, Boiler, and Heat Exchanger shall be stamped with the registration number and as required by CSA Code B51, a Manufacturer's Data Report (MDR) must be forwarded to this office immediately at the time a unit is shipped to Manitoba. Send your MDR to gasupport@gov.mb.ca. In your subject line, indicate "*Manufacturer's Data Report-CRN No.*" A fee shall be billed to the Manufacturer to process data reports in accordance with the Steam and Pressure Plants Regulation section 17.1.

Please contact gasupport@gov.mb.ca for any questions or concerns.

Inspection and Technical Services

Labour and Immigration
508 – 401 York Avenue, Winnipeg, MB R3C 0P8
T (204) 945-3373 | F (204) 948-2089



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

www.tssa.org

May 9, 2024

PRESSURE VESSEL ENGINEERING LTD.
PO BOX 112
ST. JACOBS ON N0B 2N0

Workorder Type: Registration - Fitting(Conventional)
Workorder No: 14213557
Your Reference No.: PVE-19975
Registered to: ENGINEERED CONTROLS INTERNATIONAL LLC

Dear MARY McCLELLAND,

Technical Standards and Safety Authority (TSSA) is pleased to inform you that your submission has been reviewed and registered as follows:

CRN : 0C23760.25
Main Design No.: PVE-19975s-1 Rev 0
Expiry Date: Jan 04, 2034

Please be advised that a valid quality control system must be maintained for the fitting registration to remain valid until the expiry date.

Note: Design registration completed under interprovincial agreement with jurisdictional check only

The stamped copy of the approved registration and the invoice are mailed separately (There will be no hard copies for electronic submissions). 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,

Mehdi Talebi
Engineer, BPV
Tel. : +1 416-734-3413
Email : mtalebi@tssa.org



Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
www.tssa.org

Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below



STATUTORY DECLARATION Registration of Fittings

I, Zac Rubeor

Design Engineer

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

of Engineered Controls International, LLC

(Name of Manufacturer)

Located at 100 RegO Drive, Elon, NC 27244, United States of America

(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

(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 ASME B31.3 ED 2022 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 ISO 9001:2015 which has been verified by the following authority, DQS

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

Scope document: 19975s-1

(drawings, calculations, test reports, etc.)

Declared before me at Elon in the STATE of NORTH CAROLINA
the 30th day of November AD 2023

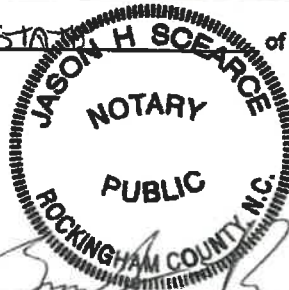
Commissioner for Oaths:

JASON H SCEARCE

(Printed name)

[Signature]

(Signature)



[Signature]

(Signature of Declarer)

FOR OFFICE USE ONLY

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

CRN: 0C23760.25

Registered by: _____

Dated: _____



This Document has been digitally signed and approved. The stamp size has been optimized for 11 x 17 documents.

NOTE: This registration expires on: JAN 4, 2034

Technical
Standards
and Safety
Authority

Boilers and
Pressure Vessels
Safety Program

REGISTERED

C.R.N.: 0C23760.25

Signed: MT

Date: May 9, 2024.



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

I, Zac Rubeor

Design Engineer

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

of Shanghai Rego Flow Technology Co., Ltd.

(Name of Manufacturer)

Located at 34th Building, No.6999, Chuansha Road, Pudong New Area, Shanghai, P.R. China

(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

(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 ASME B31.3 ED 2022 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 ISO 9001:2015 which has been verified by the following authority, CQS

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

Scope document: 19975s-1

(drawings, calculations, test reports, etc.)

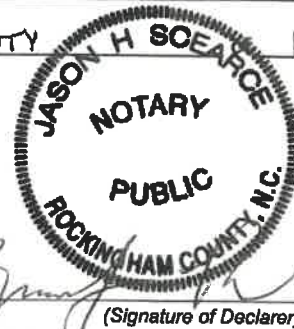
Declared before me at Edon in the CITY

the 30TH day of November AD 2023.

Commissioner for Oaths:

JASON H. SOEARCE
(Printed name)

[Signature]
(Signature)



[Signature]
(Signature of Declarer)

FOR OFFICE USE ONLY

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

CRN: 0C23760.25

Registered by: _____

Dated: _____



This Document has been digitally signed and approved. The stamp size has been optimized for 11 x 17 documents.

NOTE: This registration expires on: JAN 4, 2024

Technical Standards and Safety Authority

Boilers and Pressure Vessels Safety Program

REGISTERED

C.R.N.: 0C23760.25

Signed: MT

Date: May 9, 2024

Scope Document: PVE-19975s-1 R0**Multiple CAT C Fittings****General Conditions:**

| | |
|----------------------------------|--|
| Design Code: | B31.3 2022 Ed |
| MAWP: | Refer Note (1) |
| Max Temp: | 165 °F |
| Corrosion: | 0 in |
| Test Pressure: | Performed after installation by end user |
| MDMT: | -40 °F |
| Impact testing: | None |
| Impact testing exemption: | 323.2.2 |
| Radiography: | N/A |

Notes:

1. Fitting list outlining design conditions and material is as follows:
 - 19975s-1 Fitting List

Calculations:

- | | | |
|----------------|---|---|
| 1. 19975c-1 R0 | → | B31.3 Code Calcs for Multiple Fittings Listed in "19975s-1 Fitting List". |
| 2. 19975f-1 R0 | → | B31.3 FEA report for Multiple Fittings Listed in "19975s-1 Fitting List". |

Material Properties:

- Refer to "7. 19975 Material Pull Test" for unlisted material properties at elevated temperature.
- Refer to "8. 19975 Material Spec" for material properties at room temperature.

QC Certificate:**Engineered Controls International, LLC**

100 RegO Drive, Elon NC, USA 27244
ISO 9001:2015, Verified by DQS
Expiring 07/19/2024

Shanghai Rego Flow Technology Co., Ltd.

