

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

Date: January 6, 2023
Account #: 45363
Journal #: 81766

Attn: NICOLE KILGORE

Re: Application for Design Registration

The design, as detailed in your, PVE-17770, for a Fitting is accepted for registration as follows:

Registered To: REGO PRODUCTS **CRN:** 0A22754.21

Drawing #: PVE-17770s-1

Drawing Revision: 0

This design was registered based on a technical review performed by the province of initial registration in accordance with the Association of Chief Inspectors policy on reciprocal recognition of design review.

Reviewer's Notes:

As required by CSA B51 4.2.1, this registration expires on November 16, 2032

. This CRN is valid until the expiry date as long as the Manufacturer maintains a valid quality control program verified by an acceptable third-party agency until that date. Should the certification of the quality control program lapse before the expiry date, this registration shall become void. Any additional conditions of registration stated in ABSA CRN# 0A22754.2 registration shall apply to BC registration."

Contact me if you have any questions. The invoice for registration will be forwarded under separate cover.

Janina Mihailescu

janina.mihailescu@technicalsafetybc.ca
Design Administration

cc:

November 16, 2022

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 2022-05672, originally received on October 06, 2022 was surveyed and accepted for registration as follows:

CRN :	0A22754.2	Accepted on:	November 16, 2022
Reg Type:	NEW DESIGN	Expiry Date:	November 16, 2032
Drawing No. :	17770s-1		
Fitting type:	Pipe fittings		
Design registered in the name of : ENGINEERED CONTROLS INTERNATIONAL LLC			

Description	MAWP	Design Temperature
see scope for rating		

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

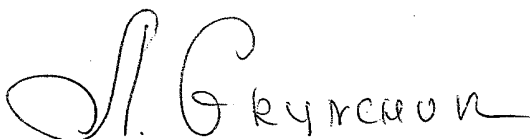
As indicated on AB-41 Statutory Declaration or AB-351 Declaration of Conformity form and submitted documentation, the code of construction is ASME B31.3.

- 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 3330 or fax (780) 437-7787 or e-mail grynchuk@absa.ca.

Sincerely,



GRYNCHUK, MILLA, P. Eng.



the pressure equipment safety authority

9410 - 20 Ave N.W.
Edmonton, Alberta, Canada T6N 0A4
Tel: (780) 437-9100 / Fax: (780) 437-7787

November 16, 2022

DOP Cert. No. D00005217

December 14, 2022

Pressure Vessel Engineering
1440 King Street North, Unit 1, 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-R2823
CRN:	0A22754.24
Scope:	17770s-1
Manufacturer:	Engineered Controls International LLC
Expiry Date:	15 November 2032

Along with this letter is the invoice for registration.

In addition, every vessel shall be stamp of 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, Consumer Protection and Government Services
508 – 401 York Avenue, Winnipeg, MB R3C 0P8
T (204) 945-3373 | F (204) 948-2089

Montréal, le 20 décembre 2022.

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

Manufacturer : REGO PRODUCTS -ECI, LLC
100 REGO DRIVE
ELON NC
USA 27244

OUR REFERENCE : 946844
Design number : SCOPE OF REGISTRATION 17770s-1 Rev.0

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): **OA22754.26**.

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 equipment 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

545, boul. Crémazie Est, 7ième étage
Montréal (Québec) H2M 2V2
Téléphone : 514 873-6459
Sans frais : 1 866 262-2084
www.rbq.gouv.qc.ca

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, USA

PLANT LOCATIONS: 100 Rego Drive, Elon, NC, 27244, USA

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 flexible plugs
☐ H Pressure retaining components that do not fall into one of the above categories
☐ I Nuclear components: Class 1 ☐ Class 2 ☐ Class 3 ☐ (Meeting CNSC or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION

ASME B31.3 2020

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

REGO

TYPE OF CONSTRUCTION

FORGED ☐ WELDED ☐ WROUGHT ☐
 CAST ☐ OTHER ☐
 DESCRIBE OTHER:

