

Suite 600 - 2889 East 12th Avenue Vancouver, BC V5M 4T5

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

ATTN: NICOLE KILGORE
PRESSURE VESSEL ENGINEERING
#1 1440 KING STREET

ST. JACOBS ON NOB 2NO

**Date:** 15-Feb-2024

TSBC Account #: 061511
TSBC Admin Number: 104730

Canadian Registration Number: 0C23760.21

# Re: Application for Design Registration

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

Registered To: Engineered Controls International, LLC

Project Name: PVE-19975

Drawing #: PVE-19975s-1

Drawing Revision:

# Conditions of Registration:

(1)Fitting Registration Expiry Date: 04-Jan-2034 (2) The registration is valid until the indicated expiry date only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date. Should the approval of quality management system lapse before the expiry date indicated above, this registration shall become void.

### Reviewer's Notes:

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

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

The Engineering Information Management Team



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

January 04, 2024

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

CRN: 0C23760.2 Accepted on: January 04, 2024

Reg Type: NEW DESIGN Expiry Date: January 04, 2034

Drawing No.: PVE-19975s-1 Rev 0

Fitting type: Valves

Design registered in the name of : ENGINEERED CONTROLS INTERNATIONAL LLC

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

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

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

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

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

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

Sincerely.

2023-07306



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

January 04, 2024

WANG, IAN, P. Eng. DOP Cert. No. D00009643

2023-07306 Page 2 of 2





In this space, show facsimile of manufacturer's logo or trademerk

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

Zac F	Rubeor		Design Engineer			will appear on the fitting.		
	(name of applicant)		(position title) (must l	e in a position of	authority)			
of Engin	neered Controls Internatio					-13dm		
la a ataut	-4 400 m. lo = 1		of manufacturer)			4-1-1-1		
located	at 100 RegO Drive, Ek		nited States of America ant address)					
do sole	mnly declare that the			re subject to t	he Safety Codes	Act		
	only one)	, mango notou	Troroundor, Willor	ire subject to t	ne calciy codes	AUL		
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	comply with the requi	irements of			which specifie	es the dimensions,		
-			(title of recognized North			o are differential,		
r	materials of construc	ction, pressur	e/temperature rating	as and identific	cation marking of	the fittings, or		
			,,			3-1-		
	are not covered by th	e provisions	of a recognized Nor	th American s	tandard and are t	herefore		
Ť	manufactured to comply with ASME B31.3 ED 2022 as supported by the							
	(title of code of construction or other applicable document)							
a	attached data which identifies the dimensions, materials of construction, pressure/temperature ratings							
â	and the basis for such ratings, and the identification marking of the fittings.							
1 further	declare that the mai	nufacture of t	heee fittinge is contr	olled by a gua	lifu control progra	m which has been		
ventied	as described in the b	pelow Table a	is being suitable for	the manufactu	iring of these fittir	igs to the stated		
standar	d, regulation, code, g	juideline or ot	ther applicable docu	ment. The fitti	ngs covered by th	e declaration for		
which I	seek registration are	as provided i	in the Supplementar	y Sheet(s) atta	ached.			
	-	·						
			ينش و					
Quality	Program Verification	on and Manu	Ifacturing Sites					
А сору	of the Quality Certific	ate from each	h manufacturing site	must be inclu	ided			
	Product					Location(s)		
item #	Description,	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Plant Name and		
***	Model or Series	,				address		
	See Scope Document	ISO	The design and manufacture of valves, regulators and	2024-07-19	DQS	100 RegO Drive, Elon,		
1.	19975s-1	9001:2015	of valves, regulators and fittings for the L.P. Gas, Anhydrous Ammonia, LNG,		4	NC 27244, United		
			and Compressed Gas Industries.		_	States of America		
_								
2.								





In support of this application, the following information, calculations and/or test data are attached: Scope document: 19975s-1 Jovember 30 in the STATE of NORTH CAROLINA (province, territory, or state) DECLARED before me at (print) (sign) ommissione of Oaths or Notary Public) Commissioner of Oaths / Notary Public in and for: Pocking Uam Courts (province, lernlory, of state) For ABSA Office Use Only: NOTES: To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Part 1, Clause 4.2, and is accepted for 2023-07306 registration in Category **ABSA SAFETY CODES ACT - PROVINCE OF ALBERTA** CRN: ACCEPTED: 0C23760.2 See acceptance letter for Registered Date: conditions of registration. Date: 2024-01-04 Jan 4, 2034 Expiry Date: \_\_\_ IAN WANG, P. Eng. DOP: 000008643 This stamp and signature have been affixed electronically Signature: to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance (Signature of the Administrator/SCO) with the Electronic Transactions Act. The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Pressure Equipment Discipline



(Supplemental Sheet for AB-41)
AB-41 2019-08

Table 1\*\* Scope of Fitting Designs

	Chiman.				7 17440				
	Distant		Port		עמופט	rated Pressure			Poference
Item #	Pressure Bearing / Retaining Component	Material of Construction	Connections and Size Range	MDMT	At Ambient Temperature	At Maximum Temperature	Pressure Class(es) / Schedule(s)	Design Code(s) of Construction	Catalogue (pages) or Drawing(s)
Refer 19975s-1									

Table 2 Additional Scope Information

List/Attach Additional Detail and References (Product Configurations, Options, Illustrations, etc.)

Example:

Series X Options

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





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

, Zac	Rubeor	1	Design Engineer		1	In this space, show facsimile of manufacturer's logo or tradema as it will appear on the fitting.	
	(name of applicant)		(position title) (must	be in a position o		The season of the season of	
of Shar	nghal Rego Flow Technolo					SECO -	
		• •	of manufacturer)			REEL -	
located	at 34th Building, No.69			Shanghai, P.R.	China		
	emnly declare that the only one)		ant address) I hereunder, which a	are subject to	the Safety Cod	es Act	
	comply with the requ	_	(title of recognized North	American Stand		ifies the dimensions,	
	materials of constru	ction, pressur	re/temperature ratin	gs and identif	ication marking	of the fittings, or	
	are not covered by th	e provisions	of a recognized Nor	th American s	standard and ar	e therefore	
	manufactured to con		EB31.3 ED 2022	other applicable (		ported by the	
	attached data which identifies the dimensions, materials of construction, pressure/temperature ratings						
	and the basis for suc						
	r declare that the ma					gram which has been	
standar	d, regulation, code, g	juideline or ot	ther applicable docu	ment. The fitt	ings covered by	the declaration for	
	seek registration are				-		
Quality	Program Verification	on and Manu	facturing Sites				
А сору	of the Quality Certific	ate from each	n manufacturing site	must be incl	uded		
Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address	
1.	See Scope Document 19975s-1	ISO 9001:2015	Menufacturing of few temp. Industrial fiquefied gas valves (Safety wile, Cryogenic Regulators Velve, Cryogenic Shut-off valves within the scope of license; Check valves worther values.	November 5, 2024	CQS	34th Building, No.6999, Chuansha Road, Pudong New Area, Shanghai, P.R. China	
2.							





In support of this application, the following information, calculations and/or test data are attached: Scope document: 19975s-1 November 30, 2023 in the State DECLARED before me at ELO (print) Commissioner of Oaths or Notary Public) Commissioner of Oaths / Notary Public in and for: Rocks ucuon County A For ABSA Office Use Only: NOTES: \_\_\_\_ To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Part 1, Clause 4.2, and is accepted for registration in Category 2023-07306 **ABSA** SAFETY CODES ACT - PROVINCE OF ALBERTA CRN: ACCEPTED: 0C23760.2 See acceptance letter for Registered Date: conditions of registration. Date: 2024-01-04 Jan 4, 2034 Expiry Date: \_\_\_\_ This stamp and signature have been affixed electronically Signature: to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance (Signature of the Administrator/SCO) with the Electronic Transactions Act. The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Pressure Equipment Discipline



The pressure equipment setting surfacility (Supplemental Sheet for AB-41)
AB-41 2019-08

Table 1\*\* Scope of Fitting Designs

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

Table 2 Additional Scope Information

List/Attach Additional Detail and References (Product Configurations, Options, Illustrations, etc.)

Example:

Series X Options

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



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

### REGISTRATION OF A PRESSURE FITTING DESIGN

January 18, 2024

Pressure Vessel Engineering 1440 King Street N, Unit 1, PO Box 112 St. Jacobs, ON Canada NOB 2NO

Attention: Nicole Kilgore File Number: 100278

Re: Manufacturer: Engineered Controls International, LLC

Item: Valves

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

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

0C23760.23 Expiry Date: 2034-01-04

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

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

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

Yours truly,

Williams Uju, P.Eng.