34th Building, No. 6999, Chuansha Road, Pudong New Area, Shanghai, P.R. China
ISO 9001:2015, Verified by CQC
Expiring 11/05/2024

THIS IS PART OF CRN

0C23760.25

Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety
Program

19975s-1 Fitting List

| TOP-LEVEL ASSY DRAWING | DESC | PART # | PART DESC | # | FORGING/C ASTING/ST OCK # | REGO MATERIAL SPEC | MATERIAL TYPE | MATERIAL # | MIN TEMP (°F) | MAX TEMP (°F) | MAX DESIGN PRESSURE (PSI) |
|---------------------------|--------------------------------|-----------|-----------------------|---------------------------|---------------------------------|--------------------------|--------------------|------------|------------------|------------------|---------------------------------|
| 1 970AX | POL CONNECTION | 970X-1A | NIPPLE | Refer 19975c-1 | 701217 | 11550-417 | ASTM B16 | UNS C36000 | -40 | 165 | 250 |
| 2 970AXS | POL CONNECTION | 970X-1AS | NIPPLE | Refer 19975c-1 | 701217 | 11550-417 | ASTM B16 | UNS C36000 | -40 | 165 | 250 |
| 3 970WXS | POL CONNECTION | 970X-1AS | NIPPLE | Refer 19975c-1 | 701217 | 11550-417 | ASTM B16 | UNS C36000 | -40 | 165 | 250 |
| 4 3119A | ADAPTER | 3119A-6 | BODY | Refer 19975c-1 | 701302 | 11550-417 | ASTM B16 | UNS C36000 | -40 | 165 | 250 |
| | | 3120-1 | TAILPIECE | | 701241 | 11550-417 | ASTM B16 | UNS C36000 | | | |
| 5 3120 | ADAPTER | 3120-6 | BODY | Refer 19975f-1 | 3120-6C | 11550-95 | ASTM B62 OR B584 | UNS C83600 | -40 | 165 | 250 |
| | | 3120-1 | TAILPIECE | Refer 19975c-1 | 701241 | 11550-417 | ASTM B16 | UNS C36000 | | | |
| 6 3121 | ADAPTER | 3121-1 | BODY | Refer 19975f-1 | 7550-1AF | 11550-160 | ASTM B283 | UNS C37700 | -40 | 165 | 250 |
| | | 3121-2 | BONNET | Refer 19975c-1 | 701288 | 11550-417 | ASTM B16 | UNS C36000 | | | |
| | | 3121-7 | TAILPIECE | Refer 19975c-1 | 701241 | 11550-417 | ASTM B16 | UNS C36000 | | | |
| 7 3179A | FILLER VALVE ADAPTER | 3179A-1 | BODY | Refer 19975c-1 | 3175-2R | 11550-417 | ASTM B16 | UNS C36000 | -40 | 165 | 250 |
| | | 3179A-2 | BODY INSERT | | 701290 | 11550-417 | ASTM B16 | UNS C36000 | | | |
| 8 3179B | FILLER VALVE ADAPTER | 3179B-1 | BODY | Refer 19975c-1 | 701300 | 11550-417 | ASTM B16 | UNS C36000 | -40 | 165 | 250 |
| | | 3179B-5 | NIPPLE | | 701241 | 11550-417 | ASTM B16 | UNS C36000 | | | |
| 9 3199W | POL CONNECTION | 3199W-1A | NIPPLE | Refer 19975c-1 | 701217 | 11550-417 | ASTM B16 | UNS C36000 | -40 | 165 | 250 |
| 10 7141F | ACME CHECK CONNECTOR | 7141F-4A | TAILPIECE NIPPLE ASSY | Refer 19975c-1 | | | | | | | |
| | | 7141F-4AB | TAILPIECE NIPPLE | | | | | | | | |
| | | 7141F-3B | TAILPIECE | | | | | | | | |
| 11 7141M SER | ACME CHECK CONNECTOR | 7141M-1M | BODY | Refer 19975c-1 | 7141M-1F | 11550-160 | ASTM B283 | UNS C37700 | -40 | 165 | 250 |
| | | 7141M-1 | BODY | | 711032 | 11550-417 | ASTM B16 | UNS C36000 | | | |
| 12 7577V | FILL HOSE ADAPTER | 7577-3 | NIPPLE | Refer 19975c-1 | 701241 | 11550-417 | ASTM B16 | UNS C36000 | -40 | 165 | 250 |
| | | 7577V-1A | BODY | | 701251 | 11550-417 | ASTM B16 | UNS C36000 | | | |
| 13 7580F-20 | ADAPTER | 7580F-1 | BODY | Refer 19975f-1 | 3120-7C | 11550-95 | ASTM B62 OR B584 | UNS C83600 | -40 | 165 | 250 |
| | | 7580F-203 | TAILPIECE | Refer 19975c-1 | 701293 | 11550-417 | ASTM B16 | UNS C36000 | | | |
| 14 7590U-20 | LIQUID ACTUATOR | 7590U-202 | BODY | "7580F-1" Cover this part | | 3120-7C | ASTM B62 OR B584 | UNS C83600 | -40 | 165 | 250 |
| | | 7590U-203 | TAILPIECE | Refer 19975c-1 | 701240 | 11550-417 | ASTM B16 | UNS C36000 | | | |
| 15 7573-20 | ADAPTER | 7580F-1 | BODY | Refer 19975f-1 | 3120-6C | 11550-95 | ASTM B62 OR B584 | UNS C83600 | -40 | 165 | 250 |
| | | 7573-26 | ADAPTER | Refer 19975c-1 | 701237 | 11550-417 | ASTM B16 | UNS C36000 | | | |
| | | 7573-25 | TAILPIECE | Refer 19975c-1 | 701226 | 11550-417 | ASTM B16 | UNS C36000 | | | |
| 16 3127N SER | THERMAL EXPANSION RELIEF VALVE | 3127-1 | BODY | Refer 19975c-1 | 701281 | 11550-417 | ASTM B16 | UNS C36000 | -40 | 165 | 250 |
| 17 SS802IN SER | THERMAL EXPANSION RELIEF VALVE | 80021-1SS | BODY | Refer 19975c-1 | 701669U | 11550-432 | ASTM A582 TYPE 303 | UNS S30300 | -40 | 165 | 400 |

THIS IS PART OF CRN
0C23760.25

Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety
Program

Montréal, 23 janvier 2024.