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

See Scope 17770s-1

See scope document 17770s-1

Scope: Tees: 1227-1, -3, -28, -9, HP1227-1, 1042, HP1227-3, 4608-5, HP1227-28, 2118-2, HP1227-9, 2223-2, HP1227-5; Elbows: 1228-1, -2, -4, HP1228-1, 1043, HP1228-2, 2223-2, HP1228-4; Crosses: 1225-1, -3, HP1225-1, 1045, HP1225-3, 2222-2, HP1225-4, 2222-4; Caps: CAP500, -75, -1000, -1500, -2000; pipes: TNE1050-XXX & TNE1075-XXX. 3750psi, 4500psi & 6000psi MAWP.
 CRN expires Nov.16th, 2032 (D.Gallan)

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 this 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:

Declared before me at

This 1st day of

Commissioner of Oaths

or Notary Public: (sign)

Notary Public Expires: 09/17/2024

USE THIS



This space for Regulatory Authority use
 This registration must be revalidated after ten (10) years from the date of acceptance.

CRN: 0A22754.2

FD#: 1704

PROVINCE OF PRINCE EDWARD ISLAND
 COMMUNITIES, LAND & ENVIRONMENT

C.R.N.

DATE:

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.

INSPECTION SERVICES SECTION
 BOILER/PRESSURE VESSEL BRANCH


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. 8899, Chuanzha Road, Pudong New Area, Shanghai, P.R. China	
PLANT LOCATIONS: 34th Building, No. 8899, Chuanzha Road, Pudong New Area, Shanghai, P.R. China	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY <input checked="" 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 2020	
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:	
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: See Scope 17770s-1 See scope document 17770s-1 Scope: Tees: 1227-1, -3, -28, -9, HP1227-1, 1042, HP1227-3, 4808-5, HP1227-28, 2118-2, HP1227-8, 2223-2, HP1227-5; Elbows: 1228-1, -2, -4, HP1228-1, 1043, HP1228-2, 2223-2, HP1228-4; Crosses: 1225-1, -3, HP1225-1, 1045, HP1225-3, 2222-2, HP1225-4, 2222-4; Caps: CAP500, -78, -1000, -1500, -2000; pipes: TNE1050-XXX & TNE1075-XXX 3750psi, 4500psi & 8000psi MAWP. CRN expires Nov.16th, 2032 (DGallant)	

DECLARATION:

I, Zac Ruben (see note 1) 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 CQC 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 Declarant: Zac Ruben

Declared before me at St. John's, Atlantic Co.

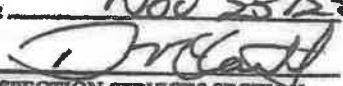
This 1st day of September AD 2020

Commissioner of Oaths
or Notary Public: (sign) Wendy Marie Withers

Wendy Marie Withers
Commission Expires: 08/17/2024

USE



This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>0A22754.2</u>	ACCEPTED PROVINCE OF PRINCE EDWARD ISLAND COMMUNITIES, LAND & ENVIRONMENT
FID#: <u>1704</u>	C.R.N. <u>0A22754.29</u> DATE: <u>NOV 25/22</u>  INSPECTION SERVICES SECTION BOILER/PRESSURE VESSEL BRANCH <small>Page 1 of 1 - Rev. 1.06/2003</small>
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
NL/NAVUT

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 type="radio"/> C Valves: all the 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 2020
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:	
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:	
See Scope 17770s-1 See scope document 17770s-1 Scope: Tees: 1227-1, -3, -28, -9, HP1227-1, 1042, HP1227-3, 4608-5, HP1227-28, 2118-2, HP1227-9, 2223-2, HP1227-5; Elbows: 1228-1, -2, -4, HP1228-1, 1043, HP1228-2, 2223-2, HP1228-4; Crosses: 1225-1, -3, HP1225-1, 1045, HP1225-3, 2222-2, HP1225-4, 2222-4; Caps: CAP500, -75, -1000, -1500, -2000; pipes: TNE1050-XXX & TNE1075-XXX, 3750psi, 4500psi & 6000psi MAWP. CRN expires Nov.16th, 2032 (DGallant)	

DECLARATION:

I, Zac Ruben (name 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 COC 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.