Codes and Standards Compliance

### Remarks:

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



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-100
Declaration Information		
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 manager, chief engineer)	
(must be in a position of authority in the manufa	cturing plant where the fitting is produced)	
Engineered Controls International, LLC		
100 0 0 0 5 5 10 110 07	nanufacturer)	
:ated at: 100 RegO Drive, Elon, NC 272 (Plant Address – Apt/Street)	(City,Prov)	(Postal Code)
• • • • • • • • • • • • • • • • • • • •	nereinunder, which are subject to the Saska	
Comply with the requirements of	whic	h specifies the dimensions,
(	title of recognized North American Standard)	
Materials of construction, pressure /	temperature ratings and identification mark	ing of the fittings, or
Are not covered by the provisions of	a recognized North American standard and	d are therefore manufactured
to comply with ASME B31.3 ED 2022		as supported by the attached
	, materials of construction, pressure / temp	
for such ratings, and the marking of		The same and and and
pe document: 19975s-1	information, calculations and / or test data a	are attached:
Declaration	72 - 73 - 69 6	THE RESERVE OF THE PARTY OF
CLARED before me at	In the STATE	of WARD AROUNA
s 30 Th day of NOUEMBS!	. 7223	YRATOH F
JASON M SCENECE	But.	60
(print name)	(Signature)	PUBLIC
/ J HH		
Signature of Commissioner of Oaths)		GHAM COUNTY
Office Use Only		west WHINE
	olication meets the requirements of the <i>Boller ar</i> retrievants are retrieval.	nd Pressure Vessel Safety Act and
Technical		_
Safety Authority of Saskatchewan	(Date Registered - MM DD YYYY)	(Expiry Date - MM DD YYYY)
Registration No. 0C23760.23	(For the Administrator / Chief Inspector)	
File No100277		
Registered		
Date: January 18, 2024		TSK-100 Rev. 10/201
Expiry Date: January 04, 2034		Page 1 of



February 15, 2024

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

# Dear Nicole Kilgore,

# Re: Reciprocal CRN Registration in Manitoba

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

Your submission has been registered, as follows:

File Number: 74-R3835 CRN: 0C23760.24

Scope: PVE-19975s-1 Rev 0

Manufacturer:

Expiry Date: ENGINEERED CONTROLS INTERNATIONAL LLC

Expiry Date: 4 January 2034

Along with this letter is the invoice for registration.

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

Please contact <a href="mailto:qasupport@gov.mb.ca">qasupport@gov.mb.ca</a> for any questions or concerns.

# **Inspection and Technical Services**

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



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

www.tssa.org

May 9, 2024

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

Workorder Type: Registration - Fitting(Conventional)

Workorder No: 14213557

Your Reference No.: PVE-19975

Registered to: ENGINEERED CONTROLS INTERNATIONAL LLC

Dear MARY McCLELLAND,

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

CRN: 0C23760.25

Main Design No.: PVE-19975s-1 Rev 0

Expiry Date: Jan 04, 2034

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

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

The stamped copy of the approved registration and the invoice are mailed separately (There will be no hard copies for electronic submissions). Should you have any questions or require further assistance, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Mehdi Talebi Engineer, BPV

Tel.: +1 416-734-3413 Email: mtalebi@tssa.org



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

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



STA	TUTORY DECLAR Registration of Fittings		
, Zac Rubeor Design Engir			
(Name and Po	osition, e.g. President, Plant Manager, Chief	Engineer)	
of Engineered Controls International, LLC			
	(Name of Manufacturer)		
Located at 100 RegO Drive, Elon, NC 27244, Unite	ed States of America		
(Plant Address)		(Telephone No.)	(Fax No.)
do solemnly declare that the fittings listed he and Pressure Vessels Regulation, comply	ereunder, which are subject to the in with all of the requirements of	Technical Standard	s and Safety Act, Boilers
which specifies the dimensions, materials of cor	of recognized North American Standard) nstruction, pressure/temperature rating	s, identification markin	g the fittings and service;
or are not covered by the provisions of a reaction ASME B31.3 ED 2022 as supressure/temperature ratings and the basis for	pported by the attached data which is	dentifies the dimension	ns. material of construction
further declare that the manufacture of these fitting ISO 9001:2015 which has been verified by the fol	والمستقدية والمستقدية		ents of
The items covered by this declaration, for which I seek n			type fittings. In support of
nis application, the following information and/or test data			spe imigo: arcopportor
Scope document: 19975s-1			
(1	drawings, calculations, test reports, etc.)		
Declared before me at	in the _STATE	H SCENILL	of NORTH CAROLI
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(Signalule)		(Signature of D	eclarer)
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o the best of my knowledge and belief, the applicatio		Standards	Pressure Vessels
echnical Standards and Safety Act, Boilers and Pr	ressure Vessels Regulation, and	and Safety	Safety Program
SA Standard B51 and is accepted for registration in	CategoryC	Authority	
RN: 0C23760.25	This Document has been digitally signed	REGI	STERED
Registered by:	and approved.	C.R.N.: 0C2376	0.25
	ne stamp size nas		0.20
Oated:	11 x 17 documents.	Signed: MT	
OTE: This registration expires on: JAN 4,	2034	Date: May 9	, 2024.
OTE: This registration expires on: JAN 4,	ZUUT	11.00	



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 DECLAR Registration of Fitting		
, Zac Rubeor Design Engineer		
(Name and Position, e.g. President, Plant Manager, Chief	Engineer)	
of Shanghai Rego Flow Technology Co.,Ltd. (Name of Manufacturer)		
Located at 34th Building, No.6999, Chuansha Road, Pudong New Area, Shanghai, P.R.	China	
(Plant Address)	(Telephone No.)	(Fax No.)
do solemnly declare that the fittings listed hereunder, which are subject to the and Pressure Vessels Regulation, comply with all of the requirements of	Technical Standards	s and Safety Act, Boilers
(Title of recognized North American Standard) which specifies the dimensions, materials of construction, pressure/temperature rating or are not covered by the provisions of a recognized North American standard ASME B31.3 ED 2022 as supported by the attached data which is pressure/temperature ratings and the basis for such ratings, the marking of the f	and are therefore ma	nufactured to comply with
I further declare that the manufacture of these fittings is controlled by a quality system is 1SO 9001:2015 which has been verified by the following authority, CQS.  The items covered by this declaration, for which I seek registration, are category C this application, the following information and/or test data are attached as follows:  Scope document: 19975s-1 (drawings, calculations, test reports, etc.)	neeting the requireme	nts of
(warmigo, varonatoria, taat tapona, tito.)		
Declared before me at ELON In the CM	WHITE SOF	× 110
beclared before the at	A CAN	
the 30 TH day of NOVEMBER AD 2023.	NOTARY	Shill the same of
Commissioner for Oaths:  (Printed name)	PUBLIC PUBLIC	
(Solgratule)	(Signature of De	eclarer)
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	Technical Standards and Safety	Boilers and Pressure Vessels Safety Program
CSA Standard B51 and is accepted for registration in Category	Authority	, ,
CRN: OC23760.25 This Document has been digitally signed and approved.	REGIS	STERED
Registered by:  The stamp size has been optimized for	C.R.N.: 0C23760	0.25
Dated: 11 x 17 documents.	Signed: MT	
NOTE: This registration expires on: JAN 4, 2034	Date: May 9,	2024.



Scope Document: PVE-19975s-1 R0

Multiple CAT C Fittings General Conditions:

Design Code: B31.3 2022 Ed MAWP: Refer Note (1)

Max Temp: 165 °F Corrosion: 0 in

Test Pressure: Performed after installation by end user

MDMT: -40 °F Impact testing: None Impact testing exemption: 323.2.2 Radiography: N/A