NICOLE KILGORE
PRESSURE VESSEL ENGINEERING LTD.
1-1440 KING STREET NORTH, PO BOX
ST. JACOB'S ONTARIO
CANADA N0B 2N0

Fabricant : ENGINEERED CONTROLS INTERNATIONAL INC.
100 REGO DRIVE
ELON NORTH CAROLINA
U.S.A. 27244

Numéro de dossier : 944679

Numéro(s) de dessin(s) : As per scope of registration - 19975s-1

Objet : Enregistrement des plans et devis – Confirmation de l'enregistrement

Bonjour,

Nous vous informons que votre demande d'enregistrement de plans et devis a été traitée et que cette conception a été enregistrée sous le numéro d'enregistrement canadien (NEC\CRN) suivant : **0C23760.26**.

Nous portons votre attention sur certaines exigences réglementaires concernant les installations sous pression, ainsi que des codes et normes qui y sont associés :

- Le fabricant doit maintenir un programme de contrôle de la qualité valide pour fabriquer un équipement selon ce NEC;
- Ce numéro d'enregistrement demeure valide tant et aussi longtemps que les paramètres de conception demeurent inchangés. Dans le cas d'accessoires, l'enregistrement est valide pour une durée de 10 ans à partir de la date d'enregistrement. Les documents de conception doivent alors être resoumis pour validation;
- Le fabricant doit nous transmettre une copie de la *Déclaration de conformité du constructeur (Manufacturer's Data Report)* pour chaque appareil ou chaudière fabriqué selon ce NEC dans les 30 jours suivant la signature de cette déclaration;
- Le numéro de dessin enregistré et le numéro de révision doivent être indiqués sur la déclaration de conformité pour les équipements fabriqués selon ce NEC.

Le présent avis d'approbation ne dégage pas le fabricant de ses responsabilités quant à la conception ou à la construction des équipements ou d'accessoires fabriqués selon un NEC.

Salutations distinguées,

Bureau d'expertise et d'homologation en équipements sous pression

Montréal

255, boul. Crémazie Est, 2ième étage
Montréal (Québec) H2M 1L5
Téléphone : 514 873-2546
Sans frais : 1 866 262-2084
enregistrementdesplans@rbq.gouv.qc.ca
www.rbq.gouv.qc.ca

Montréal, le 23 janvier 2024.

NICOLE KILGORE
PRESSURE VESSEL ENGINEERING LTD.
1-1440 KING STREET NORTH, PO BOX
ST. JACOB'S ONTARIO
CANADA N0B 2N0

Manufacturer : ENGINEERED CONTROLS INTERNATIONAL INC.
100 REGO DRIVE
ELON NORTH CAROLINA
U.S.A. 27244

OUR REFERENCE : 944679
Design number : As per scope of registration - 19975s-1

Subject: Design registration confirmation

Hi,

We wish to inform you that your design registration application has been evaluated and that it was registered under the following Canadian Registration Number (CRN): **0C23760.26**.

The following is a reminder of your obligations regarding certain requirements of the regulation respecting pressure vessels, and the referenced codes and standards:

- The manufacturer must maintain a valid quality control program to manufacture equipment according to the CRN.
- The CRN remains valid as long as there are no changes to the design calculations that might affect the pressure boundary. The design registration of fittings expires 10 years after acceptance. It must, therefore, be resubmitted for validation.
- The manufacturer shall submit a copy of the *Manufacturer's Data Report* to us for each boiler or pressure vessel manufactured according to this CRN within 30 days following the signing of this report.
- The drawing number and the revision number registered under this CRN must be indicated on the *Manufacturer's Data Report* for equipment manufactured according to the CRN.

This notice of approval does not relieve the manufacturer of their responsibilities with respect to the design or fabrication of equipment manufactured according to this CRN.

Yours sincerely,

Bureau d'expertise et d'homologation en équipements sous pression

Montréal

255, boul. Crémazie Est, 2ième étage
Montréal (Québec) H2M 1L5
Téléphone : 514 873-2546
Sans frais : 1 866 262-2084
enregistrementdesplans@rbq.gouv.qc.ca
www.rbq.gouv.qc.ca

Scope Document: PVE-19975s-1 R0

Multiple CAT C Fittings



General Conditions:

| | |
|---------------------------|--|
| Design Code: | B31.3 2022 Ed |
| MAWP: | Refer Note (1) |
| Max Temp: | 165 °F |
| Corrosion: | 0 in |
| Test Pressure: | Performed after installation by end user |
| MDMT: | -40 °F |
| Impact testing: | None |
| Impact testing exemption: | 323.2.2 |
| Radiography: | N/A |

Notes:

1. Fitting list outlining design conditions and material is as follows:
 - 19975s-1 Fitting List

Calculations:

1. 19975c-1 R0  B31.3 Code Calcs for Multiple Fittings Listed in "19975s-1 Fitting List".
2. 19975f-1 R0  B31.3 FEA report for Multiple Fittings Listed in "19975s-1 Fitting List".

Material Properties:

- Refer to "7. 19975 Material Pull Test" for unlisted material properties at elevated temperature.
- Refer to "8. 19975 Material Spec" for material properties at room temperature.

QC Certificate:

Engineered Controls International, LLC

100 RegO Drive, Elon NC, USA 27244

ISO 9001:2015, Verified by DQS

Expiring 07/19/2024

Shanghai Rego Flow Technology Co., Ltd.

34th Building, No. 6999, Chuansha Road, Pudong New Area, Shanghai, P.R. China

ISO 9001:2015, Verified by CQC

Expiring 11/05/2024

Building Act (B-1.1)
Regulation respecting pressure vessels (B-1.1, r. 6.1)
Boiler, pressure vessel, and pressure piping code (CSA B51)



This declaration must be filled out and sent to the Régie du bâtiment du Québec (RBQ) by pressure fitting manufacturers when they make an application registration for fittings.

For more information on the application registration for fittings, consult the www.rbq.gouv.qc.ca/fittings-pv.

1. Fittings to register

List the fittings included in this declaration and that you wish to register.

| N° | Description | Additional information (detail, calculations or approval sheets) |
|----|----------------|--|
| 1 | Refer 19975s-1 | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |

2. Declaration of the person in charge

The person in charge is someone in a position of authority, such as a vice-president, a plant manager or a chief engineer.

2.1 Design

I, the undersigned, Zac Rubeor Design Engineer
(Name of the person in charge) (Title of the person in charge)
from Shanghai Rego Flow Technology Co., Ltd, located at 34th Building, No.6999, Chuansha Road, Pudong New Area, Shanghai, P.R. China
(Company's name) (Plant's address)

hereby declare that the above-mentioned fittings and subject to the Regulation respecting pressure installations:

☐ comply with the requirements of the ANSI/ASME codes as to their dimensions, identification, material and purpose
or

☒ are not covered by the ANSI/ASME codes, but are in compliance with ASME B31.3 ED 2022
(Name of code or standard)

code or standard and are designed according to the best current engineering practice, as proven by the enclosed approval report.

