

Suite 600 - 2889 E 12th Ave Vancouver, BC V5M 4T5

Toll Free: 1-866-566-7233 www.technicalsafetybc.ca

PRESSURE VESSEL ENGINEERING PO BOX 112 ST. JACOBS ON NOB 2NO 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:

(PROD) 30400-20 GST #: 87391 2802 RT0001

9410 - 20 Ave N.W.

Edmonton, Alberta, Canada T6N 0A4

Tel: (780) 437-9100 / Fax: (780) 437-7787

November 16, 2022

Attention: Nicole Kilgore

PRESSURE VESSEL ENGINEERING INC

**PO BOX 112** 

1440 KING STREET NORTH UNIT# 1

ST JACOBS, ON NOB 2NO

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.

2022-05672 Continued on the next page...



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

2022-05672 Page 2 of 2



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 <a href="mailto:qasupport@gov.mb.ca">qasupport@gov.mb.ca</a>. 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 <a href="mailto:qasupport@gov.mb.ca">qasupport@gov.mb.ca</a> 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 NOB 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

www.rbq.gouv.qc.ca

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MANUFACTURERS NAME	Engineered Controls Internation						
MANUFACTURERS ADDR	MANUFACTURERS ADDRESS: 100 Rego Drive, Elon, NC 27244 USA						
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Scope: Tees: 1227-1, -3, -28, -9, HP1227-1, 1042, HP1227-3, 4808-5, HP1227-28, 2118-2, HP1227-8, 2223-2, HP1227-6, 2223-2, HP1228-4, Crosses: 1228-1, 1045, HP1228-3, 2222-2, HP1228-4, Crosses: 1228-1, 1045, HP1228-3, 2222-2, HP1228-4, Crosses: 1228-1, 1045, HP1228-3, 2222-2, HP1228-4, 2222-4; Caps: CAP500, -78, -1000, -1500, -2000; pipes: TNE1050-XOX 8-TNE1075-XOX 3750pal, 4500psl & 8000psl MAWP.  CRN expires Nov.16th, 2032 (DGallant)  DECLARATION:  Zea Rubeer  Less retained by the end product do sotemate descriptions and being the person having full author responsibility for the quelity of the end product do sotemate with the information contained in this form is true, and to the large reading, and identification mentions are large, and instance of these fittings is regulated by a Cruelity Control Program which extends to each plant where fabrication conscientiously believing it to be true, and knowing that it is of the same force and still program which extends to each plant where fabrication conscientiously believing it to be true, and knowing that it is of the same force and still program which extends to each plant.  Signature of Declarate:  Declared before me at This registration must be revalidated after ten (10) years from the deate of acceptance.  CRN: USE TED SECTION MENTION MEN						
DECLARATION:  Zee Rubeor responsibility for the quality of the end product do scientify declare that the information contained in this form is true and to the I my knowledge represents the product for which registration is scught. The dimensions, materials of construction, pressure temperature ratings, and identification maintages are in accordance with the herein responsibility of these fittings is regulated by a Crustity Control Program which extends to each plant where fabrication occurs in or in part and has been verified by control Program which extends to each plant where fabrication occurs in or in part and has been verified by control Program which extends to each plant where fabrication occurs in or in part and has been verified by control Program which extends to each plant where fabrication occurs in or in part and has been verified by control Program which extends to each plant where fabrication occurs in or in part and has been verified by control Program which extends to each plant where fabrication occurs in or in part and has been verified by control Program which extends to each plant where fabrication occurs in or in part and has been verified by control Program which extends to each plant where fabrication occurs in or in part and has been verified by control Program which extends to each plant where fabrication occurs in or in part and has been verified by control Program which extends to each plant where fabrication occurs in or in part and has been verified by control Program which extends to each plant where fabrication occurs in or in part and has been verified by control Program which extends to each plant where fabrication occurs in or in part and has been verified by control Program which extends to each plant the fabrication occurs in or in part and has been verified by control Program which extends to each plant the fabrication occurs in the fabrication of the part which extends to each plant the part which extends to each plant the part which extends to each plant the part which ex						
Tag Rubert  Teaponsibility for the quality of the end product do solemnthy declare that the information contained in this form is true and to the I my knowledge represents the product for which registration is sought. The dimensions, metalicists of construction, pressure temperature ratings, and identification my knowledge represents the product for which registration is sought. The dimensions, metalicists of construction, pressure temperature ratings, and identification my knowledge represents the product for which registration is sought. The dimensions, metalicists of construction, pressure temperature ratings, and identification in accordance with the hearth ratined standards. I further declare that the manufacture of these liftings is regulated by a Guality Control Program which extends to each plant where fabrication occurs in vortice part and has been verified by code declaration conscientificusty believing it to be true, and knowing that it is of the same force and with a purpose and I make this soled declaration conscientificusty believing it to be true, and knowing that it is of the same force and with a purpose and I make this soled declaration conscientificusty believing it to be true, and knowing that it is of the same force and with a purpose and I make this soled declaration conscientificusty believing it to be true.  Signature of Declaration  This space for Regulatory Authority use  This registration must be revalidated after ten (10) years from the date of acceptance.  CRN:  OA22754.2  ACCEPTED  PROVINCE OF PRINCE ROWARD ISLAND COMMUNITIES, LAND & ENVIRONMENT  Notes:  1. All fittings shall be registered in the manufacturer.	-2, -4, HP1228-1, 1043, HF -2, -4, HP1228-1, 1043, HF Caps: CAP500, -75-, -100 CRN expires Nov.16th, 203	28, 49, FIF1227-1, 1042, FIF12 11228-2, 2223-2, HP1228-4; C D, -1500, -2000; pipes: TNE10 12 (DGallant)	7058es; 1226-1, 3, HP1225-1, 1045, HP1 1604XXX & TNE1075-XXX, 3750psi, 4500;	225-3, 2222-2, HP1225-4, 2222-4; osi & 8000psi MAVVP.		
CRN: 0A22754.2  FIDS: 1704  Notes:  1. All fittings shall be registered in the name of the Manufacturer.	responsibility for the queling knowledge represents temperature ratings, and insurance of these third or in part and has been we declaration conscientions.  Signature of Declaration Declared before me at This day of Commissioner of Calles or Notary Publics (sign)	the product to which regist dehification registed by a Graffy and believing it to be true, and the product to the the pro	entity declare that the information contration is sought. The dimensions, must a accordance with the herein numed stry Control Program which extends to each being suitable is being suitable in the same force and the same f	sined in this form is true and to the best of construction, pressure suderies. I further declare that the first purpose and I make this solemn is after a suppose and I make this solemn is after as invited under eath.		
FIDS: 1704  PROVINCE OF FRINCE EDWARD ISLAND COMMUNITIES, LAND & ENVIRONMENT  Notes: 1. All fittings shall be registered in the name of the Manufacturer.	1	his registration must be rev	alidated after ten (10) years from the dr	ate of acceptance.		
FIDS: 1704  PROVINCE OF FRINCE EDWARD ISLAND COMMUNITIES, LAND & ENVIRONMENT  Notes: 1. All fittings shall be registered in the marrier of the Manufacturer.	CRN: 0A22754.2		AC	CEPTED		
Notes:  1. All fittings shall be registered in the name of the Manufacturer.	3704					
Notes: 1. All fittings shall be registered in the name of the Manufacturer.	FID# 110-4					
I was a first the second of th			CRN OA	>>>5×.29		
2: corn-construct and the construction of the	2. Each category shall be	area in the name of the wishlift apported with two Statutory Da	edarationi DATE:	NOU 25/22		
forms and one-copy of supporting documentation.	forms and one copy of supp	orting documentation.		7-11		
3. The declaration shall be inside by the person having full authority and responsibility for the quality of the end product.			withouth eliq :	Made		
4 Curality control resources whall be resulted for validation INCOR. TOW CONTROL OF CONTROL	4. Quality control programs	shall be resubmitted for valida		SERVICES SECTION URE VESSEL 10 (1) 100 Rev. 1 06/2003		