### Notes:

1. Fitting list outlining design conditions and material is as follows:

- 19975s-1 Fitting List

### **Calculations:**

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

# **Material Properties:**

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

### QC Certificate:

### **Engineered Controls International, LLC**

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

### Shanghai Rego Flow Technology Co., Ltd.

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

# THIS IS PART OF CRN

OC23760.25

Technical Standards and Safety Authority

Boilers and Pressure Vessels Safety

Program

# 19975s-1 Fitting List

	TOP-LEVEL ASSY   DESC	DESC	PART#	PART DESC	<b>\$</b>	FORGING/C REGO ASTING/ST MATE OCK # SPEC	REGO MATERIAL SPEC	MATERIAL TYPE	MATERIAL#	(°F) TEMP	(F)	MAX DESIGN PRESSURE (PSI)
6	970AX	POL CONNECTION	970X-1A	NIPPLE	Refer 19975c-1	701217	11550-417	ASTM B16	UNS C36000	-40	165	250
6	970AXS	POL CONNECTION	970X-1AS	NIPPLE	Refer 19975c-1	701217	11550-417	ASTM B16	UNS C36000	-40		250
9	970WXS	POL CONNECTION	970X-1AS	NIPPLE	Refer 19975c-1	701217	11550-417	ASTM B16	UNS C36000	-40		250
3	3119A	ADAPTER	3119A-6	BODY	Refer 19975c-1	701302	11550-417	ASTM B16	UNS C36000	-40		250
-			3120-1	TAILPIECE		701241	11550-417	ASTM B16	UNS C36000			
5 3	3120	ADAPTER	3120-6	BODY	Refer 19975f-1	3120-6C	11550-95	ASTM B62 OR B584	UNS C83600	-40	165	250
			3120-1	TAILPIECE	Refer 19975c-1	701241	11550-417	ASTM B16	UNS C36000		H	
9	3121	ADAPTER	3121-1	ВОДУ	Refer 19975f-1	7550-1AF	11550-160	ASTM B283	UNS C37700	40	165	250
			3121-2	BONNET	Refer 19975c-1	701288	11550-417	ASTM B16	UNS C36000			
-			3121-7	TAILPIECE	Refer 19975c-1	701241	11550-417	ASTM B16	UNS C36000			
m	3179A	FILLER VALVE ADAPTER	3179A-1	ВОДУ	Refer 19975c-1	3175-2R	11550-417	ASTM B16	UNS C36000	-40	165	250
-			3179A-2	BODY INSERT		701290	11550-417	ASTM B16	UNS C36000			Part and
m	31798	FILLER VALVE ADAPTER	3179B-1	BODY	Refer 19975c-1	701300	11550-417	ASTM B16	UNS C36000	-40	165	250
			3179B-5	NIPPLE		701241	11550-417	ASTM B16	UNS C36000			
m	3199W	POL CONNECTION	3199W-1A	NIPPLE	Refer 19975c-1	701217	11550-417	ASTM B16	UNS C36000	-40	165	250
^	10 7141F	ACME CHECK CONNECTOR	7141F-4A	TAILPIECE NIPPLE ASSY	Refer 19975c-1					-40	165	250
			7141F-4AB	TAILPIECE NIPPLE		701280	11550-417	ASTM B16	UNS C36000			
-			7141F-3B	TAILPIECE		701279	11550-418	ASTM B453 TYPE 345	UNS C34500			
_	11 7141M SER	ACME CHECK CONNECTOR	7141M-1M	BODY	Refer 19975c-1	7141M-1F	11550-160	ASTM B283	UNS C37700	-40	165	250
			7141M-1	BODY		711032	11550-417	ASTM B16	UNS C36000			- Danie
12 7	7577V	FILL HOSE ADAPTER	7577-3	NIPPLE	Refer 19975c-1	701241	11550-417	ASTM B16	UNS C36000	-40	165	250
-			7577V-1A	BODY		701251	11550-417	ASTM B16	UNS C36000			
13 7	7580F-20	ADAPTER	7580F-1	BODY	Refer 19975f-1	3120-7C	11550-95	ASTM B62 OR B584	UNS C83600	-40	165	250
			7580F-203	TAILPIECE	Refer 19975c-1	701293	11550-417	ASTM B16	UNS C36000			
14 7.	7590U-20	LIQUID ACTUATOR	7590U-202	вору	"7580F-1" Cover this part	3120-7C	11550-95	ASTM B62 OR B584	UNS C83600	40	165	250
			7590U-203	TAILPIECE	Refer 19975c-1	701240	11550-417	ASTM B16	UNS C36000			
15 7	7573-20	ADAPTER	7580F-1	BODY	Refer 19975f-1	3120-6C	11550-95	ASTM B62 OR B584	UNS C83600	40	165	250
H			7573-26	ADAPTER	Refer 19975c-1	701237	11550-417	ASTM B16	UNS C36000			
			7573-25	TAILPIECE	Refer 19975c-1	701226	11550-417	ASTM B16	UNS C36000			
16 3.	3127N SER	THERMAL EXPANSION RELIEF VALVE	3127-1	BODY	Refer 19975c-1	701281	11550-417	ASTM B16	UNS C36000	-40	165	250
17 S	SS8021N SER	THERMAL EXPANSION RELIEF VALVE	80021-155	ВОДУ	Refer 19975c-1	701669U	11550-432	ASTM A582 TYPE 303	UNS S30300	-40	165	400

# THIS IS PART OF CRN

0C23760.25

Technical Standards and Safety Authority Boilers and Pressure Vessels Safety Program



Direction des équipements sous pression

Montréal, 23 janvier 2024.

NICOLE KILGORE
PRESSURE VESSEL ENGINEERING LTD.
1-1440 KING STREET NORTH, PO BOX
ST. JACOB'S ONTARIO
CANADA NOB 2NO

Fabricant: ENGINEERED CONTROLS INTERNATIONAL INC.

100 REGO DRIVE ELON NORTH CAROLINA

U.S.A. 27244

Numéro de dossier : 944679

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

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

Bonjour,

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

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

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

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

Salutations distinguées,

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

### Montréal

255, boul. Crémazie Est, 2ième étage Montréal (Québec) H2M 1L5 Téléphone : 514 873-2546 Sans frais : 1 866 262-2084

enregistrementdesplans@rbq.gouv.qc.ca

www.rbq.gouv.qc.ca



Direction des équipements sous pression

Montréal, le 23 janvier 2024.

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

Manufacturer: ENGINEERED CONTROLS INTERNATIONAL INC.

100 REGO DRIVE

**ELON NORTH CAROLINA** 

U.S.A. 27244

**OUR REFERENCE: 944679** 

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

Subject: Design registration confirmation

Hi,

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

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

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

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

Yours sincerely,

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

### Montréal

255, boul. Crémazie Est, 2ième étage Montréal (Québec) H2M 1L5 Téléphone : 514 873-2546 Sans frais : 1 866 262-2084

en registrement desplans@rbq.gouv.qc.ca



Scope Document: PVE-19975s-1 R0

Multiple CAT C Fittings General Conditions:

Design Code: B31.3 2022 Ed MAWP: Refer Note (1)

Max Temp: 165 °F Corrosion: 0 in

Test Pressure: Performed after installation by end user

MDMT: -40 °F Impact testing: None Impact testing exemption: 323.2.2 Radiography: N/A

### Notes:

1. Fitting list outlining design conditions and material is as follows:

19975s-1 Fitting List

### **Calculations:**

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

### **Material Properties:**

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

### QC Certificate:

## **Engineered Controls International, LLC**

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

# Shanghai Rego Flow Technology Co., Ltd.

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



# **Statutory Declaration Registration of Fittings**

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



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

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

# 1. Fittings to register

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

No	Description	Additional information (detail, calculations or approval sheets)
1	Refer 19975s-1	
2		
3		
4		
5		

# 2. Declaration of the person in charge

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

2.1 Design					
I, the undersigned, Zac Rubeor	Design Engineer				
(Name of the person in charge)	(Title of the person in charge)				
from Shanghai Rego Flow Technology Co.,Ltd located at China	, No.6999, Chuansha Road, Pudong New Area, Shanghai, P.R.				
(Company's name)	(Plant's address)				
hereby declare that the above-mentioned fittings and subject to the Re	egulation respecting pressure installations:				
$\hfill \Box$ comply with the requirements of the ANSI/ASME codes as to their or					
are not covered by the ANSI/ASME codes, but are in compliance with ASME B31.3 ED 2022					
(Name of code or standard)					
code or standard and are designed according to the best current engire	neering practice, as proven by the enclosed approval report.				
I further declare that the manufacture of these fittings is controlled by a	quality control program that complies with the requirements of the				
following code: ISO 9001:2015 , and has been verified by C					
(Name of code)	(Authorized agency)				
Signature of the person in charge: July Rh	Date (yyyy-mm-dd): 2023-11-30				

# 3. Declaration of commissioner for oaths

I certify that this declaration has been administered before me, at _	ELON NC (Location)	on <u>2023 - 11 -30</u> (Date (yyyy-mm-dd)):
Signature of commissioner for oaths:		Date (yyyy-mm-dd): 2023 · (1 - 30
Stamp the seal:  Son H Soc NOTARY  PUBLIC COUNTY  AMERICAN COUNTY  AMERICAN  AMERICAN		

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

As far as I know, this application compacted for registration in the class	lies with the requirements of the	he Act and with standard CSA B51, Part 1, section 4.2, and is
This registration expires in ten (10) year	ars after the date of registration	n indicated above, and it must be validated again after this period.
Canadian registration number (CRN):	Circegistré au Québec C23760.26  Régie du bâtiment  Québec	Registration date (yyyy-mm-dd):
No.	01/21/2024	

### Documents to attach

Any application registration for fittings must include these documents:

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

Perue par la RBO

Form Application for design registration (1 copy)

### Sending the form

This declaration is mandatory in order to submit an application registration of fittings. Application registration for fittings must only be sent by mail to this address: Bureau d'expertise et d'homologation en équipements sous pression Régie du bâtiment du Québec 545, boulevard Crémazie Est, 7º étage Montréal (Québec) H2M 2V2



# Statutory Declaration Registration of Fittings

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



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

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

# 1. Fittings to register

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

No	Description	Additional information (detail, calculations or approval sheets)
1	Refer 19975s-1	
2		
3		
4		
5		

# 2. Declaration of the person in charge

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

l, the undersigned,	Zac Rubeor	Design Engineer
	(Name of the person in charge)	(Title of the person in charge)
rom Engineered C	controls International, LLC located at 100 R	RegO Drive, Elon, NC 27244, United States of America
	mpany's name)	(Plant's address)
ereby declare that	the above-mentioned fittings and subject to	o the Regulation respecting pressure installations:
_		to their dimensions, identification, material and purpose
~~		
🐒 are not covered	by the ANSI/ASME codes, but are in compl	liance with ASME B31.3 ED 2022
	by the ANSI/ASME codes, but are in complete.	(Name of code or standard)
ode or standard a	nd are designed according to the best curre	
code or standard a	nd are designed according to the best curre	(Name of code or standard) Int engineering practice, as proven by the enclosed approval report.
code or standard a	nd are designed according to the best curre quality control t the manufacture of these fittings is control	(Name of code or standard) Intengineering practice, as proven by the enclosed approval report.  Ided by a quality control program that complies with the requirements of the
code or standard as 2.2 Manufacturing further declare tha	nd are designed according to the best curre quality control t the manufacture of these fittings is control	(Name of code or standard) Intengineering practice, as proven by the enclosed approval report.  Ided by a quality control program that complies with the requirements of the

21 Doelan

# 3. Declaration of commissioner for oaths

I certify that this declaration has been administered before me, at	(Location) , on 2023 - (1 - 30 (Date (yyyy-mm-dd)):
Signature of commissioner for oaths:	Date (yyyy-mm-dd): 2023 - (1 - 36)
Stamp the seal:	
H SCE	
NOTARY	
	NATURAL DESCRIPTION OF THE PROPERTY OF THE PRO
SCHAM COUNTY	
GHAM CO	

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

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

### **Documents to attach**

Any application registration for fittings must include these documents:

- Statutory Declaration Registration of Fittings (2 copies)
- Detailed calculations or burst test report (1 copy)
- · Detailed technical drawings or catalogues (2 copies)
- · Example of the manufacturer's marking (1 copy)
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Perue par la RBQ