2.2 Manufacturing quality control

I further declare that the manufacture of these fittings is controlled by a quality control program that complies with the requirements of the following code: ISO 9001:2015, and has been verified by CQS
(Name of code) (Authorized agency)

Signature of the person in charge:

Date (yyyy-mm-dd): 2023-11-30

3. Declaration of commissioner for oaths

I certify that this declaration has been administered before me, at ELON, NC, on 2023-11-30.
(Location) (Date (yyyy-mm-dd)):

Signature of commissioner for oaths:

Date (yyyy-mm-dd): 2023-11-30

Stamp the seal:



4. Registration confirmation (for RBQ's use only)

As far as I know, this application complies with the requirements of the Act and with standard CSA B51, Part 1, section 4.2, and is accepted for registration in the class _____.

This registration expires in ten (10) years after the date of registration indicated above, and it must be validated again after this period.

Canadian registration number (CRN):

Registration date (yyyy-mm-dd):



Documents to attach

Any application registration for fittings must include these documents:

- Statutory Declaration Registration of Fittings (2 copies)
- Detailed calculations or burst test report (1 copy)
- Detailed technical drawings or catalogues (2 copies)
- Example of the manufacturer's marking (1 copy)
- Proof that a valid and approved quality control program has been implemented (1 copy)
- Form Application for design registration (1 copy)

Sending the form

This declaration is mandatory in order to submit an application registration of fittings.

Application registration for fittings must only be sent by mail to this address:

Bureau d'expertise et d'homologation en équipements sous pression

Régie du bâtiment du Québec

545, boulevard Crémazie Est, 7^e étage

Montréal (Québec) H2M 2V2

Statutory Declaration Registration of Fittings

Building Act (B-1.1)
Regulation respecting pressure vessels (B-1.1, r. 6.1)
Boiler, pressure vessel, and pressure piping code (CSA B51)



This declaration must be filled out and sent to the Régie du bâtiment du Québec (RBQ) by pressure fitting manufacturers when they make an application registration for fittings.

For more information on the application registration for fittings, consult the www.rbq.gouv.qc.ca/fittings-pv.

1. Fittings to register

List the fittings included in this declaration and that you wish to register.

| N° | Description | Additional information (detail, calculations or approval sheets) |
|----|----------------|--|
| 1 | Refer 19975s-1 | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |

2. Declaration of the person in charge

The person in charge is someone in a position of authority, such as a vice-president, a plant manager or a chief engineer.

2.1 Design

I, the undersigned, Zac Rubeor Design Engineer
(Name of the person in charge) (Title of the person in charge)

from Engineered Controls International, LLC, located at 100 RegO Drive, Elon, NC 27244, United States of America
(Company's name) (Plant's address)

hereby declare that the above-mentioned fittings and subject to the Regulation respecting pressure installations:

☐ comply with the requirements of the ANSI/ASME codes as to their dimensions, identification, material and purpose or

☒ are not covered by the ANSI/ASME codes, but are in compliance with ASME B31.3 ED 2022
(Name of code or standard)



code or standard and are designed according to the best current engineering practice, as proven by the enclosed approval report.

2.2 Manufacturing quality control


I further declare that the manufacture of these fittings is controlled by a quality control program that complies with the requirements of the following code: ISO 9001:2015, and has been verified by DQS
(Name of code) (Authorized agency)

Signature of the person in charge: [Signature] Date (yyyy-mm-dd): 2023-11-30

3. Declaration of commissioner for oaths

| | |
|--|--------------------------------------|
| I certify that this declaration has been administered before me, at <u>ELGIN, NC</u> , on <u>2023-11-30</u> (Location) (Date (yyyy-mm-dd)): | |
| Signature of commissioner for oaths:  | Date (yyyy-mm-dd): <u>2023-11-30</u> |
| Stamp the seal:  | |

4. Registration confirmation (for RBQ's use only)

| | |
|---|---------------------------------|
| As far as I know, this application complies with the requirements of the Act and with standard CSA B51, Part 1, section 4.2, and is accepted for registration in the class _____. | |
| This registration expires in ten (10) years after the date of registration indicated above, and it must be validated again after this period. | |
| Canadian registration number (CRN): | Registration date (yyyy-mm-dd): |
|  | |

Documents to attach

Any application registration for fittings must include these documents:

- Statutory Declaration Registration of Fittings (2 copies)
- Detailed calculations or burst test report (1 copy)
- Detailed technical drawings or catalogues (2 copies)
- Example of the manufacturer's marking (1 copy)
- Proof that a valid and approved quality control program has been implemented (1 copy)
- Form Application for design registration (1 copy)

Sending the form

This declaration is mandatory in order to submit an application registration of fittings.

Application registration for fittings must only be sent by mail to this address:

Bureau d'expertise et d'homologation en équipements sous pression

Régie du bâtiment du Québec

545, boulevard Crémazie Est, 7^e étage

Montréal (Québec) H2M 2V2


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 NAME: Shanghai Rego Flow Technology Co., Ltd. | | |
| MANUFACTURERS ADDRESS: 34th Building, No.6899, Chuansha Road, Pudong New Area, Shanghai, P.R. China | | |
| PLANT LOCATIONS: 34th Building, No.6899, Chuansha Road, Pudong New Area, Shanghai, P.R. China | | |
| CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY <input type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers <input type="radio"/> B Flanges: all flanges <input type="radio"/> C Valves: all line valves <input type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types <input type="radio"/> E Strainers, filters, separators, and steam traps <input type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters <input type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs <input type="radio"/> H Pressure retaining components that do not fall into one of the above categories <input type="radio"/> N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements) | TITLE OF THE STANDARD OF CONSTRUCTION ASME B31.3 ED 2022 | |
| SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT <div style="text-align: center;">  </div> | | TYPE OF CONSTRUCTION FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER: Machining, Casting |
| LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: See Scope Document 19975s-1 Scope document: 19975s-1 | | |

DECLARATION:

I Zac Rubear (see note 2) employed by Shanghai Rego Flow Technology and being 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 CQS as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: [Signature]
 Declared before me at ELON, NC
 This 30TH day of NOVEMBER AD 2023
 Commissioner of Oaths or Notary Public: (sign) [Signature]

USE THIS SPACE FOR:



| | |
|--|--|
| This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance. | |
| CRN: <u>0C23760.2</u> FID#: <u>1704</u> | <p align="center">ACCEPTED</p> <p align="center">PROVINCE OF PRINCE EDWARD ISLAND</p> <p align="center">COMMUNITIES, LAND & ENVIRONMENT</p> <p> C.R.N. <u>0C23760.29</u> DATE: <u>January 19 2024</u> <u>[Signature]</u> INSPECTION SERVICES SECTION BOILER/PRESSURE VESSEL BRANCH </p> |
| 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. 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. | |

Rev. 1 05/2003


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 NAME: Engineered Controls International, LLC | | |
| MANUFACTURERS ADDRESS: 100 RegO Drive, Elon, NC 27244, United States of America | | |
| PLANT LOCATIONS: 100 RegO Drive, Elon, NC 27244, United States of America | | |
| CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY <input type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers <input type="radio"/> B Flanges: all flanges <input checked="" type="radio"/> C Valves: all line valves <input type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types <input type="radio"/> E Strainers, filters, separators, and steam traps <input type="radio"/> F Measuring devices: including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters <input type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs <input type="radio"/> H Pressure retaining components that do not fall into one of the above categories <input type="radio"/> N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements) | TITLE OF THE STANDARD OF CONSTRUCTION ASME B31.3 ED 2022 | |
| SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT <div align="center">  </div> | | TYPE OF CONSTRUCTION FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER: Machining, Casting |
| LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: See Scope Document 19975s-1 Scope document: 19975s-1 | | |

DECLARATION:

I, Zac Rubear (see note 2) employed by Engineered Controls International and being 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 POS as being suitable for that purpose and that this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath.

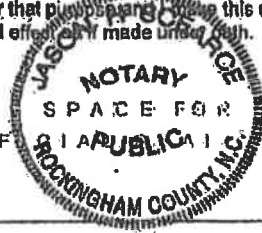
Signature of Declarer: [Signature]

Declared before me at Elon, NC

This 30th day of November AD 2023

Commissioner of Oaths
or Notary Public: (sign) [Signature]

USE THIS SPACE FOR
OFFICIAL PUBLIC



| | |
|---|--|
| This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance. | |
| CRN: <u>0C23760.2</u> FID#: <u>1704</u> | ACCEPTED PROVINCE OF PRINCE EDWARD ISLAND COMMUNITIES, LAND & ENVIRONMENT C.R.N. <u>0C23760.29</u> DATE: <u>January 19 2024</u> <u>[Signature]</u> INSPECTION SERVICES SECTION BOILER/PRESSURE VESSEL BRANCH |
| 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. 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 STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: Shanghai Rego Flow Technology Co., Ltd.

MANUFACTURERS ADDRESS: 34th Building, No.6999, Chuansha Road, Pudong New Area, Shanghai, P.R. China

PLANT LOCATIONS: 34th Building, No.6999, Chuansha Road, Pudong New Area, Shanghai, P.R. China

CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY

- ☐ A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers
☐ B Flanges: all flanges
☒ C Valves: all line valves
☐ D Expansion joints, flexible connections, and hose assemblies: all types
☐ E Strainers, filters, separators, and steam traps
☐ 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 CNSC or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION

ASME B31.3 ED 2022

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT



TYPE OF CONSTRUCTION

FORGED ☐ WELDED ☐ WROUGHT ☐
 CAST ☐ OTHER ☐
 DESCRIBE OTHER:
 Machining, Casting

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

See Scope Document 19975s-1

Scope document: 19975s-1

DECLARATION:

I, Zac Rubeor (see note 3) employed by Shanghai Rego Flow Technology, and being 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 COS as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: Zac Rubeor

Declared before me at GLION, NC

This 30TH day of NOVEMBER AD 2023

Commissioner of Oaths
or Notary Public: (sign) [Signature]

USE THIS SPACE FOR:
OFFICIAL PUBLIC



This space for Regulatory Authority use

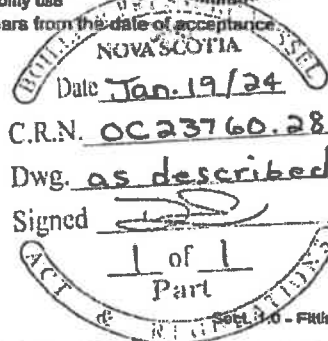
This registration must be revalidated after ten (10) years from the date of acceptance

CRN: 0C23760.2

FID#: 1704

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.
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.



SECT 3.0 - Fittings Rev. 1 06/2003


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 NAME: Engineered Controls International, LLC | |
| MANUFACTURERS ADDRESS: 100 RegO Drive, Elon, NC 27244, United States of America | |
| PLANT LOCATIONS: 100 RegO Drive, Elon, NC 27244, United States of America | |
| CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY <input type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers <input type="radio"/> B Flanges: all flanges <input checked="" type="radio"/> C Valves: all line valves <input type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types <input type="radio"/> E Strainers, filters, separators, and steam traps <input type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters <input type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs <input type="radio"/> H Pressure retaining components that do not fall into one of the above categories <input type="radio"/> N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements) | TITLE OF THE STANDARD OF CONSTRUCTION ASME B31.3 ED 2022 |
| SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT  | TYPE OF CONSTRUCTION FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER: Machining, Casting |
| LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: See Scope Document 19975s-1 Scope document: 19975s-1 | |

DECLARATION:

I, Zac Ruheor (see note 3) employed by Engineered Controls International and being 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 DQS as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

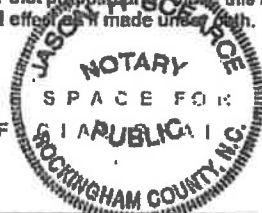
Signature of Declarer: Zac Ruheor

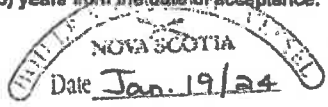
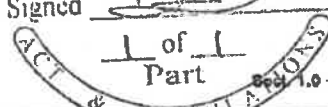
Declared before me at Elon, NC

This 30th day of November AD 2023

Commissioner of Oaths
or Notary Public: (sign) [Signature]