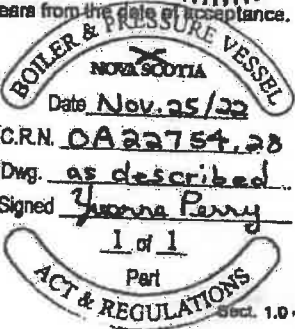
Signature of Declarer: Zac Ruben

Declared before me at Burlington, Alameda Co

This 1st day of September, AD 2023

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



This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>0A22754.2</u>	 <p>NOVA SCOTIA Date <u>Nov. 25/22</u> CRN <u>0A22754.28</u> Dwg. <u>as described</u> Signed <u>Yvonne Perry</u> <u>1 of 1</u> Part ACT & REGULATIONS Sec. 1.0 - Fittings Rev. 1 06/2003</p>
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: Engineered Controls International, LLC

MANUFACTURERS ADDRESS: 100 Rego Drive, Elon, NC, 27244, USA

PLANT LOCATION: 100 Rego Drive, Elon, NC, 27244, USA

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 2020

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

REGO

TYPE OF CONSTRUCTION

FORGED ☐ WELDED ☐ WROUGHT ☐
CAST ☐ OTHER ☐
DESCRIBE OTHER:

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

See Scope 17770s-1

See scope document 17770s-1

Scope: Tees: 1227-1, -3, -28, -9, HP1227-1, 1042, HP1227-3, 4608-5, HP1227-28, 2116-2, HP1227-9, 2223-2, HP1227-5; Elbows: 1228-1, -2, -4, HP1228-1, 1043, HP1228-2, 2223-2, HP1228-4; Crosses: 1225-1, -3, HP1225-1, 1045, HP1225-3, 2222-2, HP1225-4, 2222-4; Caps: CAP500, -75, -1000, -1500, -2000; pipes: TNE1050-XXX & TNE1075-XXX. 3750psi, 4500psi & 8000psi MAWP.
CRN expires Nov.18th, 2032 (D'Gallant)

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: Zac Ruben

Declared before me at Burlington, Alamance Co

This 1st day of September AD 2022

Commissioner of Oaths
or Notary Public: (sign) W. Cheryl Chano

My Commission Expires: 08/17/2024

USE THIS SPACE



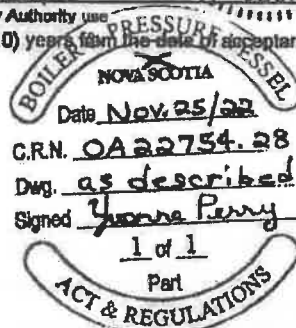
This registration must be revalidated after ten (10) years from the date of acceptance.

CRN: 0A22754.2

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.



Set. 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

- ☒ 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 2020

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

REGO

TYPE OF CONSTRUCTION

FORGED ☐ WELDED ☐ WROUGHT ☐
 CAST ☐ OTHER ☐
 DESCRIBE OTHER:

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

See Scope 17770s-1

See scope document 17770s-1

Scope: Tees: 1227-1, -3, -28, -9, HP1227-1, 1042, HP1227-3, 4608-5, HP1227-28, 2118-2, HP1227-9, 2223-2, HP1227-5; Elbows: 1228-1, -2, -4, HP1228-1, 1043, HP1228-2, 2223-2, HP1228-4; Crosses: 1225-1, -3, HP1225-1, 1045, HP1225-3, 2222-2, HP1225-4, 2222-4; Caps: CAP500, -75-, -1000, -1500, -2000; pipes: TNE1050-XXX & TNE1075-XXX. 3750psi, 4500psi & 6000psi MAWP.
 CRN expires Nov.16th, 2032 (DGallant)

DECLARATION:

I, Zac Rubecor (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 CQC 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 Rubecor

Declared before me at Burlington, Alameda Co

This 1st day of September, AD 2020

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

This space for Regulatory Authority use

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

CRN: 0A22754.2

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.