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### Sending the form

This declaration is mandatory in order to submit an application registration of fittings. Application registration for fittings must only be sent by mail to this address: Bureau d'expertise et d'homologation en équipements sous pression Régie du bâtiment du Québec 545, boulevard Crémazie Est, 7º étage Montréal (Québec) H2M 2V2

	NUNAVUT	YUKON		WARD ISLAND ST TERRITORIES	NEWFOUNDLAND AND LABRADOR	
	MANUFACTURERS NAME: She	nghal Rego Flow Technology	Co.,Lid.			
	MANUFACTURERS ADDRESS:			idona New Area, Shangh	ai. P.R. China	
	PLANT LOCATIONS: 34th Build	ing, No.6899, Chuansha Road	d, Pudong New	Area, Shanghal, P.R. Chi		
		NGS TO BE REGISTERED.			TITLE OF THE STANDARD OF CONSTRUCTION	
00:0:00	A Pipe fittings, including coupling B Florigas: all flanges C Valves: all time valves D Expension joints, flantible cour E Stratters, fitters, separators, a	actions, and hose assemblies		, or reduçers	ABME B31.3 EO 2022	
	F Messuring devices, including a pressure transmitters	preseure gauges, level gauge:				
0	G Certified capacity-rated pressu boilers, pressure vessels, pipi	ng and fusible plugs				
0	N Nuclear components: Class 1	s that do not fall into one of th	o above catego	riss		
	SHOW MANUFACTURERS NAM	E TRADEMARK OF LOCA	MOSURY CREC	N WOME LEGINGMENTED	TYPE OF CONSTRUCTION	
			7) =		FORGED   WELDED   WROUGHT   CAST   OTHER   WROUGHT   DESCRIBE OTHER:  Machining, Casting	
	LIST OF SUPPORTING DOCUM	ENTATION AND IDENTIFIC	ATION OF THE	ACTUAL ITEMS TO BE	REGISTEREN:	
	See Scope Document 19975s-1					
	Scope document: 19976s-1					
	Outpo document, 10070s-1					
				<u> </u>		
		•				
,						
	DECLARATION:				•	
	Zac Rubeor				paing the person having full authority an	
	my knowledge represents the t				ned in this form is true and to the best o	ĺ
- 1	lemperature ratings, and identi	fication markings are in ac	cordance with	the herein named star	dards. I further declare that the	
			nirol Program	which extends to each	plant where fabrication occurs in whole that any little and I make this solemn	
1	or in part and has been verified declaration conscientiously bel	ieving it to be true, and kn	owing that it is	of the same force and	the chas Phote bader oath.	
	1.	1-101		No	Ole ASS	
	Signature of Declarer:	at Ke		13	HOTARY M	
	Declared before me at	VEIDN NC		USETET	S SPACE FOR	
	This 30 TH day of No	NEMPSA AD 70	223	Olf.	Philips of	
1	or Notary Public: (sign)	ale la		**	CONTRACTOR CONTRACTOR	
	60			ry Authority use	Mannimus and	i
	This re	egistration must be revalid	ated after ten			
	CRN: 0C23760.2			ACC	EPTED	
				PROVINCE OF PRI	NCE EDWARD ISLAND	
	FID#: 1704	_		COMMUNITES, L	ND & ENVIRONMENT	
	A8.45			CRN. OC 2	3760,29	
	Notes: 1. All fittings shall be registered	in the name of the Manufactu	rer.		19 2024	
	2. Each category shall be supporting	o documentation.		DATE:	. HCCL	
	3. The declaration shall be made	s by the person having full au	blonty and		San Controlly	
	responsibility for the quality of the	a end product. I be resubmitted for validation		INSPECTION	BRVISES SECTION	
	et a madarum interval of five (5)	years.		BOILER/PRESS	JRE VESSEL BRANCH Rev. 1 05/2003	

	NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR	
	MANUFACTURERS NAME: Eng	Incored Controls International,	ιιċ		
MANUFACTURERS ADDRESS: 100 RegO Drive, Elon, NC 27244, United States of America					
	PLANT LOCATIONS: 100 RegO				
	CATEGORY OF FITTI	NGS TO BE REGISTERED. C	IRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD DE CONSTRUCTION	
000	A Pipe filtings, including couplin B Flanges: all flanges	gs, tees, elbows, Ye, plugs, un	lons, pipe capi, or reducers	1	
0	C Valves: all line valves			ASME B31.3 ED 2022	
ŏ	D Expansion joints, flexible com E Streiners, filters, separators, a	1			
ō	F Measuring devices; including pressure transmitters		eighi glasses, lavels, or	1	
0	G Certified capacity-rated press		primary over pressure protection on		
O	bollers, pressure vessels, plp H Pressure retaining component		shair astonoitan		
Q			lealing CNSC or ASME requirements)		
-			AS IT WILL APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION	
	Accountage	ns. Antiquella eliminate d'alle a	Mark to the state of a gar, and and as debut a care to dem	CAST COTHEN C	
	(masa.kasa			Dascruse OTHER: Machining, Casting	
	E 1763	Comment of the commen	ALIENSE SEL	mentioning, Ociocity	
	LIST OF SUPPORTING DOCUM	PATATION AND IDENTIFICA	TION OF THE ACTUAL ITEMS TO BE RE	GISTERED:	
	See Scope Document 19975s-1	THE PERSON NAMED IN COLUMN TWO			
	Scope document; 19975s-1				
	Scobs of collisist, 1991,09-1				
			•		
		9			
	DECLARATION:			In the consequence for the first section of the sec	
	Zac Rubeor	the and product do solerun	/ Fnaincered Controls Internations and be ly declare that the information contains	ing the person having full authority and ad in this form is true and to the best of	
	my knowledge represents the	product for which registration	on is sought. The dimensions, materia	ls of construction, pressure	
	temperature ratings, and Ideni	ification markings are in ac	cordance with the herein named stand	ands. I further deciare that the	
	or in part and has been veitfie	d by DOS	es being suitable for the	lant where the light on occurs in whole nat push spans to the solemn field of it made under this solemn	
	declaration conscientiously be	lieving it to be true, and kno	wing that it is of the same force and e	fied of it made under tush.	
	Signature of Declarer:	and the		T WOTARY RA	
	Declared before me at	OFICE NC.	USETHI	SPACE FOR BALL	
		NEWBER AD 20	OFF	A I APUIGIAGA I CO	
	Commissioner of Oaths	0 7/1		18	
	or Notary Public: (sign)	1/n Add		GHAM COUNTRY	
		This sps	ce for Regulatory Authority use	······································	
	This	registration must be revalid:	ated after ten (10) years from the date	of acceptance.	
	CRN: 0C23760.2		ACCEPT	TED	
			PROVINCE OF PRINCE	EDWARD ISLAND	
	FID#: 1704		COMMUNTTIES, LAND	& BIMAIROHAIDA	
			CRN OCOS	760,29	
	Notes:  1. All fittings shall be registered	I in the name of the Manufactus	V	19 2024	
	2. Each category shall be supp	orled with two Statutory Decial	ution DATE:	à	
	forms and one copy of supporting.  3. The disclaration shall be made	se py the belson having full aut	hority and	4 cC	
	annoughlists for the suspiles of the	ha and product.	THE PARTY OF THE P	/ICES SECTION	
	4. Quality control programs sha at a maximum interval of five (5	) <b>Aogis:</b> In de lastabilités lot amégracie	BOILER PRESSURE	VESSEL BRANCH	

		ZICANIA SECULIA	ON I ONIN FOR THE REGIS	INATION	ar filling	<u>DESIGNS</u>
	NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES		EWFOUNDLA	ND AND LABRADOR
	MANUFACTURERS NAME: She	nghal Rego Flow Technol	logy Co.,Lid.			
			Chuansha Road, Pudong New Area.	Shennhal P	D China	
	PLANT LOCATIONS: 34th Build	ing, No.6999, Chuansha f	Road, Puttong New Area, Shanghal I	PR China	TT. GIUID	
_	CATEGORY OF FITTI	NGS TO BE REGISTERE	D. CIRCLE ONE CATEGORY ONLY	(	TIME OF THE ST	ANDARD OF CONSTRUCTION
00000000	B Flanges: all flanges C Valvas; all line valves D Expansion joints, fleidble conr S Strainers, filtere, separators, a F Measuring devices, including pressure transmitters G Certified capacity-rated pressure bollons, pressure vensels, pipi H Pressure retaining component	nections, and hose asseming steam traps oressure gauges, level gar ure relief devices acceptating and fusible plugs at that do not fall into one o	biles; all types  ugas, sight gleases, levels, or  nio as primary over pressure protection  of the above categories	in an	48ME B31.3 E	D 2022
0	N Nuclear components: Class 1	□ Class 2 □ Class 3 □	I. (Meeting CNSC or ASME requirem	nenta)		
	SHOW MANUFACTURERS NAM	E, TRADEMARK, OR LO	GO AS IT WILL APPEAR ON THE P	RODUCT	FORCED WELL CAST OTHER DESCRIBE OTHER Maching, Ca	•
	LIST OF SUPPORTING DOCUM See Scope Document 19975s-1	ENTATION AND IDENTIF	FICATION OF THE ACTUAL ITEMS	TO BE REG	STERED:	
	Scope document: 19975s-1					
	my knowledge represents the plemperature ratings, and identifemanufacture of these fittings is or in part and has been verified declaration conscientiously believed the second of the s	the end product do sole product for which regist lication markings are in regulated by a Quality l by COS	knowing that it is of the same for	contained in materials of the standard of the	n this form is if construction is. I further de la where fabric	true and to the best of n, pressure clars that the
ſ	60		space for Regulatory Authority use	URI	innumming.	
		gistration must be reve	lidated after ten (10) years from	NOVA SC		<b>A</b> .
- 1	CRN: 0C23760.2	_				8
	FID#: 1704			le Jan.		. 0
-	(166,		C.R.N.	OCS	3760.	28_
	Notes:  1. All fittings shall be registered it  2. Each category shall be supporting  3. The declaration shall be made responsibility for the quality of the  4. Quality control programs shall  at a madmum interval of five (6);	ted with two Statutory Der documentation. by the person having full rend product. be resubmitted for validat	deration Signed authority and		irt	Fittings Rev. 1 06/2003
- 4	my m atomication in company on trans (0)	1		18	C. LAKE	