USE THIS SPACE FOR
OFFICIAL PUBLIC USE



| | |
|---|---|
| CRN: <u>0C23760.2</u> FID#: <u>1704</u> 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. 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. | This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance.  Date <u>Jan. 19/24</u> C.R.N. <u>0C23760.28</u> Dwg. <u>as described</u> Signed <u>[Signature]</u> 1 of 1 Part  |
|---|---|

Form 1.0 - Fittings Rev. 1 06/2003


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 NAME: Shanghai Rego Flow Technology Co., Ltd. | |
| MANUFACTURERS ADDRESS: 34th Building, No.6999, Chuansha Road, Pudong New Area, Shanghai, P.R. China | |
| PLANT LOCATIONS: 34th Building, No.6999, Chuansha Road, Pudong New Area, Shanghai, P.R. China | |
| CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY <input type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers <input type="radio"/> B Flanges: all flanges <input checked="" type="radio"/> C Valves: all line valves <input type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types <input type="radio"/> E Strainers, filters, separators, and steam traps <input type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters <input type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs <input type="radio"/> H Pressure retaining components that do not fall into one of the above categories <input type="radio"/> N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements) | TITLE OF THE STANDARD OF CONSTRUCTION ASME B31.3 ED 2022 |
| SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT  | TYPE OF CONSTRUCTION FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER: Machining, Casting |
| LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: See Scope Document 19975s-1 Scope document: 19975s-1 | |

DECLARATION:


I Zac Rubeor (see note 3) employed by Shanghai Rego Flow Technology and being 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 COS as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: Zac Rubeor

Declared before me at Glendon, N.C.

This 30TH day of NOVEMBER AD 2023

Commissioner of Oaths
or Notary Public: (sign) [Signature]

| | |
|---|--|
|  USE THIS SPACE FOR: OFFICIAL SEAL New Brunswick DEPT OF JUSTICE BOILER & PRESSURE VESSEL | |
| This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance. | |
| CRN: <u>OC23760.2</u> FID#: <u>1704</u> | REGISTRATION ONLY CRN <u>OC23760.27</u> <u>[Signature]</u> CHIEF BOILER INSPECTOR DATE <u>1/19/24</u> |
| 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. 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. | |
| <input type="checkbox"/> BLRs <input type="checkbox"/> PVs Sect. 1.0 - Fittings Rev. 1 06/2003 <input checked="" type="checkbox"/> FITTINGS <input type="checkbox"/> NUCLEAR COMPONENTS | |


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 NAME: Engineered Controls International, LLC | |
| MANUFACTURERS ADDRESS: 100 RegO Drive, Elon, NC 27244, United States of America | |
| PLANT LOCATIONS: 100 RegO Drive, Elon, NC 27244, United States of America | |
| CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY <input type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers <input type="radio"/> B Flanges: all flanges <input checked="" type="radio"/> C Valves: all line valves <input type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types <input type="radio"/> E Strainers, filters, separators, and steam traps <input type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters <input type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs <input type="radio"/> H Pressure retaining components that do not fall into one of the above categories <input type="radio"/> N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements) | TITLE OF THE STANDARD OF CONSTRUCTION ASME B31.3 ED 2022 |
| SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT  | TYPE OF CONSTRUCTION FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER: Machining, Casting |
| LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: See Scope Document 19975s-1 Scope document: 19975s-1 | |

DECLARATION:

I, Zac Ruben (see note 3) employed by Engineered Controls International and being 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 DOS as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: [Signature]

Declared before me at Klein, NC

This 30th day of November AD 2023

Commissioner of Oaths
or Notary Public: (sign) [Signature]

USE THIS SPACE FOR:

NOTARY
New Brunswick
BRUNSWICK
SHEPPARD COUNTY, N.C.

DEPT. OF JUSTICE PUBLIC SAFETY

This space for Regulatory Authority use

This registration must be revalidated after ten (10) years from the date of acceptance.

CRN: 0C23760.2

FID#: 1704

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.
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.

BOILER & PRESSURE VESSEL ACT

REGISTRATION ONLY

CRN 0C23760.27

[Signature]
CHIEF BOILER INSPECTOR

DATE 1/19/24

☐ BLRs ☐ PVs Sect. 1.0 - Fittings Rev. 1 06/2003

☒ FITTINGS ☐ NUCLEAR COMPONENTS


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 NAME: Shanghai Rego Flow Technology Co., Ltd | |
| MANUFACTURERS ADDRESS: 34th Building, No.6899, Chuansha Road, Pudong New Area, Shanghai, P.R. China | |
| PLANT LOCATIONS: 34th Building, No.6899, Chuansha Road, Pudong New Area, Shanghai, P.R. China | |
| <p>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</p> <p><input type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p><input type="radio"/> B Flanges: all flanges</p> <p><input type="radio"/> C Valves: all flow valves</p> <p><input type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types</p> <p><input type="radio"/> E Strainers, filters, separators, and steam traps</p> <p><input type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p><input type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p><input type="radio"/> H Pressure retaining components that do not fall into one of the above categories</p> <p><input type="radio"/> N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNB or ASME requirements)</p> | <p>TITLE OF THE STANDARD OF CONSTRUCTION</p> <p>ASME B31.3 ED 2022</p> |
| <p>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</p> <p align="center"></p> | <p>TYPE OF CONSTRUCTION</p> <p>FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/></p> <p>CAST <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>DESCRIBE OTHER: Machining, Casting</p> |
| <p>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p> <p>See Scope Document 19975s-1</p> <p>Scope document: 19975s-1</p> | |

DECLARATION:

I, Zac Ruben (name and title of person employed by Shanghai Rego Flow Technology, and being 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 CGS as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: Zac Ruben

Declared before me at Glenn, N.C.