USE THIS NOTARY PUBLIC SEAL FOR NEW BRUNSWICK

WENDY MARIE WITHERS
 Notary Public
 New Brunswick
 My Commission Expires: 08/17/2024

DEPT OF JUSTICE PUBLIC SAFETY
 BOILER & PRESSURE VESSEL ACT

REGISTRATION ONLY
 CRN 0A22754.27

[Signature]
 CHIEF BOILER INSPECTOR

DATE 11/25/22

☐ BLRS ☒ BV
 Sec 60 - Fittings Rev. 1 06/2003

☐ FITTINGS ☐ NUCLEAR COMPONENTS

NEWFOUNDLAND AND LABRADOR

USE THIS SPACE FOR
NOTES
New Brunswick
DEPT. OF JUSTICE - PUBLIC SAFETY
BOILER & PRESSURE VESSEL ACT
REGISTRATION ONLY
CRN 0A22754.27
Ron Adams
CHIEF BOILER INSPECTOR
DATE 11/25/22
☐ BLRs ☐ PVs
☒ FITTINGS ☐ NUCLEAR COMPONENTS
Sect. 1.0 - Fittings Rev. 1 06/2003

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	
<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 the 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 CNCS or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION ASME B31.3 2020
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:
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:	
See Scope 17770s-1 See scope document 17770s-1 Scope: Tees: 1227-1, -3, -28, -8, HP1227-1, 1042, HP1227-3, 4608-6, HP1227-28, 2118-2, HP1227-9, 2223-2, HP1227-6; Elbows: 1228-1, -2, -4, HP1228-1, 1043, HP1228-2, 2223-2, HP1228-4; Crosses: 1225-1, -3, HP1225-1, 1045, HP1225-3, 2222-2, HP1225-4, 2222-4; Caps: CAP500, -75, -1000, -1500, -2000; pipes: TNE1050-XXX & TNE1075-XXX. 3750psi, 4500psi & 6000psi MAWP. CRN expires Nov.16th, 2032 (D.Gallant)	

DECLARATION:

I, Zac Rubner (true name is) 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 CQC 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 St. John's, Newfoundland
 This 1st day of September, AD 2022
 Commissioner of Oaths
 or Notary Public: (sign) [Signature]

USE



This space for Regulatory Authority use	
This registration must be revalidated after ten (10) years of the date of acceptance.	
CRN: <u>0A22754.2</u> FID#: <u>1704</u>	Registered <u>0A22754.20</u> Date <u>November 28, 2022</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 REGULATION 1.0 - Fittings Rev. 1 05/2003

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, USA	
PLANT LOCATIONS: 100 Rego Drive, Elon, NC, 27244, USA	
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 2020
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:	
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:	
See Scope 17770s-1 See scope document 17770s-1 Scope: Tees: 1227-1, -3, -28, -8, HP1227-1, 1042, HP1227-3, 4608-5, HP1227-28, 2118-2, HP1227-9, 2223-2, HP1227-5; Elbows: 1228-1, -2, -4, HP1228-1, 1043, HP1228-2, 2223-2, HP1228-4; Crosses: 1225-1, -3, HP1225-1, 1045, HP1225-3, 2222-2, HP1225-4, 2222-4; Caps: CAP300, -75, -1000, -1500, -2000; pipes: TNE1050-XXX & TNE1075-XXX, 3750psi, 4500psi & 6000psi MAWP. CRN expires Nov.16th, 2032 (OGallant)	

DECLARATION:

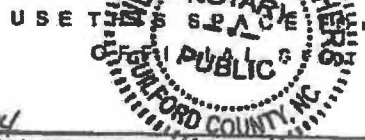
I, Zac Rubner (see note 3) employed by Engineered Controls International and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for 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 QCS 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 Rubner

Declared before me at Durham, Alamance Co

This 1st day of September AD 2022

Commissioner of Oaths or Notary Public (sign) Wendy Spence



This space for Regulatory Authority use	
This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>0A22754.2</u>	Registered <u>0A22754.20</u>
FID#: <u>1704</u>	Date <u>November 28, 2022</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.	
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	

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, Chuansha Road, Pudong New Area, Shanghai, P.R. China

PLANT LOCATIONS: 34th Building, No. 6989, 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 2020

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

REGO

TYPE OF CONSTRUCTION

FORGED ☐ WELDED ☐ WROUGHT ☐
 CAST ☐ OTHER ☐
 DESCRIBE OTHER:

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

See Scope 17770s-1

See scope document 17770s-1

Scope: Tees: 1227-1, -3, -28, -9, HP1227-1, 1042, HP1227-3, 4608-5, HP1227-28, 2118-2, HP1227-8, 2223-2, HP1227-5; Elbows: 1228-1, -2, -4, HP1228-1, 1043, HP1228-2, 2223-2, HP1228-4; Crosses: 1225-1, -3, HP1225-1, 1045, HP1225-3, 2222-2, HP1225-4, 2222-4; Caps: CAP500, -76, -1000, -1500, -2000; pipes: TNE1050-XXX & TNE1075-XXX. 3750psi, 4500psi & 6000psi MAWP. GRN expires Nov.16th, 2032 (DGallant)

