

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

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

PRESSURE VESSEL ENGINEERING B-120 RANDALL DRIVE WATERLOO ON N2V 1C6 CANADA **Date:** March 19, 2021

Account #: 45363 **Journal #:** 77532

Attn: MARY

Re: Application for Design Registration

The design, as detailed in your, PVE-16046, for a Fitting is accepted for registration as follows:

Registered To: ENGINEERED CONTROLS CRN: 0C23013.51

INTERNATIONAL LLC

Drawing #:16046S-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 19-Feb-2031. 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 TSSA CRN# 0C23013.5 registration shall apply to BC registration.

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

Emilia Tam

emilia.tam@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

March 15, 2021

Attention: Catherine Diplock

PRESSURE VESSEL ENGINEERING INC

120 RANDALL DRIVE SUITE B WATERLOO, ON N2V 1C6

The design submission, tracking number 2021-00909, originally received on February 22, 2021 was surveyed and accepted for registration as follows:

CRN:

0C23013.52

Accepted on: March 15, 2021

Reg Type:

NEW DESIGN

Expiry Date: February 18, 2031

Drawing No.: CD28 SER, REV.A; SCOPE 16046S-1, REV.0

Fitting type: CHECK VALVE 3/4 X 1 NPTF

Design registered in the name of: ENGINEERED CONTROLS INTERNATIONAL LLC

Description

MAWP

Design Temperature

MDMT

Internal Pressure

3309kPa

74 °C

-40 °C

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

As indicated on AB-41 Statutory Declaration 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 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 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 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.

DOP Cert. No. D00005217

Page 1 of 1 2021-00909



Pressure Vessel Engineering Ltd.

ACI

Alberta

Ontario

Quebec Saskatchewan

British Columbia Manitoba

120 Randall Drive Suite B, Waterloo, Ontario, Canada, N2V 1C6 Phone: 519-880-9808 • Fax: 519-880-9810 • Web: www.pveng.com

Pressure Vessel Engineering 120 Randall Drive, Suite B Waterloo, Ontario N2V 1C6

Feb 22, 2021

Alberta Boilers & Safety Association 9410-20th Avenue N.W. Edmonton, AB Canada, T6N 0A4

Drawing #: Refer scope 16046s-1 R0
PVEng Reference #: PVE-16046
Dear Pressure Equipment Survey Engineer:

Please find enclosed a CRN application on behalf of the manufacturer noted below for a fitting registration.

Manufacturer: Engineered Controls International LLC

100 Rego Drive

Elon NC

USA 27244

Enclosed: 1. Cover Letter

2. Provincial Applications Form(s)

- 3. Scope Document4. Detailed Drawing(s)
- 5. Calculations
- 6. Manufacturer's Quality Control Certificate

7. Statutory Declaration Form(s)

If there are any questions regarding this submission, please contact crns@pveng.com for administrative assistance or use the contact below for technical clarifications.

Best Regards,

Kashan UI Hasan # (519) 880-9808 x 229 @ kuh@pveng.com Ben Cameron

Danial Evan Farid

<mark>Jakub</mark> Kashan

Kashan Martin Matt Mehdi Michael Ray Steve Valentina



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

REGISTRATION OF A PRESSURE FITTING DESIGN

08-Mar-21

Pressure Vessel Engineering Ltd. 120 Randall Drive, Suite B Waterloo, ON N2V 1C6

Attention: Catherine Diplock File Number: 11934 [0 F]

Re: Manufacturer: Engineered Controls International LLC

Item: Check Device

Catalog or Drawing: Scope for Registration: 16046s-1 RO

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:

OC23013.53 Expiry Date: Febuary 18, 2031

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.

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

This fitting can be manufacturerd by Shanghai Rego Flow Technology Co., Ltd.

A statutuory declaration form, TSK-1008, stamped and signed by a commissioner of oaths, must be submitted to TSASK.