Feb. 30 - Fittings Rev. 1 06/2003

	NUNAVUT	NOVA SCOTIA YUKON		DWARD ISLAND EST TERRITORIES	NEWFOUNDLAND AND LABRAD	OR
	MANUFACTURERS NAME: E	ngineered Controls Internal	lional, LLC			
	MANUFACTURERS ADDRES			States of America		-
	PLANT LOCATIONS: 100 Res	gO Drive, Elon, NC 27244,	United States of A	merica		_
	CATEGORY OF FIT	TINGS TO BE REGISTER	ED. CIRCLE ONE	CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTS	METION
00	A Pipe fittings, including coup B Flanges: all flanges	lings, tess, elbows, Ys, plur	js, unions, pipe ce	ps, or reducers		
0	C Valves: all line valves				ASME 831.3 ED 2022	
00	D Expansion joints, flexible co E Strainers, filters, apparators	anactions, and hose assen	iblies: all types			
ŏ	F Measuring devices, including	g pressure gauges, level ga	uges, sight glasse	s, levels, or		
0	G Certified capacity-rated pre-		-	•	1	
	bollers, pressure vessels, p	laina and fusible aluas		·	1	
0	H Pressure retaining compone	ents that do not fall into one	of the above cate	goriea		
0	The state of the s	1 Class 2 D Class 3 [	☐, (Meeting CNS	or ASME requirements)		
- //	SHOW MANUFACTURERS NA	ME, TRADEMARK, OR LO	OGO AS IT WILL	APPEAR ON THE PROD		
	Age and				FORGED WELDED WINDWHT	
			17 / 3	The state of the s	DESCRIBE OTHER:	
				MASSAL STATE OF THE PARTY OF TH	Machining, Casting	
	LIST OF SUPPORTING DOCU	IMENTATION AND IDENT	EICATION OF TH	E ACTUAL ITEMS TO BE	E DECISTEDED.	
	See Scope Document 19975s-		i ion non or it	C AUTURE ITEMS TO B	E REGISTERED.	
1	Scope document: 19975s-1					
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	DECLARATION:	transmiss as automisses	ari has Cambanasad	Cantago Islamaliana emi	being the person having full autho	
- (	responsibility for the quality of	of the end product do sol	emnly declare th	at the information contr	sined in this form is true and to the	nıy anı best ol
- 1	my knowledge represents the	e product for which reals	Ination is sought	The dimensions, mate	erials of construction, pressure	
- 1	lamperature ratings, and ider manufacture of these filtings	tilification markings are in	accordance wi	in the herein named ats	mdards. I further declare that the	a alle mil as
ě	or in part and has been verific	ed by DOS	Consul Frogram	as being suitable to	indards. I further declare that the h plant where in brigation occurs in or that picous example the this sola defect on it made urses (but).	wnoie ma
•	declaration conscientiously b	elieving it to be true, and	knowing that it	is of the same force an	d effect all if made unless (tath.	
	Signature of Declarer:	5 1 1/6	1		TADI. OF	
	7	1			A MOUNTY WE	
	Declared before me at	V/100 111	2.02	USETH	TI E	-
		DUTTOPER AD	2013	OF	LAND I VANBILOV I CO.	
	Commissioner of Oaths	1 16/2			Charles of the	
- 5	or Notary Public: (sign)	pt - 1			GHAM COUNTERED	
- [	1		space for Regula			
-	This	registration must be rev	alidated after ter	(10) years from theid:	ne of acceptance.	
- 1	CRN: 0C23760.2			NOVAS	ZOTIA AITOS	
-1		to the total and		Date Jan	1 11 21	
- 1	FID#; 1704			-		
- 1				C.R.N. OC 2	3760.28	
- 1	Notes; 1. All fittings shall be registere:	d in the name of the Manuf	ectoner.	Dwg. as d	scribed	
- [	2. Each category shall be supp	ported with two Statutory De		-		
- [	forms and one copy of support 3. The declaration shall be ma	ng documentation.	i authority and	Signed	100	
-	responsibility for the quality of t	the end product.		(A)	of L	
- 1	4. Quality control programs she at a maximum interval of live (		don	101	art. Soot .0 - Fittings Rev. 1 06	/2003
- 1	and an automobite first in special and the special state of the special	il brain:				

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, Pur	udong New Area, Shanghai, P.R. China				
PLANT LOCATIONS: 34th Building, No.6999, Chuansha Road, Pudong New A	Area, Shanghal, P.R. China				
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CA					
A Pipe fittings, including couplings, teas, albows, Ys, plugs, unions, pipe cape, B Flanges: all flanges	s, or reducers				
C Valves: all line valves	ASME B31.3 ED 2022				
D Expansion joints, flexible connections, and hose assemblies: all types	- 110 mm = 0 110 mm = 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
E Strainers, filters, separators, and steam traps  F Measuring devices, including pressure gauges, level gauges, sight glasses, i	lavely or				
pressure transmitters					
G Certified capacity-rated pressure relief devices acceptable as primary over p boilers, pressure vessels, piping and fusible pluces	pressure protection on				
H Pressure rataining components that do not fall into one of the above categori	ries				
N Nuclear components: Class 1 □ Class 2 □ Class 3 □, (Meeting CNSC or					
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APP					
ATTENDED, ATTENDA ATTENDED AND TO THE	FORGED   WELDED   WROUGHT   CAST   OTHER				
	DEBCHRIE OTHER:				
	Machining, Casting				
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE A	ACTIVAL PURMS TO BE DECIDENT				
See Scope Document 19975s 1	ACTUAL TIEMS TO BE REGISTERED:				
Scope document: 19975s-1					
	•				
DECLARATION:	•				
Zac Rubeor (see note a) employed by Shanghai Reuc responsibility for the quality of the end product do solemnly declare that	o Flow Technology and being the person having full authority and				
my knowledge represents the product for which registration is sought. The	The dimensions, materials of construction, pressure				
temperature ratings, and identification markings are in accordance with ti	the herein named standards. I further declare that the				
manufacture of these fittings is regulated by a Quality Control Program wor in part and has been verified by COS	which extends to each plant where fabrication occurs in whole as being suitable for that will be used I make this solemn				
declaration conscientiously believing it to be true, and knowing that it is o	of the same force and the case in the same this solemn				
1 101	SOL SOL				
Signature of Declarer:	Z NOTARY THE				
Declared before me at	USET IS SPACE FOR				
This 30 TH day of Novimps AD 2023	OFFICACION FA				
Commissioner of Oaths	Freuing Wilde				
or Notary Public: (sign)	11377				
This space for Regulatory	Authority uses				
This registration must be revalidated after ten (1	10) years from the date of acceptance.				
CRN: 0C23760.2	REGISTRATION ONLY				
	CRN OC 23760,27				
FID#: 1704	CRN CONTINUE				
	0 0				
Notes:	Dan Cuns				
All fittings shall be registered in the name of the Manufacturer.     Each category shall be supported with two Statutory Declaration	CHIEF BOILER INSPEC				
forms and one copy of supporting documentation.	1/19/20				
3. The declaration shall be made by the person having full authority and	DATE				
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.	BLRS PVsSect. 1.0 - Fittings Rev. 1 06/2003				
	FITTINGS   NUCLEAR COMPOSITATES				

**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, United States of America PLANT LOCATIONS: 100 RegO Drive, Elon, NC 27244, United States of America CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY TITLE OF THE STANDARD OF CONSTRUCTION A Pipe fittings, including couplings, tass, elbows, Ya, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves ASME B31.3 ED 2022 D Expansion joints, flexible connections, and hose assemblies: all types 0 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 O boilers, pressure vessels, piping and fusible plugs O 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) SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT TYPE OF CONSTRUCTION PORGED WELDED WINDUGHT CAST OTHER C OTHER: Machining, Casting LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: See Scope Document 19975s-1 Scope document: 19975s-1 DECLARATION: (see note a) employed by Engineered Controls internations and being the person having full authority and Zac Rubeor 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 tables in whole or in part and has been verified by pos as being suitable for that purios part this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect and made under the Signature of Declarer: Declared before me at USETHI This 3078 day of November de AD Commissioner of Oaths or Notary Public: (sign) DEPT OF JUSTICE PO This space for Regulatory Authority user & PRESSURE VESSEL A
This registration must be revalidated after ten (10) years from the date of acceptance. REGISTRATION ONLY CRN: 0C23760.2 FID#: 1704 Notes: CHIEF BOILER INSPECTOR 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

**□ BLRs** 

FITTINGS

at a maximum interval of five (5) years.