DECLARATION:

I, Zac Rubear (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 CQC 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 Rubear

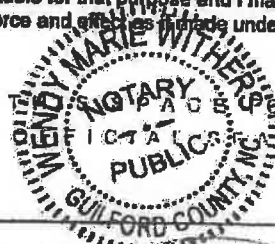
Declared before me at Burlington, Alamance Co

This 1st day of September, AD 2024

Commissioner of Oaths

or Notary Public: (sign) Wendy Marie Withers

USE



This space for Regulatory Authority use

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

CRN: 0A22754.2

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, USA	
PLANT LOCATIONS: 100 Rego Drive, Elon, NC, 27244, USA	
<p>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</p> <p><input checked="" 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 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"/> N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)</p>	<p>TITLE OF THE STANDARD OF CONSTRUCTION</p> <p>ASME B31.3 2020</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 type="checkbox"/></p> <p>DESCRIBE OTHER:</p>
<p>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p> <p>See Scope 17770s-1</p> <p>See scope document 17770s-1</p> <p>Scope: Tees: 1227-1, -3, -28, -9, HP1227-1, 1042, HP1227-3, 4608-5, HP1227-28, 2118-2, HP1227-9, 2223-2, HP1227-5; Elbows: 1228-1, -2, -4, HP1228-1, 1043, HP1228-2, 2223-2, HP1228-4; Crosses: 1225-1, -3, HP1225-1, 1045, HP1225-3, 2222-2, HP1225-4; Caps: CAP500, -75, -1000, -1500, -2000; pipes: TNE1050-XXX & TNE1075-XXX. 3750psi, 4500psi & 6000psi MAWP. CRN expires Nov.18th, 2032 (DGallant)</p>	

DECLARATION:

I, Zac Rubear (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.

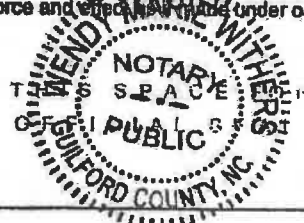
Signature of Declarer: Zac Rubear

Declared before me at Burlington, Alamance Co

This 1st day of September AD 2022

Commissioner of Oaths
or Notary Public: (sign) Wendy Wither

USE THIS SPACE



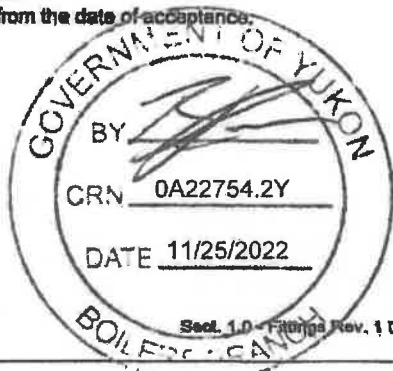
CRN: 0A22754.2

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.

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



Sect. 1.0 - Fittings 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. 8898, Chuansha Road, Pudong New Area, Shanghai, P.R. China	
PLANT LOCATIONS: 34th Building, No. 8898, 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 2020
SHOW MANUFACTURER'S 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:
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: See Scope 17770s-1 See scope document 17770s-1 Scope: Tees: 1227-1, -3, -28, -9, HP1227-1, 1042, HP1227-3, 4806-6, HP1227-28, 2118-2, HP1227-6, 2223-2, HP1227-6; Elbows: 1228-1, -2, -4, HP1228-1, 1043, HP1228-2, 2223-2, HP1228-4; Crosses: 1225-1, -3, HP1225-1, 1045, HP1225-3, 2222-2, HP1225-4, 2222-4; Caps: CAP500, -75, -1000, -1500, -2000; pipes: TNE1050-XXX & TNE1075-XXX, 3750psi, 4500psi & 5000psi MAWP. CRN expires Nov.18th, 2032 (D.Gallant)	

DECLARATION:

I, Zao Ruben (from article 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 CDC 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.