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME: SI	uanghai Rego Flow Technology	Go., 11d.	
MANUFACTURERS ADDRESS	S: 34th Building, No. 6999, Chu	ansha Road, Pudono New Area Shanahal	D.D. Ohian
PLANT LOCATIONS, 34th Bull	kling, No. 6999. Chuansha Rose	Pridona New Assa Chambel Air out	a:
GATGGOWT DI- FIT	IMGS TO BE REGISTERED. (	CIRCLE ONE CATEGORY DAILY	TITLE OF THE SYANDARD OF CONSTRUCTION
	ngs, tees, elbows, Ys, plugs, un	ione, pipe caps, or reducers	
C Valvas: all line valvas			ASME 831.3 2020
/ C CHMINIS, MINIS, SANATANA	medions, and hose assembles and steam traps		
F Measuring devices, including pressure transmitters	pressure gauges, level gauges	sight glascos, levels, or	
G Certified capacity-rated press	Simp relief devices assessed to	s primary over presents protection on	1
H Pressure retaining componer  N Nuclear components: Class	THE Class 3 Cl. Cl.	above categories feeting CNSC or ASME requirements)	
SHOW MANUFACTURERS NAM	ME TRADEWARK OF LOCO.	AS IT WILL APPEAR ON THE PRODUCT	1
	, Court of Logo.	S II WILL APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION
Ä	7747		FORGED WELDED WROUGHT CO CAST OTHER CO DESCRIBE OTHER:
LIST OF SUPPORTING DOCUM	MENTATION AND IDENTIFICA	TION OF THE ACTUAL ITEMS TO BE RE	GISTEREO:
See Scope 17770s-1			
Scope: Tees: 1227-1, -3, -28, -9 -2; -4, HP1228-1, 1043, HP1228 Caps: CAP500, -75-, -1000, -18 CRN expires Nov.16th, 2032 (D	3-2, 2223-2, HP1228-4; Crosse 500, -2000: pines: TNE1050-X)	4608-5, HP1227-28, 2118-2, HP1227-9, s: 1225-1, -3, HP1225-1, 1045, HP1225- IX & TNE1075-XXX, 3750psl, 4500psl &	2223-2, HP1227-5; Elbows: 1228-1, 3, 2222-2, HP1225-4, 2222-4; 6000psi MAWP.
DECLARATION:	(5)		
Zec Rubeor	two mas a employed by	Shanahel Redo Flow Technology and bein	to the person having full authority and
my knowledge represents the	markers for which project the	Gentale niet me information contained	in this form is true and to the best of
temperature ratings, and Identi	fication markings are in acc	r is sought. The dimensions, materials ydance with the herein named standar	of construction, pressure
or in part and has been werified	the coo	to Leafigue Autou extends to each bis	nt whose fabrication occurs to whole
declaration conscientiously bel	leving it to be true, and know	as being suitable for the same force and all	pulpose and I make this solemn
16	1 100	A STATE OF THE PROPERTY OF THE PARTY OF THE	es fidiade under oath.
Signature of Declarer: Declared before me at	War of the	The state of the s	700
	Tington, Marran	USE TO SU	OTA C & UP O O . I L
11	member AD DOS	OLIF I	COT A LOS FENEI
Commissioner of Oaths or Notery Public: (sign)	pool Man 419	thin)	PUBL
	Ma Vommission De	ATORS OR 17/2000	COUNTY OF
This ex	This space	for Regulatory Authority use	Minne
03.0075 ( 0	Spangant trapt on tentions	ad after ten (10) years from the date of	acceptance.
CRN: 0A22754.2		A ER	100
FID#: 1704		ad after ten (10) years from the gale of	18
1 10m	-		
Notes:		CRN DA 227	
1. All fittings shall be registered by	n the name of the Manufacturer.	Dwg. as desc	ribed .
<ol><li>Each category shall be support forms and one copy of supporting</li></ol>	documentation		Terry
3. The declaration shall be made	by the parson having full sulling		
responsibility for the quality of the 4. Quality control programs shall	be resubmitted for validation	Pert	ONES /
at a maximum interval of five (5) 3	ėnio,	ACT & REGUL	AT Sect. 1.0 - Fillings Rev. 1 06/2003

PRINCE EDWARD ISLAND

**NEWFOUNDLAND AND LABRADOR** 

NOVA SCOTIA

NEW BRUNSWICK NUNAVUT YUKON NORTHWEST TERRITORIES 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 TITLE OF THE STANDARD OF CONSTRUCTION A Pipe fittings, including couplings, tees, allows, Ys, plugs, unions, pipe caps, or reducers 00 8 Flanges; all flanges C Valves: all line volves ASME B31.3 2020 D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, Silers, separators, and steam traps 0 F Messuring devices, including pressure gauges, level gauges, sight glasses, levels, or Dibballin impermillent G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plags 0 O H Pressure retaining components that do not fall into one of the above categories O N Nuclear components: Class 1 🗆 Class 2 🗅 Class 3 🗇, (Meeting CNSC or ASME requirements) SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT TYPE OF CONSTRUCTION FORGED | WELDED | WHOWOHT | LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: See Scope 17770s-1 See scope document 177709-1 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.18lh, 2032 (DGallant) **DECLARATION:** Zec Rubecr (see acts s) employed by <u>Engineered Controls International</u> and being the person having full authority and responsibility for the quality of the and product do splemnly deciare 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 retings, 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 oos as being suitable for that our does and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and when the conder cash. NOTAR Declared before me at Alamance. USETASS Seelemloer day of Commissioner of Oaths ORO COUNT or Notary Public: (sign) EXHER OR 17 2094 \*\*\*\*\*\*\*\* This registration must be revalidated after ten (10) years from the date of size plance.

NOVA SOUTA

Date NOVA SOUTA This space for Regulatory Authority us CRN: 0A22754.2 1704 FID#: Dug as described Notes: 1. All fiftings shall be registered in the name of the Manufacturer, Signed \_ 2. Each calegory shall be supported with two Statutory Declaration 1 of 1 forms and one copy of supporting documentation.