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

I NUCLEAR COMPONENTS

	NUNAVUT		PRINCE EDWARD (SLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
	MANUFACTURERS NAME: S	hanghal Rego Flow Technology Co	Lid	
	MANUFACTURERS ADDRES	IS: 34th Building, No.6899, Chuans	ha Road, Pudong New Area, Shanghal,	P.R. China
	PLANT LOGATIONS: 34th Bu	Ading, No.6999, Chuansha Road, P	urione New Arts Shanchel P.P. Chice	
	CATEGORY OF FIT	TINGS TO BE REGISTERED. CIR	CLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
0000000	C Values: all the values  D Expension joints, flexible or  E Strainers, filess, securation	Riga, taus, elbows, Ya, pluje, unior uniocitoris, and fices essemblies; a , and sleam trage g pressure gauges, lovef gauges, si	4 typen	ASME B31.3 ED 2022
_	4.1 x 36"141 x 3.14 3 x 4 4 1 1 1 1 1 1 1 1			1
0	G Contilled capacity-rated pre- beliess, pressure vesuels, p	saure relief devices socieptable se p	dimeny over pressure protection on	1
0	H Pressure retaining compone	with that do not fell lote one of the si	same enforceries	1
미	N Nuclear components: Class	1 🗆 Class 2 🖾 Class 3 🗓, (Mac	ding CNEC or ASME recolesments)	
1	SHOW MANUFACTURERS NA	ME. TRADEMARK, OR LOGO AS	IT WILL APPEAR ON THE PRODUCT	TYPE OF COMMISSION
	photos and the same of the sam			CAST COMES CO MINDER CO
		1551		
				Machining, Casting
1	LIST OF SUPPORTING DOCI	IMENTATION AND IDENTIFICATE	ON OF THE ACTUAL ITEMS TO BE RE	
1	Ses Scope Document 19975s		OF THE ACTUAL TIERS (O SE RE	THE PROPERTY.
1	Scape document: 19975s-1			
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i i i i i i i i i i i i i i i i i i i	ny knomedge represents the emperature relings, and iden naminacture of these fillings of in part and has been verifications of the conscientiously be a conscientiously because of the conscientious and the conscien	i the end product do ademnly d a product for which registration is diffication markings are in accord is regulated by a Quality Contro ad by cos	ectors that the information contained a nought. The dimensions, material fance with the herein named stands i Program which extends to each pla as being suitable for the	ng the person having full sutherly and d in this form is true and is the best of a construction, pressure rote. I further decises that the ant where fabrication occurs in whole this solemn actils in the construction of the con
	Agnature of Declarer:	hard Kl		WOTARY SANTON
C	Declared before one at	DEION NC	USETATS	SPACE FOR
	this day of	buinter 10 3023	<u>-</u> ○   FI	Call Aller C Call
C	commissioner of Daths	11/1 -	_ 38	-080-
0	r Notary Public: (sign)	1914		Grass CO
	0.0	This space (	or Regulatory Asthority use 32	AND PROPERTY OF THE PARTY OF TH
1		registration must be revelidated	alter ten (10) yes ( Ann Hath P	acceptance.
	CRN: 0C23760.2		Labrador	
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	1704		n. v	0.00
	Flos: 1704	milita.	Registered OC-2376	0.50
	r tow,	milita	Date Jan 19 2	Veo.
	Notes:  1. All fillings shall be registered.	In the name of the Manufacturer.	Date JOD 9	Ve0
	Notes:  1. All fittings shall be registered:  2. Each paleously shall be successed.	ented with last Statedow Doctorolles	Date JOD 9	Ve0
	Notes:  1. All fillings shall be registered: 2. Each category shall be suport forms and one copy of support 3. The decistation shall be ma-	orind with two Statetory Declaration ng documentation, do by the person having del authors	Engineering and inspections Registered by UNDER THE AUTHORITY	DO Y
	Notes:  1. All fillings shall be registered:  2. Each category shall be supported and one copy of supported and copy of supported and one copy of su	oried with two Statutory Decleration ng documentation, do by the person having tell authors he end product.	Engineering and inspections Registered by UNDER THE AFTROMITY OF PUBLIC SAFETY ACT A	F THE
	Notes:  1. All fillings shall be registered: 2. Each category shall be suport forms and one copy of support 3. The decistation shall be ma-	oried with iver Statutory Declaration ng documentation, de by the penson hunteng full authorit ha end product. at be resubmitted for validation	Date	F THE

PRINCE EDWARD ISLAND

NEWFOUNDLAND AND LABRADOR

NOVA SCOTIA

NEW BRUNSWICK

MOKIN TOKON NOKI	MEST TERRITORIES			
MANUFACTURERS NAME: Engineered Controls International, LLC				
MANUFACTURERS ADDRESS: 100 RegO Drive, Elon, NC 27244, United States of America				
PLANT LOCATIONS: 100 RegO Drive, Elan, NC 27244, United States of				
GATEGORY OF FITTINGS YO BE REGISTERED. CIRCLE O  A Pipe fillings, including couplings, tees, elbows, Ye, plugs, unlons, pipe		TITLE OF THE EYANGARD OF CONSTRUCTION		
) D Platoni: eliganos	Cape, or reducers			
C Valves; all ine valves D Expansion joints, flasible connections, and hose seembline: all types		ASME 831.3 ED 2022		
11 E Stricter, dista, sensitainte und elegen franc				
F Measuring devices, including pressure gauges, tevel gauges, sight gies pressure tresemitters				
G Certified capacity-rated pressure rater devices acceptable as primary bollers, pressure vessels, piping and fusible plugs	over preserve protection on			
H Pressure retaining components that do not fell into one of the above of	degories			
N Nucleur components: Class 1 🖸 Class 2 🗓 Class 3 🗓, (Meeting Cl	ISC or ASME requirements)			
SHOW MANUFACTURERS MAME, YRADEMARK, OR LOGO AS IT WIL	LAPPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION		
	<u></u>	CART CLASSING CO. AMORGIA C.		
		Maching, Casting		
	4			
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF	THE ACTUAL IVENS TO BE RE	HETERED;		
See Scope Document 19975s-1				
Scope document: 19975s-1				
	•			
responsibility for the quality of the end product do solemnly declare my knowledge represents the product for which registration is sout temperature ratings, and identification markings are in accordance manufacture of these fittings is regulated by a Quality Control Prog or in part and has been verified by pos declaration conscientiously believing it to be true, and knowing the Signature of Declarer:  Declared before me at  This 30° 18 day of Novina Della AD 20°3.  Commissioner of Oeths or Notary Public: (sign)	I that the Information contained (M. The dimensions, materials with the herein named standar ram which extends to each pleas being suitable for the it is of the same force and emulated the contained of the cont	of continuction, pressure vis. I further decises that the ut where fabrication occurs in whole		
	delaty Authority as (1)	- Contraction of the Contraction		
This registration must be reveileded after	Labrador	woodynarico.		
CRN: 0C23760,2	warn driff.			
Fide: 1704	Registered OC 23760	,20		
	Date Jan 19 20	T I		
Noing:	Engineering and Jaspic ton Serv	leas		
All filtings shall be registered in the name of the Memberheer.     Each category shall be supported with two Statutory Declaration	Registered by	(2)		
forms and one copy of supporting documentation,  3. The declaration shall be made by the person having full authority and	UNDER THE AUTHORITY OF			
responsibility for the quality of the end product.	PUBLIC SAFETY ACY AND			
Chapity control programs shall be residential for validation at a maximum interval of five (5) years.	THE BOILER, PRESSURE VESSE COMPRESSED GAS REGULATI	LAND		

	NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON		VARD ISLAND T 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 Buildi	PLANT LOCATIONS: 34th Building, No.6999, Chuansha Road, Pudong New Area, Shanghal, P.R. China					
_		NGS TO BE REGISTER			TITLE OF THE STANDARD OF CONSTRUCTION		
000	A Pipe fittings, including coupling B Flanges: all flanges	gs, tees, elbows, Ys, pl	ugs, unions, pipe caps,	or reducers			
0	C Valves; all line valves				ASME B31.3 ED 2022		
Ö	E Strainers, filters, securators, a	nd steam tracs					
0	F Measuring devices, including pressure transmitters	pressure gauges, level	gauges, sight glasses,	levels, or			
Q	G Certified capacity-rated pressu	ure relief devices accen	table es orimary over c	reasure orniection on			
0	Doriers, pressure vessels, pipi	no and fusible places			1		
o		Final do not les into on Class 2 (1) Class 3	le of the above categor	05 APMS			
7	SHOW MANUFACTURERS NAM	E TRADEMARK OR I	OGO AS IT WILL AP	FAR ON THE BROD	UCT TYPE OF CONSTRUCTION		
			SOUTH THE AU	EAR ON THE PROD	FORGED WELDED WROUGHT CAST OTHER C		
	Acobaco es				CAST   OTHER		
					Machining, Casting		
		· ·	To a second seco				
	LIST OF SUPPORTING DOCUM See Scope Document 19975s-1	ENTATION AND IDEN	TIFICATION OF THE	ACTUAL ITEMS TO B	E REGISTERED:		
	See Scope Document 189755-1						
1	Scope document: 19975s-1						
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ı							
	DECLARATION:				3€		
1	Zac Rubeor	(see note 3) Employ	ed by Shanghai Rego	Flow Technology an	d being the person having full authority an		
-	responsibility for the quality of t	he end product do so	demniv declare that	the information conf	lained in this form is true and to the best o lerials of construction, pressure		
-1	temperature ratinga, and identif	ication madonos are	in accordance with t	he herein named at	andaric I further declare that the		
	manufacture of these littings is:	regulated by a Qualit	ly Control Program v	hich extends to ear	th plant where fabrication occurs in whole		
- 1	or in part and has been verified declaration conscientiously beli	eving if to be true or	ad knowing that it is	as being suitable f	or that the beauting I make this solemn		
	1.	1101	o anomag sum trip t	in solino ionge en n	CONTROL PRINTED OF ORM.		
4	Signature of Declarer:	nd Kl		#.	W WARTON		
	Declared before me at	CEIDN NO		USET	S SPACE FOR		
7	This 30 TH day of No.	UTILA PER- AD_	7073	O <b>∭</b> F	FICALATO F &		
	Commissioner of Oaths	11/1		*			
	or Notary Public: (sign)	11/4			ACCOMPANY CONTRACTOR		
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1		gistration must be re	valioated alterten (1		ALL SIN OF		
1	CRN: 0C23760.2	•			BY STATE OF THE ST		
1	FID#: 1704				(S) (T)		
	rium.	-,1		1	5/ 51/2		
1	Notes:			1	CRN 0C23760.2Y		
ı	1. All fittings shall be registered in			1	\		
	<ol><li>Each category shall be support forms and one copy of supporting</li></ol>		eciaration	3	DA-E 01/23/2024		
	3. The declaration shall be made	by the person having for	ill authority and				
	responsibility for the quality of the 4. Quality control programs shall	be resubmitted for valid	lation		9011		
	at a maximum interval of five (5) y				Seet: 1.0 - Fittings Nev. 1 05/2003		
- 1							

	NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
	MANUFACTURERS NAME: Eng	ineered Controls International,	LLC	
	MANUFACTURERS ADDRESS:	244, United States of America		
	PLANT LOCATIONS; 100 RegO	Drive, Elon, NC 27244, United	States of America	
_			RCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
000	A Pipe fittings, including coupling B Flanges: all flanges	ja, tens, elouws, Ys, plugs, uni:	ons, pipe cape, or reducers	
<b>@</b>	C Valvas: all line valves D Expansion joints, flouble conn			ASME 831.3 ED 2022
ŏ	E Strainers, filters, separators, a	nd steam tracs		1
0	F Measuring devices, including p	nessure gauges, level gauges,	sight glasses, levels, or	
0	G Certified capacity-rated pressu	re relief devices acceptable as	primary over pressure protection on	1
O	bollers, pressure vessels, pipi H Pressure retaining component	ng and fusible plugs Is that do not fall lalo one of the	ahmia miamaina	
0	N Nuclear components; Class 1	□ Class 2 □ Class 3 □, (M	setting CNSC or ASME requirements)	1
	SHOW MANUFACTURERS NAM	E, TRADEMARK, OR LOGO A	S IT WILL APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION
		n. Allertainin Atainman America		PORGED   WELDED   WIRGUIGHT   CAST   OTHER   DESCRIPE OTHER
				Machining, Castino
		Committee of the latest the lates		wacimang, Casung
	LIST OF SUPPORTING DOCUM	ENTATION AND IDENTIFICAT	TION OF THE ACTUAL ITEMS TO BE RE	GISTERED:
	See Scope Document 19975s-1			
ĺ	Scope document: 19975s-1			
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	DECLARATION:			
1	Zac Rubeor responsibility for the quality of t	he end product do solemnly	declare that the information contains	ng the person having full authority and d in this form is true and to the best of
- 1	my knowledge represents the p	product for which registration	Is sought. The dimensions, materials	s of construction, pressure
-	remperature ratings, and identif manufacture of these fittings is	regulated by a Quality Conf	ordance with the herein named stands rol Program which extends to each ob-	ros. I turther declare that the
(	or in part and has been verified	by DOS	rol Program which extends to each pla as being sultable for the	at purposeums of the this solemn
- (	declaration conscientiously beli	eving it to be true, and know	ving that it is of the same force and ef	est of made under suh.
1	Signature of Declarer:	ind Teler		WOTARY RIT
1	Declared before me at	UKIAN NC	USETHI	SPACE FOR BALL
-	This 32-00 day of Nb	VEMBER AD 200	3OFF	A I ARUMICA I OF
(	Commissioner of Oaths	$\gamma \gamma $		Pa
4	or Notary Public: (sign)	1 Ad		GHAM COURT
	//		for Regulatory Authority use	- And HALLIMAN AND AND AND AND AND AND AND AND AND A
	This re	gistration must be revalidate	ed after ten (10) years from the date o	acceptance:
	CRN: 0C23760.2	_	128	
1	FID#: 1704		(3)	T
1	FIUR;	=	/G/ BY	12
1	Notes:		CRN	0C23760.2Y
	1. All fittings shall be registered in			1 1
	<ol><li>Each category shall be supporterms and one copy of supporting</li></ol>	documentation.	1	-E 01/23/2024
	3. The declaration shall be made	by the person having full author	nity and	/./
	responsibility for the quality of the 4. Quality control programs shall	be resubmitted for validation	60	Sect 7.5 Fildings Rev. 1 09/2003
	at a maximum interval of five (5)	years.	_	Ged. 1.0 Pillings Rev. 1 06/2003

5 5 5 7.0 Fillings Rov. 1 08/2003

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	Prince Edward Island North-West Territories	NEWFOUNDLAND AND LABRADOR				
MANUFACTURERS NAME:	MANUFACTURERS NAME: Shanghai Rago Flow Technology Co., Ltd.						
MANUFACTURERS ADDRE	MANUFACTURERS ADDRESS: 34th Building, No.8999, Chuansha Road, Pudong New Ares, Shanghal, P.R. China						
	PLANT LOCATIONS; 34th Building, No.6939, Chuanska Road, Pudong New Area, Shanghei, P.R. China						
	TYING9 TO BE REGISTERS	D. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION				
A Pipe Blings, lectuding could Flanges: all flanges C Values: all fine values D Expension joints, flexible s E Strainers, filens, separates	ASME B31.3 ED 2022						
E Etrainers, filtere, seperator P Messauring devices, includi procurse transmitters	ng pressure gauges, level gar						
Coeffied capacity-raind pressure relief devices acceptable as primary over pressure protection on acceptable as primary over pressure protection on acceptable plugs.  H Pressure relating components that do not fall into one of the above categories.							
N Nuclear components: Clar	n 1 [] Claux 2 [] Claux 3 []	I, (Mosting CNSC or ASME requirements)					
		GO AS IT WILL APPEAR ON THE PRODUC	PORCES   WELDER   WEDGET   CAST   OTHER S CENTRAL OTHER				
	'LELEIL	口。一	Machining, Casting				
LIST OF SUPPORTING DOC See Scope Document 19975e		FICATION OF THE ACTUAL ITEMS TO BE	NEGISTERED;				
Scope document: 199755-1							
my knowledge represents themperature retings, and let mentification of those fittings or in part and has been verificated on conscientiously legislature of Declarer.  Declared before me at	of the end product do sole to product for which registre product for which registre in the constitution are in a le regulated by a Quality led by cospelleving it to be true, and the cospelleving it to be true,	d by Shanchai Reno Flow Technolog, and be mady declars that the information contain sation is sought. The dimensions, materia accordance with the hardin named stam Control Program which extends to each as being suitable for knowing that it is of the same force and USET	ned in this form is true and to the best on als of construction, pressure dards. I further declare that the plant where fabrication occurs in whole				
R Notary Public (rign)	All I		Stones				
This appeal of Pregulatory Authority use This registration must be revelidated after ten (10) years from the date of acceptance.  Nothing							
CRN: 0C23760.2	a seftentement pares on loss	The state of the s	1				
FIDE: 1704		UNDER THE SOLER A DIES					
Notes: 1. All fillings shall be register. 2. Each category shall be register. 3. The declaration shall be re- responsibility for the quality of 4. Chamity control programs at a reservoir of two	ting documentation. ada by lite person having fail ( the end product. half be residentiad for validat	VESSEL ACT density C.R.N.O.C.2.3.760 suthern and SIGNET Control Ba	2.2T				
			163.00				