Inspection and Technical Services
Municipal Relations
508-401York Ave
Winnipeg, Manitoba Canada R3C 0P8
T 204-945-3373 F 204-948-2089
www.fireccomm.gov.mb.ca/itsm_main

2/23/2021

Pressure Vessel Engineering Ltd. 120 Randall Drive, Suite B Waterloo, ON N2V 1C6 CA

Dear Catherine Diplock

Re: Reciprocal CRN Registration in Manitoba

Your application indicates that a CRN has been received in another Canadian Jurisdiction, and therefore your CRN has been registered in Manitoba as follows:

File Number: 74-R1317 CRN: 0C23013.54

Scope: Refer to Scope 16046s-1 R0

Manufacturer: Engineered Controls International LLC

Expiry Date: 18/Feb/31

Please find attached invoice for registration.

As indicated by the Regulatory Reconciliation and Cooperation Table and the Reconciliation Agreement for the Canadian Registration Number (CRN) for Pressure Equipment, a CRN issued in any Canadian Jurisdiction will be accepted for use in Manitoba.

In accordance with Steam and Pressure Plants Regulation and CSA B51, it is the manufacturer's responsibility to file a Manufacturers Data Report, including partial data reports, with our office, prior to shipping pressure equipment to Manitoba.

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

Inspection and Technical Services Municipal Relations 508 - 401 York Avenue, Winnipeg Manitoba R3C 0P8 T (204) 945-3373 | F (204) 948-2089



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



	STAT	TUTORY DECLA Registration of Fittin	transcential activities than to re-	
I, Zachary Rubeor	Design Engine	aer.		
e, Zaonary rabout		sition, e.g. President, Plant Manager, Ch.	ief Engineer)	
of Engineered Contro	ale International III C			
Of Engineered Contro	international LEC	(Name of Manufacturer)		
Located at 100 R	ego Drive, Elon, NC 27244, USA (Plant Address)		(Telephone No.)	(Fax No.)
	A consistence of the constraints	reunder, which are subject to the		
and the second s				
which specifies		of recognized North American Standard) struction, pressure/temperature rat		the fittings and service;
ASME B31.3 2 pressure/tem	2018 Edition as supperature ratings and the basis for	ognized North American standa oported by the attached data whic or such ratings, the marking of the	th identifies the dimension e fitting for identification a	ns, material of construction and service.
		s is controlled by a quality system		
		owing authority, DQC Inc.		
	this declaration, for which I seek re lowing information and/or test data	egistration, are category <u>C</u>		_ type tittings. In support of
	-1 R0, scope document # 16046s-			
Galediation # 100400		rawings, calculations, test reports, etc.)	CONSTRUCTION CONTINUES CON	THE ACTION AND THE CONTRACTOR OF THE CONTRACTOR AND ANY SECRETARIAN CONTRACTOR AND ANY SECRETARIAN CONTRACTOR AND ANY
Declared before m	e at	in the		of
the	day of	_AD		
Commissioner for	Oaths:			
(F	Printed name)		1	17/
	Oi wat was		maly 1	LLA
(Signature)		(Signature of D	eclarer)
		FOR OFFICE USE ONLY		
Technical Standard	owledge and belief, the application is and Safety Act, Boilers and Prond is accepted for registration in the saccepted for registration in the	ressure Vessels Regulation, and	Technical Standards and Safety Authority	Boilers and Pressure Vessels Safety Program
CRN:	0C23013.5		REGIS	TERED
Registered by:	NORMAN NGAI	CONTRACTOR SCHOOLS	C.R.N.: 0C23013	.5
Dated:	Feb. 18, 2021.		Signed: Nowm	<i>V</i>
NOTE: This regist	ration expires on:	o. 18, 2031.	Date: Februar	ry 18, 2021.