3. The declaration shall be made by the person having full authority and Part REGULATIONS responsibility for the quality of the and product. 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years. Sect. 1.0 - Fittings Rev. 1 06/2003

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, Pu	D. D. Web.	
PLANT LOCATIONS: 34th Building, No. 6999, Chuansha Road, Pudong New A	roo Charabal D.D. Out	, P.R. China
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CA	TEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe filtings, including couplings take allows Vs stone colors	or reducers	THE STANDARD OF CONSTRUCTION
O B Flanges: all flanges O C Valves: all line valves		
O D Expension joints, flexible propertions, and trees personalized		ASME B31.3 2020
E Strainers, filters, separators, and steem traps		1
pressure transmitters		
O G Certified capacity-mind pressure relief devices accordable as advantage	ssure protection on	
boilers, pressure vessels, piping and fusible plugs  H Pressure retaining components that do not fall into one of the above categorie		1
N Nuclear components: Class 1 🗆 Class 2 🔾 Class 3 🔾, (Meeting CNSC or.	A Print	
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APP	Monte requirements)	
APP	EAR ON THE PRODUCT	TYPE OF CONSTRUCTION
		FORGED WELDED WROUGHT CAST OTHER DESCRIPTION
		DESCRIBE OTHER
The state of the s		
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE A	CTUAL ITEMS TO BE DE	
See Scope 17770s-1	DIONE HEMS TO BE RE	GISTERED;
See scope document 17770s-1		
gae scribe docraneur 1/1/08-1		
Scope: Tees: 1227-1, -3, -28, -9, HP1227-1, 1042, HP1227-3, 4608-5, HP1227	(90 9140 0 H04997 0	2222 2 LID4227 E. Elleman 4228 4
1-2, -4, HP1228-1, 1043, HP1228-2, 2223-2, HP1228-4; Crosses: 1225-1, -3, HI	P1225-1 1045 HP1225	3 2222-2 HD1226-4 2222-4
Caps: CAP500, -75-, -1000, -1500, -2000; pipes: TNE1050-XXX & TNE1075-) CRN expires Nov.16th, 2032 (DGallant)	CXX. 3750psi, 4500psi &	6000psi MAWP.
DECLARATION:		5
Zac Rubeor fee not s) employed by Shanghal Rego Feeponsibility for the quality of the end product do solomatic declaration	low Technology and beir	ig the person having full authority and
temperature ratings, and identification markings are in accordance with the	o dimensions, materials	of construction, pressure
MILES AND THE PROPERTY OF A COUNTY COULD PROGRAM WITH	ich extends to each nie	of where februation one we track at
or in part and has been verified by coc	is being suitable for the	t purpose and I make this solemn
declaration conscientiously believing it to be true, and knowing that it is of	the same force and an	t pumose and I make this solemn
Signature of Declarer.	Alexander	14
Declared before me at Burker Co. Alamance Co.	1 - 327	GTAR CO
This lab was Salvaland	USE TO SH	GIP A P CP C
1 / / / / / / / / / / / / / / / / / / /	OUT	New Carlenvelau
Commissioner of Oaths  Or Notary Public (sign)	3.0	FURFISWACK
Mal monaston Patrice: 08/1	DEPEND DEPEND	EXUSTION RUBLIC SAFETY
This space for Requisiony A	uthority use BOILER	APPRESSIRE VESSEL ACT
This registration must be revalidated after ten (10	years from the date of	acceptance.
CRN: 0A22754.2	F	REGISTRATION ONLY
	0.774	0A22754.27
FID#:1704	CRN	07100 101,01
	1 6	2 n
Notes:	1 0	an Cus
1. All fittings shall be registered in the name of the Manufacturer	CHI	EF BOILER INSPECTOR
Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.		=11/25/22
3. The declaration shall be made by the person having full authority and	DAT	E11/0/2/02
responsibility for the quality of the end product.		
Quality control programs shall be resubmitted for validation     at a maximum interval of five (5) years.	□BLRs	T 73/6
	Librus	Sed Fittings Rev. 1 06/2003
	DETTINGS	☐ NUCLEAR COMPONENTS
	1 <del>-1</del> 101211033555	THE STATE OF THE S

NOVA SCOTIA

**NEW BRUNSWICK** 

NEW BRUNSWICK NUNAYUT	NOVA SCOTIA YUKON	PRINCE EDW NORTHWEST	ARD ISLAND TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	Engineered Controls Interna	tional, LLC		
MANUFACTURERS ADDRES				
PLANT LOCATIONS: 100 Re	go Drive, Elon, NC. 27244.	USA		
	TINGS TO BE REGISTER			TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including coup B Flanges: all flanges C Valves: all line valves			of reducers	ASME 831.3 2020
D Expansion joints, flexible of E Strainers, filters, separators	s, and steam trace	-		
F Measuring devices, includir pressure transmitters	ng pressure gauges, level gi	suges, sight glasses, le	vela, or	
G Certified capacity-rated pre bollers, pressure vessels, p	ssure railef devices accepte	able as primary over pri	essure protection on	
H Pressure retaining compon	ents that do not full into one	of the above categorie	18	
N Nuclear components: Clas	8 1 🗆 Class 2 🗆 Class 3	. (Meeting CNSC or	ASME requirements)	
SHOW MANUFACTURERS N	AME, TRADEMARK, OR L	OGO AS IT WILL APP	EAR ON THE PRODU	CT TYPE OF CONSTRUCTION
	<b>—</b> ]∃(			PORGED   WELDED   WROUGHT   CART   OTHER   DESCRIBE OTHER:
LIST OF SUPPORTING DOC	UMENTATION AND IDENT	IFICATION OF THE A	CTUAL ITEMS TO BE	REGISTERED:
See Scope 17770s-1				
See scope document 17770s-1	l <sub>+</sub>			
-2, -4, HP1228-1, 1043, HP12 Caps: CAP500, -75-, -1000, - CRN expires Nov.16th, 2032 ( DECLARATION: I Zac Rubeor responsibility for the quality of my knowledge represents the temperature ratings, and ide- manufacture of these fittings	28-2, 2223-2, HP1228-4; C 1500, -2000; pipes: TNE-10 DGallant)  (see note it) employed of the end product do sole a product for which regis ntification markings are it is regulated by a Quality	crosses: 1225-1, -3, H 150-XXX & TNE1075-2 and by Engineered Com- eminy declare that it tration is sought. The accordance with the Control Program with	P1225-1, 1045, HP12 XXX. 3750psi, 4500p  Irols International and the information contate dimensions, mate to herein named stanich extends to each	being the person having full authority and ined in this form is true and to the best of rials of construction, pressure indends. I further declare that the plant where fabrication occurs in whole
or in part and has been yern	ed by Dos		as being suitable fo	that-putricists and I make this solomn
dodalamon conscionades to	The state of the s	Knowing that it is of	the same force and	wined have under oath.
Signature of Declarer:	Jumpy K		1 34	NOTAN
Declared before me at	alington, Alamanc	e.Co	USET	S S P S E THE
This 154 day of 5 Commissioner of Oaths /	beekember 40 d		O-Fo	runswick
or Notary Public: (sign)	Composibo Ex	West ORIDIZ	OSY BOILE	STAGET UBLIC SAFETY
				177
This	registration must be rev	alidated after ten (10	)) rears from the da	REGISTRATION ONLY
CRN: 0A22754.2			CRN	0122754,27
FID#: 1704			1	78 18 1,27
I (Dir.			1 1	60
Notes:			CHI	F BOILER INSPECTOR
All fittings shall be registere     Each category shall be sup	d in the name of the Manufi	scturer.		I LO
forms and one copy of support	ing documentation.		DATE	11/25/22
<ol> <li>The declaration shall be ma responsibility for the quality of the</li> </ol>		authority and		
4. Quality control programs sh	all be resubmitted for valida	tion	BLRs	□ PVs
at a maximum interval of five (	i) years.		DEITTINGS	Sect. 1.0 - Filtings Rev. 1 06/2003
				CI NUCLEAR COMPONENTS

# UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS NEW BRIDISHMCK NOVA SCOTIA PRINCE STANDED BY AND

ili Dit	MAO!	YENCON	NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MA	MUFACTURERS NAME	Shangkal Rego Flow Yech	Pinhait Pis 112	
100	MUFACTURERS ADDR	SS: 34th Brillian No spo	O Changela Carris on the Control of	
PU				hal, P.R. China
				THE OF THE STANDARD OF CONSTRUCTION
OI C 1	Tengas; at flangue	bruds' pees' epoks' As' by	iga, unions, pipe cupa, or reducing	
OFN	Adaptaint davices, locket	connections, and hose essents, and steam traps	mbline: all types	ASME 831.3 2020
0 9 0	manure transmissions	uit brezzone Bandes' javoj B	striges, sight glasses, levels, or	
Онг	ressure relative retails,	piping and fusible plugs accept	able as primary over pressure protection on	
		prints that do not fall into one		}
SHO	W MANUFACTURERE N	ASE TRADESSAGE OF L	C. (Moeting CHSC or ASME requirements) CGO AS IT WILL APPEAR ON THE PRODUC	
		Marie Con L	OSU AS IT WILL APPEAR ON THE PRODUC	21 Design communication
		是属	50	FORGER   WELDER   WROUGHY   GAST   OTHER   UNDUGHY
LEST	OF SUPPORTING DOC	UMENTATION AND IDENT	FICATION OF THE ACTUAL ITEMS TO BE	SEZIONIANE.
506	Scope 17770s-1		de la	MASIGIEWEU:
See a	cope document 17770s-	i		
DECL I Zec F respon my kno temper manufit or in pa declara	ARATION: Rubor sublify for the quality of whedge represents the retires, and identifies of these fittings are the sublineary to the sublin	of the end product do sole product for which regist diffication meridings are in a regulated by a Quality of by COC elleving it to be true, and	are Co use Tools	sing the person having full stathority and ed in this form is true and to the best of the of construction, pressure lards, I further declarate that the fact where tables to accome
Commi or Note	saioner of Oatha ry Public: (sign)	proli Maru T	page for Regulatory Authority use	PUBLICA VIEI
	This	This property and training	space for Regulatory Authority use	11141111111111111111111111111111111111
CRN:	0A22754.2	- gradinal maist of large	Labrador	acceptance,
FIDM:	1704			
Notes: 1. All fi 2. Each	ng considera sussi sin sibbli	in the issue of the Manufest vied with two Statulory Deci 3 documentation.	eration Registered by	
a. 176	declaration shall be mad libitly for the quality of th	had the manner backen & H	UNDER THE AUTHORITY	OF THE)
4. Qua	spiritual intervies of the (2)	from temporal and the same that were	PUBLIC SAFETY ACT	AMP
		The second second		