	NEW BRUNBWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LASRADOR				
ĺ	MANUFACTURIERS NAME: Engineered Controls International, LLC							
	MANUFACTURERS ADDRESS;	244, Unlind States of America						
Į,	PLANT LOCATIONS: 100 RegO							
	A STANCE OF THE PROPERTY OF THE PARTY OF THE		RCLE ONE CATEGORY ONLY	TITLE OF THE REAMBAND OF CONSTRUCTION				
Ò	A Pipe filings, including couplings, tees, albows, Ye, plugs, unions, pipe cape, or reduces							
000	B Finggen: all fingen G Values: all line values ASME B31,3 ED 2022							
0	D Expension joints, flexible coun E Strainers, Others, separators, in		all types	1				
ŏ	If Manualing devices, including a	namenus Gandos' jakėj Sandos' i	sight pleases, levets, or	1				
اه	pressure immeritians G Contifed consciously alease	res called slowless; accomplishin and	primary over planting projection on	1				
	bolissa, preseum vessale, pint	no and fusible plum		l i				
	H Pressure retaining component			1				
- 1			eding CHSC or ASSEE requirements)  8 IT WILL APPEAR ON THE PRODUCT	TYPE OF CONTINUENCH				
ì	ONDER SENTOPACTURERO NAME	E. HOLDEMANN, UN LUGO A	BIT WILL APPEAR ON THE PRODUCT	CANDEN D CONTON D CON				
1	Lane Comment		<b>—</b>	CENTRAL CONTRACT CO				
1	1200			Machining, Custing				
1								
Ì	LIST OF SUPPORTING DOCUM	ENTATION AND IDENTIFICAT	ION OF THE ACTUAL ITEMS TO BE RE	GRITERED:				
1	See Scope Document 19975s-1							
1	Scope document: 19975s-1							
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١			•					
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ı				1				
L								
	DECLARATION:							
T	Zec Rubsor exponsibility for the quality of ti	he end product do solemniv	declars that the information contains	ng the person having full authority and I in this form is true and to the best of				
1	ny knowledge represents the p	roduct for which registration	is cought. The dimensions, meterials	of construction, pressure				
U	emperature mlings, and identifi considerature of these fillings in a	ication markings are in acco	rdence with the herein named standa of Frogram which extends to each pla	ds. I further declare that the				
0	r in part and has been verified	by pos	as being suitable for the	t plant this solemn				
Ć	lectaration conscientiously beli	eving it to be true, and know	as being suitable for the ing that it is of the same force and ell	de la mede uma guit.				
F	liameture of Declarer: 4	_1 W/L		S HOTARY RA				
	lectured before me at	VEIDE NC	USETHI	SPACE FOR THE				
	his Read day of Abu	TOWARTE AD 2023		A LARLING VON LES				
	Commissioner of Oaths	7 1/		2				
	r Notary Public: (eign)	ch Ad		MONAM COUNTY				
r		This second	for Regulator Authority (188	A COUNTY OF THE PARTY OF THE PA				
1	PASTE		d after ten (10) years from the date of	acceptance.				
1	0000000		Ves V					
1	CRN: 0C23760.2	•	Northwest   Territories	\ 1				
1	Flork 1704		1	. \				
1		•	REGISTERCE	1 1				
1	Notes:		UNDER THE AUTHOR					
1	All littings shall be registered in     Each category shall be support	the came of the Maraketanes.	THE BOILER AND PHE VESSEL ACT.	LOGUNE				
	femous and one copy of stratterists	documentation.	A Comment	1-2-				
	3. The declaration shall be made	by the person having full multi-	C.R.N.OC73760	rely /				
	responsibility for the quality of the 4. Canality control programs shall I	one presented for velidaten	SIGNED Linea B	antin/				
1	at a maximum interval of five (6) y	outs.	DATE San 17/21	9 001 1.0 - Fillings Rev. 1 06/2003				
l.				2				

	NEW ERLINGWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWA MORTHWEST		NEWFOUNDLAND AND LABRADOR		
	MANUFACTURERS NAME: Shanghal Rego Flow Technology Co., Ltd.						
	MANUFACTURERS ADDRESS:	ai, P.R. China					
	PLANT LOCATIONS: 34th Building, No.6899, Chuanaha Road, Pudong New Area, Shanghal, P.R. China						
	CATEGORY OF FITTINGS TO BE REGISTERED, CIRCLE ONE CATEGORY ONLY INVESTMENT STANDARD OF SOMETHIC TOWN						
9	A Pipe fillings, including coupling	ga, tsex, albows, Ye, pluge, un	ioas, pipe caps, or	milionn			
9	C Values: all fine values		4.		ASME B31.3 ED 2022		
5	D Expension joints, finable conf E Strainers, filters, separators, s	and administration					
0	F Monacing devices, including parameters framewittens	prasauro gauges, level gauges,	sight glasses, lov	els, or			
٥	G Cutified capacity-rated pressu	ure relief devices acceptable as	s primary over pres	eure protection on	1		
٠,	bollors, pressure vasacia, pipi H Pressure retaining component	ing and fusible pluge			1		
	N Nuclear components; Class 1	El Chan 2 El Cinna 3 El A	I moove categories	PLAC consistence and t	1		
	SHOW MANUFACYUNERS NAM				TYPE OF COLUMN TRUCTION		
1	MANUAL PROPERTY AND ADDRESS OF THE PARTY OF	The second services of	Sell Tibel De Lie	TO THE LANDON	FOROMOTE WELDED TO WINDHGHT TO		
				_	SEASTERNIES.		
1					Machining, Casting		
	The articles and the	CONTRACTOR OF THE PARTY OF THE					
-	See Scope Document 19975s-1	IENTA HOR AND IDENTIFICA	ISM OF THE AC	THAL THES TO SE	REGISTERED:		
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	Scope document: 19975s-1				i		
					1		
Į							
	DECLARATION:				•		
- [	Zec Rubeor				being the person having full authority and		
	responsibility for the quality of my knowledge represents the				ned in this form is true and to the best of		
- (	temperalisre ratinga, and identi	fication markings are in soc	with rither constinue	herein named star	reside, I further declare that the		
1	manufacture of these littings is	regulated by a Quality Cor			plant where fabrication occurs in whole		
-	or in past and has been verified declaration consolantiously be	levino il to be true, and kno	wing that it is of	s boing suitable for the same force and	the solemn which was solemn		
	1.	1-101		1	Or Sell		
	Signature of Declarer:	at Kl		/3	WOTARY W		
	Declared before me at	CEION NC		USETAT	S SPACE FOR		
•	This 30 nd day of No	WENDER AD 70	23	0	PANO" OF		
	Commissioner of Onths	11/1		AFR W	TUVRAUN		
- 1	or Notary Public: (sign)	1111			Share Street and		
		This upo	ne for Regulatory A	nhone has c			
		ngistracci must be revalida	DES ESTE SON (10	MANUAL CO.	or accilination Vessels Act		
	CRN: 0C23760.2	_			REGISTERED		
	FIDS: 1704				The second second second		
	FILES.	CRN_OC			23760,2N		
	Notes: Date Ju			in 19,2024			
	1. All Stings shall be registored in the name of the Manufacturer. 2. Each category shall be exported with the Striatory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the purson having full extinctly and						
				(MI) A			
				Chief Inspector			
	A Shall a second process and the second seco						
	et a madmun interval of five (8) years.  Sect. 1.0 - Fittings Rev. 1 06/2003  Territorial Registration Fee						
					Hair-Teylariation Fee		
				International Property of the Parket	Y-		

	NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE BOWAR NORTHWEST TI		NEWFOUNDLAND AND LABRADOR	
	MANUFACTURERS NAME: Eng					
MANUFACTURERS ADDRESS: 100 RegO Drive, Elon, NC 27244, United States of America						
		NEW TO BE RECEIVED.	EO, GINGLE ONE GATE		дин от эте становно от основностоя	
000	A Pipe fittings, including coupling # Flanges; all flanges	ga, tees, elbours, Ys, pluj	ps, unions, pipe caps, or s	educers.		
ĕ	C Veluus: all line valves				ASME B31.3 ED 2022	
Ö	D Expansion joints, flexible conn E Straingra, filiera, separatora, a		bles: all types			
ŏ	F Meanuring devices, including a	messuro gauges, level ge	uges, sight glesses, level	is, or		
0	pressure transmitters G Cartified capacity-raised pressu	are railed devices accepts	hin as oriens or over come	um protection on		
	botiers, pressure vensels, pipi	ng and fusible oluga			1	
0	H Pressure retaining component N Nuclear components: Class 1	That do not fell into one	Of the above categories	ME manufacture at at		
	SHOW MANUFACTURERS NAM				TYPE OF CONSTRUCTION	
	Delinera michiga kan daranan makin	25_LOCKSHICINGS, NO. 14	SNOVEN IL TELL PERCEN	N ON THE PROPERTY	STREET, THE SHOP IT SHOWING THE	
	631000				CAST CI CTHEM CI CENCINE OTHER:	
					Machining, Casting	
	LIST OF SUPPORTING DOCUM	RENTATION AND IDENT	HIGATION OF THE ACT	UAL ITEMS TO BE	HERST EAST.	
	See Scope Document 19976s-1					
	Scope document: 19975s-1					
H				•		
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	DECLARATION: Zac Rubeer	turn met és appalées	ad hu Englassed Contro	da latamatica a anti l	being the person having full authority and	
	responsibility for the quality of	the end product do so	learnity declare that the	information confe	med in this form is true and to the best of	
	my knowledge represents the	product for which regis	tration is cought. The	dimensione, meter	iels of construction, pressure ideads. I further declare that the	
	manufacture of these tittings is	peculated by a Charlis	Control Program white	th extends to each	plant where feldcation occurs in whole	
	or in part and has been verified	by Dos	81	being suitable for	that plus begang a this solemn emph out it made under out.	
1	oeciaration councientsonery per	loving it to be true, an	Culturowand mass at an extension	IN ENTRY TOTAL BING	engingers made under page.	
	Signature of Declarer:	Laft Tel			THY YEATON THE	
	Declared before me at.	OFTIEN N	<u></u>	USETHI	SPACE FOR BULL	
	This 30 of Ab	NEWBEL AD	2523	OFF	A I ARUBUCA I OF	
	Commissioner of Oaths			ART .	The state of the s	
	or Notary Public: (sign)	ffre Ad		PA	WALL COLLEGY U	
	1/	Th	s apace for Regulatory As	the state of	Soilers and	
	Tàris त	egistration must be re-	ralidated after ten (10)	NULTEN STORT BE COM	e of escaphics oure Volsels Act	
	CRN: 0C23760.2	1000				
	FID#: 1704				REGISTERED	
	HUS IIVT	_		CON OC	,23760,2N	
	Notes:					
	All fittings shall be registered     Each estagory shall be support	in the name of the Manu wind with hen Statistism D	factorer. lackreifes	Date UC	v 18 3037	
	forms and can copy of supporting	a documentation.		Signed	Bak.	
	3. The declaration shall be mad responsibility for the quality of the		HI WICHNIES WAS		Onief/Inspector	
	4. Quality control programs shall	il be resubmitted for valid	istion		Shiel hispector	
	at a maximum interval of five (5)	Addig.			water too - resemple trave. I was green	

Territorial Registration Fee