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, Zachary 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 6999 Chuansha Rd., B11, Chuansha Industry Park Shanghai, China (Plant Address) (Telephone No.) (Fax No.) do solemnly declare that the fittings listed hereunder, which are subject to the Technical Standards and Safety Act, Boilers and Pressure Vessels Regulation, comply with all of the requirements of (Title of recognized North American Standard) which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service; or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with ASME B31.3 2018 Edition as supported by the attached data which identifies the dimensions, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service. I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of _____ ISO 9001:2015 which has been verified by the following authority, CQC The items covered by this declaration, for which I seek registration, are category C type fittings. In support of this application, the following information and/or test data are attached as follows: Calculation # 16046c-1 R0, scope document # 16046s-1 and Main dwg# CD28-SER (drawings, calculations, test reports, etc.) Declared before me at ______ in the ______ of _____ _____ day of _____ AD . Commissioner for Oaths: (Printed name) (Signature) (Signature of Declarer) FOR OFFICE USE ONLY To the best of my knowledge and belief, the application meets the requirements of the Technical Standards and Safety Act, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category CRN: Registered by: Dated: NOTE: This registration expires on:



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

www.tssa.org

February 18, 2021

CATHERINE DIPLOCK
PRESSURE VESSEL ENGINEERING LTD.
120 RANDALL DR SUITE B
WATERLOO ON N2V 1C6
CA

Service Request Type: BPV-Fitting Registration

Service Request No.: 3000504 Your Reference No.: 16046 Registered to: REGO PRODUCTS

Dear CATHERINE DIPLOCK,

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

CRN No.:

0C23013.5

Main Design No.:

REFER TO SCOPE 16046s-1 R0

Expiry Date:

18-Feb-2031

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

Note:

Please refer to scope for detail of registration.

Two manufacturing locations.

The stamped copy of the approved registration and the invoice are mailed separately. Should you have any questions or require further assistance, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Norman Ngai, P. Eng.

Mechanical Engineer
Boilers and Pressure Vessels
Safety Program

Tel.: 416-734-3557 Fax: 416-231-6183 Email: nngai@tssa.org

www.tssa.org



ENGINEERED CONTROLS INTERNATIONAL LLC

100 Rego Drive, Elon, NC 27244, USA Phone: +1-336-446-7219 Web: www.regoproducts.com

Doc: Ref: 16046s-1 R0 PVE-16046

Scope for Registration

The scope of registration for this project includes the documents and design dated noted herein. (Cat. C fitting)

Design Code: ASME B31.3 2018 Edition

THIS IS PART OF CRN

0C23013.5

Technical Standards and Safety Authority Boilers and Pressure Vessels Safety

						Program			
Category	Series/Family Part Number	Description	Listed Part Numbers	Connection Size	Drawings	Material	Min Temp (F)	Max Temp (F)	Max Design Pressure (PSI)
					CD28 SER	n/a			
					CD28-1	ASTM B283, UNS C37700 BRASS			
Type C			CD28	3/4 NPSM X		ASTM B16, UNS C36000 BRASS			
Fitting	CD28 SER	Check Device	CD28T	1 NPTF	701293	ASTM B16, UNS C36000 BRASS	-40	165	480
					11550- 417	ASTM B16, UNS C36000 BRASS			
					11550-	ASTM B283, UNS C37700			
					160	BRASS			

Calculations

• 16046c-1 R0

QC Certificate:

QC Certificate ISO 9001:2015 and notarized statutory declaration form

Holder Information:

Name: Engineered Controls International LLC Address: 100 Rego Drive, Elon, NC 27244, USA Company Contact: Zachary Rubeor, Design Engineer

Contact Phone: 1-336-446-7219

Contact Email: zrubeor@regoproducts.com

Manufacturing Locations:

All CRNs should be assigned to Engineered Controls International LLC, but some subsidiary companies may be listed on the attached quality certificates. For simplicity, the subsidiary's name is also listed in this document in association with its manufacturing location. Please register all products for production at both facilities.

- 1. Engineered Controls International LLC (ECII) 100 Rego Drive, Elon, NC 27244, USA
- 2. Shanghai Rego Flow Technology Co., Ltd. (ECII China) 6999 Chuansha Rd., B11, Chuansha Industry Park Shanghai, China



Montréal, le 1 avril 2021.