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NEW BRUNSWICK HUNAVUT	NOVA SCOTIA YUKON	RINGE EDWARD ISLAND IORTHWEST TERRITORIES	NEWFOLINDLAND AND LABRADOR
MANUFACTURERS NAME	Engineered Controls International, LLI		
MANUFACTURERS ADDR	IEBS: 100 Rego Drive, Elon, NC, 27244	LIEA	
PLANT LOCATIONS: 100	Reco Drive, Flore MC 27944 1454		
L'ATEGORY OF	या गाँउ राज्य सहसाय है। से साम	LE ONE CATEGORY ONLY	in the an energy to a sure in tener
D A Pipe fillings, including as D B Planges: all fianges D C Valves: all fine valves	iuplings, toes, albows, Ys, plugs, unions	, pipe caps, or reducers	
O C Valves: all line valves O D Extension icinis, devisio			ASME 831.3 2020
2   Sa Sandanana, ambara sarahina	Contractions, and hour assemblies: all		- 101.3 2020
) P Manufing devices, Inclu	gjud biozenia čisrboz' jensi čiaričes' siči	d cleaner invole or	f
G Cartified canacity colors	experience collect about any many to the		
			1
If histogramman of	prients that do not fall into one of the abo	ove categories	
Richar Manu Parringen	nes 1 [] Cines 2 [] Class 3 [], (Meeti	ng CNSC or ASME requirements)	
STREET STORY PARTIES	MANIE, TRADEMARK, OR LOGO AS I	WILL APPEAR ON THE PRODU	DCT TYPE OF CONSTRUCTION
			CAST COTHER C WROLIGHT C
		73	DESCRIBE OTHER
			i
LIST OF SUPPORTING DO	CUITENTATION AND IDENTIFICATION	OF THE ACTUAL ITEMS TO BE	F BECURTERED.
See Scope 17770s-1		· · · · · · · · · · · · · · · · · · ·	BLACHESCEN, LINE CHESICA
See scope document 17770s	<b>⊢7</b>		
Ceps: CAP500, -75-, -1000 CRN expires Nov.16th, 203	15002000: pipes: TNE1050-XXX &		7-9, 2223-2, HP1227-5; Elbows: 1228-1, 226-3, 2222-2, HP1225-4, 2222-4; ul & 6000psi MAWP.
Caps: CAP500, -75., -1000 CRN expires Nov.16th, 2032 DECLARATION: Zac Rubeor responsibility for the quality my knowledge represents temperature ratings, and id manufacture of these fitting	(1500, 2000; pipes; TNE1050-XXX 8 2 (OGaliani)  (1500 rote 1) employed by English of the end product do scientify de the product for which registration is emilication manidage are in accordage is regulated by a Quality Control if	225-1, -3, HP7225-1, 1045, HP1: TNE1075-XXX, 3750pci, 4500p  paretic Controls International and sare that the Information contrology. The dimensiona, mate nose with the hereis named ata rogram which extends to each	226-3, 2222-2, HP1225-4, 2222-4; set & 6000psi MAVVP.  I being the person having tell authority analysed in this form is true and to the best of wisks of construction, pressure anderes. I further declare the tribe in plant where fabrication pressure in whate
Caps: CAP500, -75., -1000 CRN expires Nov.16th, 2032 DECLARATION:  Zee Ruber responsibility for the quality my knowledge represents to temperature ratings, and id manufacture of these fitting or in part and has been ver declaration conscientiously	, 1500, 2000; pipes: TNE-1050-XXX 8 2 (DGallant) of the end product do solerady de- the product for which registration is entitication markets are in accords an in regulated by a Quality Control of	225-1, -3, HP7225-1, 1045, HP1: TNE1075-XXX, 3750pci, 4500p  paretic Controls International and sare that the Information contrology. The dimensiona, mate nose with the hereis named ata rogram which extends to each	226-3, 2222-2, HP1225-4, 2222-4; set & 6000psi MAVVP.  I being the person having tell authority analysed in this form is true and to the best of wisks of construction, pressure anderes. I further declare the tribe in plant where fabrication pressure in whate
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Caps: CAP500, -75., -1000 CRN expires Nov.16th, 2032 DECLARATION:  Zac Rubeor responsibility for the quality my knowledge represents temperature ratings, and id manufacture of these fitting or in part and has been ver declaration conscientiously Signature of Declarer: Declared before me at Ti	225-2, 225-2, NP1228-4; Crosses; 1: -1500, -2000; pipes; TNE1050-XXX 8 2 (OGaliant)  of the end product do solerady de the product for which registration is entitication markings are in accordes is regulated by a Quality Control if fied by nos believing it to be true, and knowing	225-1, -3, HP7225-1, 1045, HP1: TNE1075-XXX, 3750pci, 4500p  paretic Controls International and sare that the Information contrology. The dimensiona, mate nose with the hereis named ata rogram which extends to each	226-3, 2222-2, HP1225-4, 2222-4; set & 6000psi MAWP.  I being the person having tidi authority and sined in this form is true and to the best of ricks of construction, pressure and ricks of construction, pressure that the plant where stabilization occurs in whole interest and I make this solemn talling having and ander cath.
Caps: CAP500, -75., -1000 CRN expires Nov.16th, 2032 DECLARATION:  Zac Rubeor responsibility for the question temperature ratings, and idmanufacture of these fitting or in part and has been ver declaration conscientiously Signature of Declarer:  Declared before me at This	223-2, 223-2, NP1228-4; Crosses: 1, -1500, -2000; pipes; TNE1050-XXX 8 2 (DGallant)  of the end product do solerandy decide product for which registration is emilitiation mandage are in accordance in a regulated by a Quality Control in the product of the produc	TNE1075-XXX, 3750pci, 4500pci,	being the person having tull authority and alred in this form is true and to the best of wists of construction, pressure andards. I further declare that the highest particular in whole riting and i make this solemn to the person of the pers
Caps: CAP500, -75., -1000 CRN expires Nov.16th, 203: DECLARATION:  Zac Rubeor responsibility for the quality my knowledge represents temperature ratings, and id manufacture of these fitting or in part and has been ver declaration consoleratiously Signature of Declarer: Declared before me at This 164 day of Commissioner of Oathe	225-2, 225-2, NP1228-4; Crosses; 1: -1500, -2000; pipes; TNE1050-XXX 8 2 (OGaliant)  of the end product do solerady de the product for which registration is entitication markings are in accordes is regulated by a Quality Control if fied by nos believing it to be true, and knowing	TNE1075-XXX, 3750pci, 4500pci,	being the person having full authority and almod in this form is true and to the best of tries of construction, pressure indends, I further declare that the in plant where fabrication occurs in whole interpretation occurs in whole in that purchase and I make this solemn this object.  NOTAGE FOR
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Caps: CAP500, -75., -1000 CRN expires Nov.16th, 2033 DECLARATION:  Zac Rubeor responsibility for the quality my knowledge represents to temperature ratings, and id manufacture of these fitting or in part and has been ver declaration conscientiously Signature of Declarer:  Declared before me at This	(see rate t) employed by Engl. (OGaliani)  (see rate t) employed by Engl. (of the end product do solemnity de la product for which registration is emittication translengs are in accorda is regulated by a Quality Control i field by nos.  believing it to be true, and knowing the control of the solemnity desired by a Quality Control of the solem	TNE1075-XXX. 3750pei, 4500p  masted Controls International and have that the information conts  keepit. The dimensions, mate mas being suitable fo that it is of the name force and  USETISS  Controls Authority and	being the person having tull authority and allocd in this form is true and to the best of enterto of construction, pressure industs. I further declare that the highest where fabrication occurs in whole that our construction and I make this solemn that our construction occurs in whole that our construction of the co
Caps: CAP500, -75., -1000 CRN expires Nov.16th, 2033 DECLARATION:  Zac Rubeor responsibility for the quality my knowledge represents temperature ratings, and id manufacture of these fitting or in part and has been ver declaration conscientiously Signature of Declarer: Declared before me at This	-1500, -2000; pipes; TNE-1050-XXX 8 2 (OGaliani)  of the end product do scientarly de the product for which registration is entilication maridness are in accords a is regulated by a Quality Control i field by nos believing it to be true, and knowing the product of the product	TNE1075-XXX. 3750pei, 4500p  matted Controls International and fare that the information conts  traught. The dimensions, mate mate with the herein named ata  rogram which extends to each as being suitable fo that it is of the name force and  USETISS  Regulatory Authority use ther tan (10) years from the star	being the person having tull authority and shool in this form is true and to the best of interest of construction, pressure industs. I further declare that the in plant where fabrication occurs in whole that currents and I make this solemn that currents and I make this solemn to solemn the currents and I make this solemn to solemn the currents and I make this solemn to solemn the currents and I make this solemn to solemn the currents and I make this solemn to solemn the currents and I make this solemn to solemn the currents and I make this solemn to solemn the currents and I make this solemn to solemn the currents and I make this solemn to solemn the currents and I make this solemn to solemn the currents and I make this solemn to solemn the currents and I make this solemn to solemn the currents and I make this solemn to solemn the currents and I make this solemn to solemn the currents and I make this solemn the currents are currents.
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Caps: CAP500, -75., -1000 CRN expires Nov.16th, 203:  DECLARATION:  Zee Rubeor responsibility for the question to the presents of these fitting or in part and has been verification conscientiously.  Signature of Declarer:  Declared before me at 76.  This 154 day of Commissioner of Outre or Notary Public: (sign)  This 1704  Notar:  1. All fittings shall be register:  2. Each calegory shall be as	(see rate t) employed by Engl.  (of the end product do solemnly de the product for which registration is entitication mandings are in accords a is regulated by a Quality Control if the balleving it to be true, and knowling the product of the true, and knowling the balleving it to be true, and knowling the product of the space of	TNE1075-XXX. 3750pei, 4500p  matted Controls International and stare that the information control way in the herein named ata rogram which extends to each as being suitable for that it is of the name force and that it is of the name force and Regulatory Authority use fiber ten (10) years from the day Registered CADAT Date Charles Engineering and herectic	being the person having full authority and almod in this form is true and to the best of intels of construction, pressure indexes, I further declare that the in plant where fabrication occurs in whole intel purchase and I make this solemn to solemn the purchase and I make this solemn to solemn the purchase and I make this solemn to solemn to solemn the purchase and I make this solemn to solemn to solemn to solemn the purchase and I make this solemn to solemn to solemn the purchase and I make this solemn to sole
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Capa: CAP500, -751000 CRN expires Nov.16th, 203:  DECLARATION:  Zac Rubeor responsibility for the quality my knowledge represents tomperature ratings, and idmanufacture of these fitting or in part and has been ver declaration conscientiously  Signature of Declarer:  Declared before me at  This	(me mis t) employed by Employed for which registration is a emilification manidage are in according as regulated by a Quality Control is liked by nose believing it to be true, and knowling the service of the space for its registration must be reveiled as a registration of the Manufacturer. It was a subject to the person having full authority at the person having full at the per	TNE1075-XXX. 3750pci, 4500pci A500pci	being the person having full authority and alred in this form is true and to the best of inteles of construction, pressure industs. I further declare that the inplant where fabrication occurs in whole that earlies and I make this solemn to the part where fabrication occurs in whole intelegration occurs in which is a second occurs in which in which it is a second occurs in which in which is a second occurs in which in

	NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
	MANUFACTURERS NAME: She	nghal Rego Flow Technology	Co., Ltd.	
			ensha Road, Pudong New Area, Shanghai	P.P. China
	PLANT LOCATIONS: 34th Build	e o o o o o o o o o o o o o o o o o o o		
	CATEGORY OF FITTI	NGS TO BE REGISTERED C	IRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
0	A Pips fillings, including coupling B Flanges: all flanges	ys, tees, elbowa, Ys, plugs, un	ions, pipe caps, or reducers	
00	C Valves: all line valves			ASME B31.3 2020
00	D Expansion joints, flexible conn E Strainers, fitters, separators, si	nd sdagen trans		
0	F Measuring devices, including p	ressure gauges, level gauges,	sight plasses, levels, or	
0	PLANSING MAURILIMIES		primary over pressure protection on	
	www.e.s. bigobulg appeter: Ditili			
0	H Pressure retaining components	s that do not fall into one of the	above categories	
71	ENGA MANUEL CHREST	☐ Class 2 ☐ Class 3 ☐, (M	setting CNSC or ASME requirements)	
	A Ange III Progration Toronto	E, THADEMARK, OR LOGO	AS IT WILL APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION
1	ěl.		ALCOHOLD .	FORGED WELDED WROUGHT CAST OTHER
1				DESCRIPE OTHER:
			h.	
1	LIST OF SUPPORTING DOCUM	ENTATION AND IDENTIFICAT	TION OF THE ACTUAL ITEMS TO BE RE	SISTERED:
1	See Scope 17770s-1			
1	See scope document 17770s-1			
1				
l in material od	-24. HP1228-1. (1043, HP1228-1. Caps: CAP500, -751000, -150 GRN expires Nov.16th, 2032 (DG DECLARATION:  Zac Rubeor esponsibility for the quality of the my knowledge represents the preparature ratings, and identification of these fittings.	2, 223-2, HP1228-4; Crosse 0, -2000; pipes: TNE1050-XX allant)  see note 3) employed by see and product do solemnly oduct for which registration cation markings are in according to the solemnia see and product of the solemnia see and product for which registration cation markings are in according to the solemnia see and product for which registration cation markings are in according to the solemnia see and product for which registration are solemnia.	4608-5, HP1227-28, 2118-2, HP1227-9, 25: 1225-1, -3, HP1225-1, 1045, HP1225-3; X & TNE1075-XXX. 3750psi, 4500psi & CX & TNE1075-XXX. 3750psi & CX & TNE1075-X	g the person having full authority and in this form is true and to the best of of construction, pressure ds. I further declare that the in where fabrication occurs in whole
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	eclared before me at	ington, Aleman	USE TO SU	TANOS PER
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C	commissioner of Oeths	vale allani 449	thin)	PUBLI
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ı	7hla	This apace	for Regulatory Authority use	Lunii.
l	ı nıs reg	instrumou umast de tentilidate	ed after ten (10) years from the date of	acceptance :
1	CRN: 0A22754.2		148	
١,	FID#: 1704		(3)	7
'	TIUH,		(3/1	BY
١.	Notes:		1 1	
ŀ	1. All fittings shall be registered in	the name of the Manufacturer.	CF	OA22754.2Y
1 2	<ol><li>Each category shall be supported forms and one copy of supporting d</li></ol>	d with two Statutory Declaration	on \\	14/25/2022
13	<ol><li>The declaration shall be made b</li></ol>	y the person having full author	ily and	DATE 11/25/2022
Į.	responsibility for the quality of the e 4. Quality control programs shall be	and product.	1	
	<ul> <li>divality control programs shall be at a maximum interval of five (5) yes</li> </ul>		/0	/ Sect. 1.0 - Pillinge Teek 06/2003
L				See See See

**NEW BRUNSWICK** NOVA SCOTIA PRINCE EDWARD ISLAND NEWFOUNDLAND AND LABRADOR. NUNAVUT YUKON NORTHWEST TERRITORIES 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 TITLE OF THE STANDARD OF CONSTRUCTION A Pipe fittings, including couplings, tees, allows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves ASME B31.3 2020 0 D Expension joints, flexible connections, and hose assemblies: all types Ō E Strainers, filters, separators, and steem traps F Messuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-raised pressure relief devices acceptable as primery over pressure protection on 0 bollars, pressure vessels, piping and fusible pluge H Pressure retaining components that do not fell into one of the above categories N Nuclear components: Class 1 🗆 Class 2 🗆 Class 3 🗀, (Meeting CNSC or ASME requirements) SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT TYPE OF CONSTRUCTION FONGED | WELDED | WROUGHT | CAST | OTHER | D DESCRIBE OTHER: LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: See Scope 17770s-1 See acope 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, HP1226-4, 2222-4; Caps: CAP500, -75-, -1000, -1500, -2000; pipes: TNE1050-XXX & TNE1075-XXX. 3750psl, 4500psl & 6000psl MAWP. CRN expires Nov.16th, 2032 (DGallant) DECLARATION: Zac Rubeor is noted 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 that the orthogonal true. Signature of Declarer. NOTAR Declared before me at Burlingho, Alamence Co USETAS day of Sookember Commissioner of Oaths OPO COUNT or Notary Public: (eign) FROTTES OR 17/2094 This apace for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance. CRN: 0A22754.2 1704 FID#: BY Notes: 0A22754.2Y All fittings shall be registered in the name of the Manufacturer.
 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 DATE 11/25/2022

Fittings Nev. 1 06/2003

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responsibility for the quality of the and product.

at a meximum interval of five (5) years.