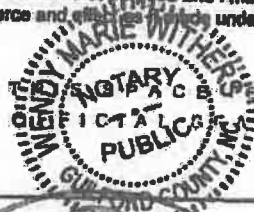
Signature of Declarer: Zao Ruben


Declared before me at St. John's, Atlantic Co.

This 1st day of September, AD 2009

Commissioner of Oaths
or Notary Public: (sign) Doreen Marie Withers

USE



This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>0A22754.2</u>	16300  REGISTERED UNDER THE AUTHORITY OF THE BOILER AND PRESSURE VESSEL ACT. C.R.N. <u>0A22754.21</u> SIGNED <u>[Signature]</u> DATE <u>Nov 28 2012</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

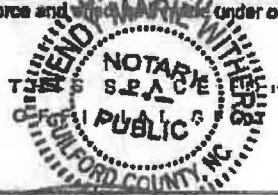
MANUFACTURERS NAME: Engineered Controls International, LLC	
MANUFACTURERS ADDRESS: 100 Rego Drive, Elon, NC, 27244, USA	
PLANT LOCATIONS: 100 Rego Drive, Elon, NC, 27244, USA	
<p>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</p> <p><input type="radio"/> A Pipe fittings, including couplings, 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 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 CNSC or ASME requirements)</p>	<p>TITLE OF THE STANDARD OF CONSTRUCTION</p> <p>ASME B31.3 2020</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 type="checkbox"/></p> <p>DESCRIBE OTHER:</p>
<p>LIMIT OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p> <p>See Scope 17770s-1</p> <p>See scope document 17770s-1</p> <p>Scope: Tees: 1227-1, -3, -28, -8, HP1227-1, 1042, HP1227-3, 4808-5, HP1227-28, 2118-2, HP1227-8, 2223-2, HP1227-5; Elbows: 1228-1, -2, -4, HP1228-1, 1043, HP1228-2, 2223-2, HP1228-4; Crosses: 1225-1, -3, HP1225-1, 1046, HP1225-3, 2222-2, HP1225-4, 2222-4; Caps: CAP500, -75, -1000, -1500, -2000; pipes: TNE1050-XXX & TNE1075-XXX. 3750psi, 4500psi & 6000psi MAWP. CRN expires Nov.18th, 2032 (D.Gallant)</p>	

DECLARATION:

I, Zac Ruben (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 DDS as being suitable for the 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 Burlington, Alamogordo, CA
 This 1st day of September AD 2022
 Commissioner of Oaths or Notary Public: (sign) [Signature]
 My Commission Expires: 01/17/2024

USE THIS SPACE



<p align="center">This space for Regulatory Authority use</p> <p align="center">This registration must be revalidated after ten (10) years from the date of acceptance.</p>	
<p>CRN: <u>0A22754.2</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 submitted for validation at a maximum interval of five (5) years. 	<p align="center">Northwest Territories</p> <p align="center">REGISTERED UNDER THE AUTHORITY OF THE BOILER AND PRESSURE VESSEL ACT.</p> <p align="center">C.R.N. <u>0A22754.2</u></p> <p align="center">SIGNED <u>[Signature]</u></p> <p align="center">DATE <u>Nov 28 2022</u></p> <p align="right">Form 1.0 - Revised 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: 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 checked="" 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 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 flexible 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"/> M Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)</p>	<p>TITLE OF THE STANDARD OF CONSTRUCTION</p> <p>ASME B31.3 2020</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 type="checkbox"/></p> <p>DESCRIBE OTHER: _____</p>	
<p>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p> <p>See Scope 17770s-1</p> <p>See scope document 17770s-1</p> <p>Scope: Tees: 1227-1, -3, -28, -9. HP1227-1, 1042, HP1227-3, 4608-5, HP1227-28, 2118-2, HP1227-9, 2223-2, HP1227-5; Elbows: 1228-1, -2, -4, HP1228-1, 1043, HP1228-2, 2223-2, HP1228-4; Crosses: 1225-1, -3, HP1225-1, 1045, HP1225-3, 2222-2, HP1225-4, 2222-4; Caps: CAP500, -75, -1000, -1500, -2000; pipes: TNE1050-XXX & TNE1075-XXX. 3750psi, 4500psi & 6000psi MAWP. CRN expires Nov.16th, 2032 (DGallant)</p>	