MRS. CATHERINE DIPLOCK
PRESSURE VESSEL ENGINEERING LTD
120 RANDALL DR., SUITE B
WATERLOO ONTARIO
CANADA N2V 1C6

Manufacturer: ENGINEERED CONTROLS INTERNATIONAL INC.

100 REGO DRIVE

ELON NORTH CAROLINA

U.S.A. 27244

OUR REFERENCE: 949876

Design number: REFER SCOPE 16046S-1 R0

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): **0C23013.56.**

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



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.qc.ca/fittings-pv.

C BOOK WATER			PROBLEM			
1. Fit	t d l a ?	A [-10	1 a 100	160 0	गरन	2-13
	<u> </u>		13°88	The sale	LP-A	9,94 8

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

Nº Description	Additional information (detail, calculations or approval sheets)
refer scope document: 16046s-	1 Calculation # 16046c-1 R0
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.

I, the undersigned, Zachary Rubeor	Design Engineer
(Name of the person in charge)	(Title of the person in charge)
from Shanghai Rego Flow Technology Co., Ltd., located at 69	999 Chuansha Rd., B11, Chuansha Industry Park Shanghai, China
(Company's name)	(Plant's address)
hereby declare that the above-mentioned fittings and subjec	et to the Regulation respecting pressure installations:
comply with the requirements of the ANSI/ASME codes a	as to their dimensions, identification, material and purpose
	mpliance with ASME B31.3 2018 Edition
	mpliance with ASME B31.3 2018 Edition (Name of code or standard)
are not covered by the ANSI/ASME codes, but are in con	
are not covered by the ANSI/ASME codes, but are in concode or standard and are designed according to the best cur	(Name of code or standard)
are not covered by the ANSI/ASME codes, but are in concode or standard and are designed according to the best cure. 2.2 Manufacturing quality control	(Name of code or standard) rrent engineering practice, as proven by the enclosed approval report.
are not covered by the ANSI/ASME codes, but are in concode or standard and are designed according to the best cure. 2.2 Manufacturing quality control If further declare that the manufacture of these fittings is control following code: ISO 9001:2015 , and has been veri	(Name of code or standard) rrent engineering practice, as proven by the enclosed approval report. rolled by a quality control program that complies with the requirements of the
are not covered by the ANSI/ASME codes, but are in concode or standard and are designed according to the best cure. 2.2 Manufacturing quality control I further declare that the manufacture of these fittings is control	(Name of code or standard) rrent engineering practice, as proven by the enclosed approval report. rolled by a quality control program that complies with the requirements of the

3. Declaration of commissioner for oaths

I certify that this declaration has been administered before me, at		, on
rectify that this declaration has been administered before me, at	(Location)	(Date (yyyy-mm-dd)):
Signature of commissioner for oaths:		Date (yyyy-mm-dd):
Stamp the seal:		

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

accepted for registration in the class	ments of the Act and with standard CSA B51, Part 1, section 4.2, and is registration indicated above, and it must be validated again after this period.
Canadian registration number (CRN):	Registration date (yyyy-mm-dd): C23013.56 Régie du bâtiment 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)
- Proof that a valid and approved quality control program has been implemented (1 copy)
- · Form Application for design registration (1 copy)

Sending the form

This declaration is mandatory in order to submit an application registration of fittings. Application registration for fittings must only be sent by mail to this address: Bureau d'expertise et d'homologation en équipements sous pression Régie du bâtiment du Québec