This 20th day of November AD 2023

Commissioner of Oaths or Notary Public (sign) [Signature]

USE THIS SPACE FOR OFFICIAL PUBLIC NOTARY



| | |
|---|---|
| <p>This space for Regulatory Authority use</p> <p>This registration must be revalidated after ten (10) years from date of acceptance.</p> <p>CRN: <u>0C23760.2</u></p> <p>FID#: <u>1704</u></p> <p>Notes:</p> <ol style="list-style-type: none"> 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. | <p>Registered <u>0C23760.20</u></p> <p>Date <u>Jan 19, 2024</u></p> <p>Engineering and Inspection Services</p> <p>Registered by <u>[Signature]</u></p> <p>UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULATIONS</p> <p>Rev. 1.0 - FID# Rev. 1 06/2003</p> |
|---|---|


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 NAME: Engineered Controls International, LLC | | |
| MANUFACTURERS ADDRESS: 100 RegO Drive, Elon, NC 27244, United States of America | | |
| PLANT LOCATIONS: 100 RegO Drive, Elon, NC 27244, United States of America | | |
| CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY <input type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers <input type="radio"/> B Flanges: all flanges <input checked="" type="radio"/> C Valves: all line valves <input type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types <input type="radio"/> E Strainers, filters, separators, and steam traps <input type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters <input type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs <input type="radio"/> H Pressure retaining components that do not fall into one of the above categories <input type="radio"/> N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNB or ASME requirements) | TITLE OF THE STANDARD OF CONSTRUCTION ASME B31.3 ED 2022 | |
| SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT <div align="center">  </div> | | TYPE OF CONSTRUCTION FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER: Machining, Casting |
| LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: See Scope Document 19875s-1 Scope document: 19875s-1 | | |

DECLARATION:

I, Joe Ruben (full name) employed by Engineered Controls International and being 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 POS as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: Joe Ruben

Declared before me at Elon, NC

This 30th day of November AD 2023

Commissioner of Oaths
or Notary Public: (sign) [Signature]

USE THIS SPACE FOR
OFFICIAL PUBLIC USE



| | |
|--|---|
| This space for Regulatory Authority use: This registration must be revalidated after ten (10) years from the date of acceptance. | |
| CRN: <u>OC23760.2</u> FID#: <u>1704</u> | Registered <u>OC23760.20</u> Date <u>Jan 19, 2024</u> Engineering and Inspection Services Registered by <u>[Signature]</u> UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULATIONS |
| 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. 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. | |

Section 1.0 - Filings Rev. 1 06/2003

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 NAME: Shanghai Rego Flow Technology Co., Ltd.

MANUFACTURERS ADDRESS: 34th Building, No.6999, Chuansha Road, Pudong New Area, Shanghai, P.R. China

PLANT LOCATIONS: 34th Building, No.6999, Chuansha Road, Pudong New Area, Shanghai, P.R. China

CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY

- ☐ A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers
- ☐ B Flanges: all flanges
- ☒ C Valves: all line valves
- ☐ D Expansion joints, flexible connections, and hose assemblies: all types
- ☐ E Strainers, filters, separators, and steam traps
- ☐ 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 CNSC or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION

ASME B31.3 ED 2022

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT



TYPE OF CONSTRUCTION

FORGED ☐ WELDED ☐ WROUGHT ☐
CAST ☐ OTHER ☐
DESCRIBE OTHER:
Machining, Casting

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

See Scope Document 19975s-1

Scope document: 19975s-1

DECLARATION:

I Zac Ruben (see note 3) employed by Shanghai Rego Flow Technology and being 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 COS as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

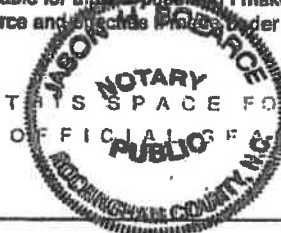
Signature of Declarer: Zac Ruben

Declared before me at CLON, NC

This 30TH day of NOVEMBER AD 2023

Commissioner of Oaths
or Notary Public: (sign) [Signature]

USE THIS SPACE FOR:
OFFICIAL SEAL



This space for Regulatory Authority use

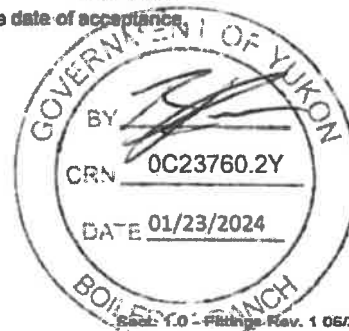
This registration must be revalidated after ten (10) years from the date of acceptance

CRN: 0C23760.2

FID#: 1704

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.
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.



Sec. 1.0 - Fittings Rev. 1 06/2003


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 NAME: Engineered Controls International, LLC | | |
| MANUFACTURERS ADDRESS: 100 RegO Drive, Elon, NC 27244, United States of America | | |
| PLANT LOCATIONS: 100 RegO Drive, Elon, NC 27244, United States of America | | |
| CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY <input type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers <input type="radio"/> B Flanges: all flanges <input checked="" type="radio"/> C Valves: all line valves <input type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types <input type="radio"/> E Strainers, filters, separators, and steam traps <input type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters <input type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs <input type="radio"/> H Pressure retaining components that do not fall into one of the above categories <input type="radio"/> N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements) | TITLE OF THE STANDARD OF CONSTRUCTION ASME B31.3 ED 2022 | |
| SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT <div style="text-align: center;">  </div> | | TYPE OF CONSTRUCTION FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER: Machining, Casting |
| LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: See Scope Document 19975s-1 Scope document: 19975s-1 | | |

DECLARATION:

I, Zac Ruboor (see note 3) employed by Engineered Controls International and being 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 DQS as being suitable for that purpose and I give this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

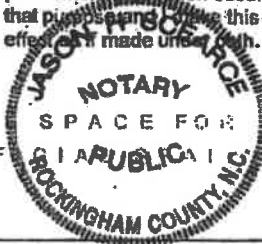
Signature of Declarer: [Signature]


Declared before me at Elon, NC

This 30th day of NOVEMBER AD 2023

Commissioner of Oaths
or Notary Public: (sign) [Signature]

USE THIS SPACE FOR THE OFFICIAL PUBLIC SEAL



| | |
|--|--|
| This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance. | |
| CRN: <u>0C23760.2</u> |  |
| FID#: <u>1704</u> | |
| 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. 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 STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

| | | |
|---|--|--|
| MANUFACTURERS NAME: Shanghai Rego Flow Technology Co., Ltd. | | |
| MANUFACTURERS ADDRESS: 34th Building, No.8888, Chuansha Road, Pudong New Area, Shanghai, P.R. China | | |
| PLANT LOCATIONS: 34th Building, No.8888, Chuansha Road, Pudong New Area, Shanghai, P.R. China | | |
| CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY <input type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers <input type="radio"/> B Flanges: all flanges <input type="radio"/> C Valves: all line valves <input type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types <input type="radio"/> E Strainers, filters, separators, and steam traps <input type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters <input type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs <input type="radio"/> H Pressure retaining components that do not fall into one of the above categories <input type="radio"/> N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> . (Meeting CNSC or ASME requirements) | TITLE OF THE STANDARD OF CONSTRUCTION ASME B31.3 ED 2022 | |
| SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT <div align="center">  </div> | | TYPE OF CONSTRUCTION FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER: _____ Machining, Casting |
| LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: See Scope Document 19975s-1 Scope document: 19975s-1 | | |