DECLARATION:

I, Zac Ruben (being sole & 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 CQC 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 Sturtevant, Florence Co

This 1st day of September, AD 2022

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

USE



<p>This registration must be revalidated after ten (10) years from the date of acceptance.</p> <p>CRN: <u>0A22754.2</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 align="center">REGISTRED</p> <p>CRN <u>0A22754.2 N</u></p> <p>Date <u>2022 - Nov - 25</u></p> <p>Signed <u>[Signature]</u></p> <p>Chief Inspector <u>[Signature]</u></p> <p align="center">Territorial Registration Fee</p>
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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, USA	
PLANT LOCATIONS: 100 Rego Drive, Elon, NC, 27244, USA	
<p>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</p> <p><input checked="" 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 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 CNSC or ASME requirements)</p>	<p>TITLE OF THE STANDARD OF CONSTRUCTION</p> <p>ASME B31.3 2020</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 type="checkbox"/></p> <p>DESIGNER OTHER:</p>
<p>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p> <p>See Scope 17770s-1</p> <p>See scope document 17770s-1</p> <p>Scope: Tees: 1227-1, -3, -28, -9, HP1227-1, 1042, HP1227-3, 4608-5, HP1227-28, 2118-2, HP1227-9, 2223-2, HP1227-6; Elbows: 1228-1, -2, -4, HP1228-1, 1043, HP1228-2, 2223-2, HP1228-4; Crosses: 1225-1, -3, HP1225-1, 1045, HP1225-3, 2222-2, HP1225-4, 2222-4; Caps: CAP500, -75, -1000, -1500, -2000; pipes: TNE1050-XXX & TNE1075-XXX. 3750psi, 4500psi & 6000psi MAWP. CRN expires Nov.18th, 2032 (DGallant)</p>	

DECLARATION:

I, Zac Ruber (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 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 Ruber

Declared before me at Rockington, Alamance Co

This 1st day of September AD 2022

Commissioner of Oaths
or Notary Public: (sign) W. Cheryl Clark

USE TO



CRN: 0A22754.2

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 minimum interval of five (5) years.

REGISTERED

CRN 0A22754.2 N

Date 2022 - Nov - 25

Signed [Signature]

Chief Inspector

Page 1.5 - Fittings Rev. 1 06/2003

Territorial Registration Fee



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

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

REGO

STATUTORY DECLARATION Registration of Fittings

I, Zac Rubeor

Design Engineer

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

of Engineered Controls International, LLC

(Name of Manufacturer)

100 Rego Drive, Elon, NC, 27244, USA

Located at

(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 2020 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 A type fittings. In support of this application, the following information and/or test data are attached as follows:

See scope document 17770s-1

(drawings, calculations, test reports, etc.)

Declared before me at Burlington in the Alamance County of North Carolina

the 1st day of September AD 2023

Commissioner for Oaths:

Wendy Marie Withers
(Print name)

Wendy Marie Withers
(Signature)

My Commission Expires: 08/12/2024



(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 A

CRN: 0A22754.25

Registered by: Charley Dong

Dated: Feb. 21, 2023

NOTE: This registration expires on: November 16, 2032

Technical
Standards
and Safety
Authority

Boilers and
Pressure Vessels
Safety Program

REGISTERED

C.R.N.: 0A22754.25

Signed: Charley Dong

Date: February 21, 2023.

REGISTRATION OF A PRESSURE FITTING DESIGN

14-Dec-22

Pressure Vessel Engineering Ltd.
1440 King Street N, Unit 1
St. Jacobs, ON
NOB 2N0**Attention: Nicole Kilgore****File Number: 13396 [0 F]****Re: Manufacturer: Engineered Controls International, LLC**
Item: Pipe Fittings
Catalog or Drawing: Scope Document PVE-17770s-1 R0

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:

0A22754.23**Expiry Date: November 16, 2032**

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,

Liting (Frank) Huang, P.Eng.
Codes and Standards Compliance**Remarks:**

A valid quality control program must be maintained at the production facility for the fitting registration to remain valid until the expiry date.

Conditional upon compliance with the notes on the original ABSA registration.

See Scope of Registration for list of manufacturing locations.