4. Quality control programs shall be resubmitted for validation

NEW BRUNBWICK NUMAVUT	NOVA BOOTIA YLIKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	Shanghal Rogo Flow Techno	lopy Co., Ltd.	
MANUFACTURERS ADDRE	58: 34th Building, No. 6999,	Chuaneha Road, Pudong New Aras, Shang	that D.D. Philips
PLANT LOCATIONS: 34th BL	Milding, No. 8999. Chemistra	Road Prefere Men Ame Change to a	hine
SOURSONA OF ELL	TWOSE TO BE REGISTERS	D. CIRCLE ONE CATEGORY ONLY	THE OF THE BYANDAND OF COMMITMENTION
O C Value all lies when		s, unions, pipe cape, or reducers	
O D Expension faints, flowbla on	innections, and hose assum	dies: all types	ASM€ 831.3 2020
O F Measuring devices, including	g prazzura geuges, level gar , and steem traps	iges, sight glesses, levels, or	
O G Certified capacity-rolled pres	sure relief devices acceptab	de as printary over pressure protection on	1
H Pressure retaining compone	eping what was he plugs	If the observe automation	1
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CRN expires Nov.18th, 2032 (C DECLARATION; Zee Rubeer		by Shanshai Reno Flow Technology and b	oling the person having full suthority and
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Commissioner of Ouths or Notary Public: (eign)	prole Mais It	Sulling Deligions	PUBLICATION
This is	This sp	son for Regulatory Authority	Charles Inch
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CRN: 0A22754.2	_	/	1630°
FID#: 1704	-		ritories \
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4. Quality control programs shall	be resubmitted for validation		222
at a maximum interval of five (5) y	feeting.	SIGNED DATE AUGU	1 05/2003

new erunswick Nunavut	YUKON	NORTHWEST TERRITORIES	
MANUFACTURERS NAME	E: Engineered Controls Internet	ionei, LLC	
MANUFACTURERS ADOR	ESB: 100 Rego Drive, Elon, N	IC. 27244, USA	
PLANT LOCATIONS: 100	Rego Drive, Elon, NC, 27244, I	USA	
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A Pipe Milinge, including as B Planges; all flampes	puplings, tees, albows, Ys, plug	s, Unions, pipe cups, or reducess	1
G Valves: all three valves			ASME B31.3 2020
D Expension joints, flexible	connections, and hose assem	biles: all types	
E. Strainers, Stees, superati	on, and signit traps one present gauges, level ga	construction of the same of the same of	l .
processing transmitters.			
G Certified capacity-rated p	ressure refinf direions accepted t, piping and familie place	ble as primary over pressure protection on	
H Pressure retaining compa	counts that do not fall into one	of the shows extensives.	1
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	MANUFACTURERS NAME:	Stranghal Rego Flow Technol	logy Co., Ltd.		
		2S: 34th Building, No. 6999,		d, Pudong New Area, Shen	chal P.R China
	PLANT LOCATIONS: 34th B	ullding, No. 6999, Chuansha	Road Pudono	New Area Shannini DD /	Shina
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9	E Strainero, filtero, separator F Monsuring devices, includi	n, and chasm traps ng pressure gauges, level gar	ugos, alght plac	tes, levels, or	
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1	CRN: 0A22754.2	_		2007	Boilers and Pressure Vessels Act
ı	FID#: 1704			TAUTTAATT	
l				REG	SISTERED
1	Notes: I. All fittings shall be registere	d in the name of the Manufaci	kaner.	CRN_ OA 227	54 2 N
12	<ol><li>Each category shall be support orms and one copy of support</li></ol>	ported with two Statutory Duci	teretion	Date 2022-	Nov- 25
1	. The declaration shall be me	do by the person having full a	uthority and		37.
	esponsibility for the quality of i		20	Signed	(M) ^
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NEW BI	RUNSWICK LIT	NOVA SCOTIA YUKON	PRINCE EDWARD NORTHWEST TER	total stars	NEWFOUNDLAND AND LABRADOR
MANU	FACTURERS NAME: Eng	insered Controls International,	LLC		
9	The Real Property lies and the last of the	100 Rego Drive, Elon, NC, 27	The second secon		
PLAN	LOCATIONS: 100 Rego	Drive, Elen, NC, 27244, USA		SE CHILD	Time of the transcent of constitution
7   12 Links	Mings, including coupling	ge, toes, elbows, Ys, plogs, uni	ons, pipe caps, or red	nosin Seri Assiri	
DE	vot: all the valves envion joints. Sestim com	ections, and hose assemblies:	oll hoten		ASME 831.3 2020
F Men	iners, filters, separators, a	nd steem trape Pressure gauges, level gauges,		gr gr	
G Cer	filed capacity-rated present	we relief slevices acceptable as	primary over pressur	e protection on	
H Pres	ers, pressure vessels, pipi sture relaining component	ng and tusible plugs a that do not fall into one of the	abom catacarias		
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Zac Ru respons my know tempera menufac or in par	Billity for the quality of ti viologe represents the p ture ratings, and identification of these fittings is t and has been wertied	ne and product do solemnly roduct for which registration loation markings are in acco regulated by a Quality Cont	declare that the int is sought. The din irdance with the her rol Program which a	formation contains necessors, material rein named stands acted to each plants alon withhis for the	rds. I further declare that the art where fabrication occurs in whole
Signatur	e of Declarer: 3	owho Kil	~		No.
Declares	d before me at 2	octor. Atamance Co		J S E TES	NOTAL TE
This	IST day of 50	plember AD SOS	24	G-For-	Privat L S F COX
Conards or Noter	sioner of Oalhs y Public: (sign)	both Mano 18			OBLIC.
	MIC	This space		По нап	COLLAND
	This re	gistration must be revalidate		from the date of	Boilers and
CRN:	0A22754.2		15	0.0	Pressure Vessels Act
FID#:	1704		Nuña	VIII	
			1		STERED
Notes:	Hann about he mulatered to	the name of the Manufacturer.	CPN	DA 2275	4.2 N
2. Each	category shall be support	ad with two Statutory Ductarati	en I	2022	Not-25
3. The	nd one copy of supporting decirration shall be made	documentation. by the pemon having full author	Date .		2
PROSPERS	billy for the quality of the	and product.	Signe		100
	ay control programs smail i dimum intervit of five (5) y	be resubstitled for validation wass.		Chie	Inspector - Filings Rev. 1 09/2 03
				erritorial F	tegistration 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



STATUTORY DECLARATION Registration of Fittings								
I, Zac Rubeon	n Design E	Engineer						
		nd Position, e.g. President, Plant Manager, Ch	rief Engineer)					
of Engineered	d Controls International, LLC							
		(Name of Manufacturer)						
Located at	100 Rego Drive, Elon, NC, 27244, USA							
Located at	(Plant Addr	ess)	(Telephone No.)	(Fax No.)				
do sole	do solemnly declare that the fittings listed hereunder, which are subject to the <i>Technical Standards and Safety Act</i> , 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								
ASME	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								
	, the following information and/or test	data are attached as follows:						
See scope do	cument 17770s-1	(drawings, calculations, test reports, etc.)						
Declared bel	ore me at		mance County o	Morth Carolin				
Commission	er for Oaths:  (Printfi name) (Sprature) (Sprature)	5. 2020 Smin	VBLIC Briture of De	2 clarer)				
Technical Sta		FOR OFFICE USE ONLY cation meets the requirements of the nd Pressure Vessels Regulation, and n in CategoryA	Technical Standards and Safety Authority	Boilers and Pressure Vessels Safety Program				
CRN:	0A22754.25 REGISTERED		STERED					
Registered by	. Charley Dong		C.R.N.: 0A22754					
Dated:	Feb.21, 2023							
NOTE: This	registration expires on:	November 16, 2032		iry 21, 2023.				