DECLARATION:

I, Zac Rubner (see note 3) employed by Shanghai Rego Flow Technology, and being 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 CNSC as being suitable for the intended use. I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: Zac Rubner

Declared before me at GLON, NC

This 30TH day of NOVEMBER AD 2023

Commissioner of Oaths
or Notary Public: (sign) [Signature]

USE THIS SPACE FOR
OFFICIAL SEAL



| | |
|---|--|
| This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance. CRN: <u>OC23760.2</u> FID#: <u>1704</u> | |
| 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. 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 revalidated for validation at a maximum interval of five (5) years. | |
| RE-ENTERED UNDER THE AUTHORITY OF THE BOILER AND PRESSURE VESSEL ACT C.R.N. <u>OC23760.2T</u> SIGNED <u>[Signature]</u> DATE <u>Jan 19/24</u> | |

Excl. 1.0 - Fittings Rev. 1 06/2003

163.00

NEW BRUNSWICK
NUNAVUT
NOVA SCOTIA
YUKON
PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES
NEWFOUNDLAND AND LABRADOR

DECLARATION:

I, Zac Rubner, 3000 miles is employed by Engineered Controls International and being 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 QCS as being suitable for that purpose. I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer:

Declared before me at

THE 30th

Commissioner of Customs

or Notary Public: (sign)

USE THIS SPACE FOR
OFFICIAL BUSINESS



This space for Regulatory Authority Use

This registration must be revalidated after ten (10) years from the date of acceptance.

GRN: OC23760.2

FILE 1704

Notes:

1. All things shall be registered in the name of the Manufacturers.
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 reassembled for validation at a maximum interval of five (5) years.

Northwest Territories

REGISTERED
UNDER THE AUTHORITY OF
THE BOILER AND PRESSURE
VESSEL ACT.

C.R.N. 0673760.2T

SIGNED *Lance Rogers*

DATE Jan 17/24

9 - Final Rev. 1 05/2003


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 NAME: Shanghai Rego Flow Technology Co., Ltd. | |
| MANUFACTURERS ADDRESS: 34th Building, No.6989, Chuensha Road, Pudong New Area, Shanghai, P.R. China | |
| PLANT LOCATIONS: 34th Building, No.6989, Chuensha Road, Pudong New Area, Shanghai, P.R. China | |
| <p>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</p> <p><input type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p><input type="radio"/> B Flanges: all flanges</p> <p><input checked="" type="radio"/> C Valves: all line valves</p> <p><input type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types</p> <p><input type="radio"/> E Strainers, filters, separators, and steam traps</p> <p><input type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p><input type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p><input type="radio"/> H Pressure retaining components that do not fall into one of the above categories</p> <p><input type="radio"/> I Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNB or ASME requirements)</p> | <p>TITLE OF THE STANDARD OF CONSTRUCTION</p> <p>ASME B31.3 ED 2022</p> |
| <p>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</p> <p align="center">REGO </p> | <p>TYPE OF CONSTRUCTION</p> <p>FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/></p> <p>CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/></p> <p>DESCRIBE OTHER: Machining, Casting</p> |
| <p>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p> <p>See Scope Document 18975s-1</p> <p>Scope document: 18975s-1</p> | |

DECLARATION:

I, Zec Ruber (see note 3) employed by Shanghai Rego Flow Technology, and being 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 COS as being suitable for that purpose. I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.


Signature of Declarer: 

Declared before me at CLON, NC

This 30th day of NOVEMBER AD 2023

Commissioner of Oaths
or Notary Public: (sign) 

USE THIS SPACE FOR:

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|---|
| <p>NOTARY PUBLIC</p> <p>NUNAVUT</p> |
| <p align="center">REGISTERED</p> <p>CRN <u>0C23760.2N</u></p> <p>Date <u>Jun 19, 2024</u></p> <p>Signed <u></u></p> <p align="center">Chief Inspector</p> <p align="center">Sect. 1.6 - Fittings Rev. 1 06/2003</p> <p align="center">Territorial Registration Fee</p> |

CRN: 0C23760.2

FID#: 1704

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.
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 STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

| | |
|--|---|
| MANUFACTURERS NAME: Engineered Controls International, LLC | |
| MANUFACTURERS ADDRESS: 100 RegO Drive, Elon, NC 27244, United States of America | |
| PLANT LOCATIONS: 100 RegO Drive, Elon, NC 27244, United States of America | |
| CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY <input type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers <input type="radio"/> B Flanges: all flanges <input checked="" type="radio"/> C Valves: all line valves <input type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types <input type="radio"/> E Strainers, filters, separators, and steam traps <input type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters <input type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs <input type="radio"/> H Pressure retaining components that do not fall into one of the above categories <input type="radio"/> I Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements) | TITLE OF THE STANDARD OF CONSTRUCTION ASME B31.3 ED 2022 |
| SHOW MANUFACTURERS NAME, TRADEMARK OR LOGO AS IT WILL APPEAR ON THE PRODUCT  | TYPE OF CONSTRUCTION FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER: Machining, Casting |
| LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: See Scope Document 19975e-1 Scope document: 19975e-1 | |

DECLARATION:

I, Zac Ruben (see note 1) employed by Engineered Controls International and being 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 DOS as being suitable for that purpose. I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: Zac Ruben

Declared before me at Elon, NC

This 30th day of November AD 2023

Commissioner of Oaths
or Notary Public: (sign) [Signature]

USE THIS SPACE FOR
OFFICIAL PUBLIC USE



| | |
|---|--|
| This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance. CRN: <u>OC23760.2</u> FID#: <u>1704</u> 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. 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. | Boilers and Pressure Vessels Act REGISTERED CRN <u>OC23760.2N</u> Date <u>Jan 19, 2024</u> Signed <u>[Signature]</u> Chief Inspector Territorial Registration Fee |
|---|--|