Technical Safety Authority of Saskatchewan

2202 2nd Ave.
Regina, SK S4R 1K3
PH: (306)798-7112 Toll Free: (866)530-8599
FAX: (306)787-9273 Toll Free: (866)760-9255
Email: boilerpermits@tsask.ca
Website: www.tsask.ca

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, USA

(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 2020 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 17770s-1

In support of this application, the following information, calculations and / or test data are attached:
See scope document 17770s-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 Burlington In the Alamance County of North Carolina
this 1st day of September, 2022

Wendy Marie Withers
(print name)

July R L
(signature)

Wendy Marie Withers
(Signature of Commissioner of Oaths)

My Commission Expires: 08/17/2024



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 _____

(Registration Number)



(Date Registered – MM DD YYYY)

(For the Administrator / Chief Inspector)

(Expiry Date – MM DD YYYY)

Registration No. 0A22754.23

File No. 13396

Registered

Date: December 14, 2022

Expiry Date: November 16, 2032

Codes & Standards Compliance Office

TSK-1008
Rev. 10/2012
Page 1 of 1

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: Shanghai Rego Flow Technology Co., Ltd.

(name of manufacturer)

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



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

(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 2020 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, CQC 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 17770s-1

In support of this application, the following information, calculations and / or test data are attached:
See scope document 17770s-1

II. Declaration

DECLARED before me at Burlington In the Alamance County of North Carolina
this 1st day of September, 2022

Wendy Marie Withers
(print name)

Zac Rubeor
(Signature)

Wendy Marie Withers
(Signature of Commissioner of Oaths)

My Commission Expires 08/17/2024



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 _____

(Registration Number) _____
**Technical
Safety Authority
of Saskatchewan**

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

(Expiry Date – MM DD YYYY)

Registration No. 0A22754.23

File No. 13398

Registered

Date: December 14, 2022

Expiry Date: November 16, 2032

Codes & Standards Compliance Office



Scope Document: PVE-17770s-1 R0

Design Conditions:

Design Code:	ASME B31.3 2020
MAWP:	3750 PSI, 4500 PSI, and 6000 PSI
Maximum Temperature:	165°F
Corrosion Allowance:	0 in
Hydrotest Pressure:	5625 PSI, 6750 PSI, and 9000 PSI
MDMT:	-40°F
Impact Testing:	None
Impact Testing Exemption:	323.2.2
Radiography:	N/A



Drawings Enclosed:

Tees:

1227-1: 3750 PSI
1227-3: 3750 PSI
1227-28: 3750 PSI
1227-9: 3750 PSI
HP1227-1: 4500 PSI
1042: 4500 PSI
HP1227-3: 4500 PSI
4608-5: 4500 PSI
HP1227-28: 4500 PSI
2118-2: 4500 PSI
HP1227-9: 4500 PSI
2223-2: 4500 PSI
HP1227-5: 4500 PSI

Elbows:

1228-1: 3750 PSI
1228-2: 3750 PSI
1228-4: 3750 PSI
HP1228-1: 4500 PSI
1043: 4500 PSI
HP1228-2: 4500 PSI
2223-2: 4500 PSI
HP1228-4: 6000 PSI

Crosses:

1225-1: 3750 PSI
1225-3: 3750 PSI
HP1225-1: 4500 PSI
1045: 4500 PSI
HP1225-3: 4500 PSI
2222-2: 4500 PSI
HP1225-4: 4500 PSI
2222-4: 4500 PSI

Caps:

CAP500: 600 psi
CAP750: 600 psi
CAP1000: 600 psi
CAP1500: 600 psi
CAP2000: 600 psi

Pipe:

TNE1050-XXX: 3600 psi
TNE1075-XXX: 3600 psi

Materials:

Tees, Elbow, Crosses:	B283 UNS C37700
Pipes:	B135 UNS C33000
Caps:	B16 UNS C36000

Calculations Enclosed:

17770c-1 R0	Code Calculations
17770f-1 R0	FEA Calculations



QC Certificates:

Engineered Controls International, LLC

ISO 9001:2015, Authorized by DQS

100 Rego Drive, Elon NC, 27244

Expiring: 2024-07-19

Shanghai Rego Flow Technology Co., Ltd.

ISO 9001:2015, Authorized by CQC

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

2024-11-05