	•			



2202 2nd Avenue Regina, SK S4R 1K3 Canada 1 (866) 530-8599 info@tsask.ca www.tsask.ca

#### **REGISTRATION OF A PRESSURE FITTING DESIGN**

14-Dec-22

Pressure Vessel Engineering Ltd. 1440 King Street N, Unit 1 St. Jacobs, ON NOB 2NO

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.



Expiry Date: November 16, 2032

Codes & Standards Compliance Office

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. Decla	ration Information		
/, Zac Ri	ubeor		In this space, show facsimile of
•	n Engineer	,	manufacturer's logo or trademark as it will appear on the litting
Desigi	(company title, e.g. vice president, plant man	ager, chief engineer)	
•	st be in a position of authority in the manufacturing pl	ant where the fitting is produced)	
of: Engine	ered Controls International, LLC (name of manufacture	mel.	
located at		•	
iocated at	(Plant Address – Apt/Street)	(City,Prov)	(Postal Code)
	ly declare that the fittings listed hereinul fety Act (check one)	nder, which are subject to the Saska	atchewan Boiler and Pressure
O Con	nply with the requirements of	whic	h specifies the dimensions,
	erials of construction, pressure / temper	ognized North American Standard) ature ratings and identification mark	ring of the fittings, or
Are	not covered by the provisions of a recog	gnized North American standard and	d are therefore manufactured
to c	omply with ASME B31.3 2020		as supported by the attached
	a which identifies the dimensions, mater	· · · · · · · · · · · · · · · · · · ·	erature ratings and the basis
for s	such ratings, and the marking of the fittir	ngs for identification.	
of these fit See Scope In support	the following authority, DQS tings to the stated standard. The fittings e 17770s-1  of this application, the following informa document 17770s-1	s covered by this declaration, for wh	·
II. Declar DECLARE this 1	aration  D before me at Bucheston  day of September  Withers	In the Alamance County	of North Completo
(Signature	of Cor) missipher of Oaths) My Comm	Usion Expines: 08/17/20	ay PUBLIC O
To the best	e Use Only of my knowledge and belief, the application Clause 4.2, and is accepted for registration in		nd Pressure Vessel Safety Age and
(Registrati	Safety Authority of Saskatchevvan	(Date Registered – MM DD YYYY) (For the Administrator / Chief Inspector)	(Expiry Date – MM DD YYYY)
	Registration No. 0A22754.23		
	File No. 13396		TSK-1008
	Date: December 14, 2022		Rev. 10/2012 Page 1 of 1



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

			1011-1000
I.	Declaration Information		
I,	Zac Rubeor		In this space, show facsimile of
•,	Design Engineer		manufacturer's logo or trademark as it will appear on the fitting.
	(company title, e.g. vice president, plant m (must be in a position of authority in the manufacturing		
of:	Shanghai Rego Flow Technology Co., Ltd.		
	(name of manufac	•	_
loc	ated at: 34th Building, No. 6999, Chuansha F		
do : Ves	(Plant Address – Apt/Street) solemnly declare that the fittings listed herein ssel Safety Act (check one)	(City,Prov) under, which are subject to the <b>S</b>	(Postal Code) askatchewan Boiler and Pressure
C	Comply with the requirements of		which specifies the dimensions,
	(title of n Materials of construction, pressure / temp	ecognized North American Standard)	
	Are not covered by the provisions of a rec	ognized North American standar	d and are therefore manufactured
	to comply with ASME B31.3 2020		as supported by the attached
	data which identifies the dimensions, mate	erials of construction, pressure / t	
	for such ratings, and the marking of the fit		, and the second
i foo	ther declare that the manufacturer of these fi		entrol program which has been
	fied by the following authority, CQC		being suitable for the manufacturer
	nese fittings to the stated standard. The fittin		
	e Scope 17770s-1	go dovered by this decisiation, to	which i seek registration, are
	upport of this application, the following inform scope document 17770s-1	iation, calculations and 7 or test o	ata are attached:
11.	Declaration		NOT THE SECOND
DE	CLARED before me at Buchmaton	In the Alamance Cou	of North Gooding
this		2000	THE STATE OF THE S
1	1 1 11 1211	000	- MARIE WIX
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75	ignature of Commissioner of Oaths)	sion Expines 08/19/20	را الله الله الله الله الله الله الله ال
	igrature of Carris) Kar Carris)	101. Expires Sall. Mad	PUBLIC SE
III.	Office Use Only		3.00
To t	ne best of my knowledge and belief, the application B51, Clause 4.2, and is accepted for registration	n meets the requirements of the <b>Boi</b> in Category	ler and Pressure Vessel 800 ( and
(F	Registration Number 1 Technical Safety Authority of Saskatchewan	(Date Registered – MM DD YYYY) (For the Administrator / Chief Inspec	(Expiry Date – MM DD YYYY)
	Registration No. 0A22754.23		-
	File No13396		
	Registered		TSK-1008
	Excity Date: November 16, 2032		Rev. 10/2012 Page 1 of 1
	Coder & 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

2223-2: 4500 PSI

HP1228-4: 6000 PSI

MDMT: -40°F
Impact Testing: None
Impact Testing Exemption: 323.2.2
Radiography: N/A

Registration No. \_\_OA22754.23
File No. \_\_13396

Registrated

Date: December 14, 2022

Exploy Date: November 16, 2032

Codes & Standards Compliance Office

**Drawings Enclosed:** 

Crosses: Caps: **Elbows:** Tees: 1225-1: 3750 PSI CAP500: 600 psi 1227-1: 3750 PSI 1228-1: 3750 PSI 1225-3: 3750 PSI CAP750: 600 psi 1227-3: 3750 PSI 1228-2: 3750 PSI HP1225-1: 4500 PSI CAP1000: 600 psi 1227-28: 3750 PSI 1228-4: 3750 PSI CAP1500: 600 psi 1227-9: 3750 PSI HP1228-1: 4500 PSI 1045: 4500 PSI CAP2000: 600 psi HP1225-3: 4500 PSI HP1227-1: 4500 PSI 1043: 4500 PSI 1042: 4500 PSI HP1228-2: 4500 PSI 2222-2: 4500 PSI

HP1225-4: 4500 PSI

2222-4: 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

Pipe:

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

Materials:

Tees, Elbow, Crosses:B283 UNS C37700Pipes: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