545, boulevard Crémazie Est, 7e étage

Montréal (Québec) H2M 2V2



Statutory Declaration Registration of Fittings

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



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

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

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

Nº	Description	Additional information (detail, calculations or approval sheets)
1	refer scope document: 16046s-1	Calculation # 16046c-1 R0
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,	Zachary Rubeor	Design Engineer
-	(Name of the person in charge)	(Title of the person in charge)
from Engineered	Controls International LLC , located at 100 Re	ego Drive, Elon, NC 27244, USA
	mpany's name)	(Plant's address)
hereby declare that	the above-mentioned fittings and subject to the	e Regulation respecting pressure installations:
		neir dimensions, identification, material and purpose
are not covered	by the ANSI/ASME codes, but are in complian-	ce with ASME B31.3 2018 Edition
		(Name of code or standard)
code or standard a	nd are designed according to the best current e	ngineering practice, as proven by the enclosed approval report.
2.2 Manufacturing	quality control	ngineering practice, as proven by the enclosed approval report.
2.2 Manufacturing	g quality control It the manufacture of these fittings is controlled by O 9001:2015 , and has been verified by	ngineering practice, as proven by the enclosed approval report. by a quality control program that complies with the requirements of the
2.2 Manufacturing	quality control It the manufacture of these fittings is controlled in	ngineering practice, as proven by the enclosed approval report. by a quality control program that complies with the requirements of the

3. Declaration of commissioner for oaths

certify that this declaration has been administered before me, at		, on
	(Location)	(Date (yyyy-mm-dd)):
Signature of commissioner for oaths:		Date (yyyy-mm-dd):
Stamp the seal:		

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

As far as I know, this application complies with the recaccepted for registration in the class	quirements of the Act and with standard CSA B51, Part 1, section 4.2, and is
This registration expires in ten (10) years after the dat	e of registration indicated above, and it must be validated again after this period.
Canadian registration number (CRN):	Registration date (yyyy-mm-dd): Citiestistré au Québec Citiestistré au Québec Régie du bâtiment Québec
	Proport de conciliation III

Documents to attach

Any application registration for fittings must include these documents:

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

Sending the form

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

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

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

Régie du bâtiment du Québec

545, boulevard Crémazie Est, 7e étage

Montréal (Québec) H2M 2V2

(2019-04) A Régie du bâtiment du Québec Page 2 de 2

ENGINEERED CONTROLS INTERNATIONAL LLC



100 Rego Drive, Elon, NC 27244, USA Phone: +1-336-446-7219 Web: www.regoproducts.com

Doc: 16046s-1 R0 Ref: PVE-16046

The scope of registration for this project includes the documents and design dated noted herein. (Cat. C fitting)

Design Code: ASME B31.3 2018 Edition

Scope for Registration

Category	Series/Family Part Number	Description	Listed Part Numbers	Connection Size	Drawings	Material	Min Temp (F)	Max Temp (F)	Max Design Pressure (PSI)
					CD28 SER	n/a			
					CD28-1	ASTM B283, UNS C37700 BRASS			
Type C			CD28	3/4 NPSM X		ASTM B16, UNS C36000 BRASS			
Fitting	CD28 SER	Check Device	CD28T	1 NPTF	701293	ASTM B16, UNS C36000 BRASS	-40	165	480
					11550- 417	ASTM B16, UNS C36000 BRASS			
					11550- 160	ASTM B283, UNS C37700 BRASS			

Calculations

• 16046c-1 R0

QC Certificate:

QC Certificate ISO 9001:2015 and notarized statutory declaration form

Holder Information:

Name: Engineered Controls International LLC Address: 100 Rego Drive, Elon, NC 27244, USA Company Contact: Zachary Rubeor, Design Engineer

Contact Phone: 1-336-446-7219

Contact Email: zrubeor@regoproducts.com



Manufacturing Locations:

All CRNs should be assigned to Engineered Controls International LLC, but some subsidiary companies may be listed on the attached quality certificates. For simplicity, the subsidiary's name is also listed in this document in association with its manufacturing location. Please register all products for production at both facilities.

- 1. Engineered Controls International LLC (ECII) 100 Rego Drive, Elon, NC 27244, USA
- 2. Shanghai Rego Flow Technology Co., Ltd. (ECII China) 6999 Chuansha Rd., B11, Chuansha Industry Park Shanghai, China

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD IS NORTHWEST TERR		NEWFOUNDLAND AND LABR	RADOR
MANUFACTURERS NAME: En	gineered Controls Interna	ational LLC			
MANUFACTURERS ADDRESS					
PLANT LOCATIONS: Refer sco	pe document # 16046s-	1 .			
		RED. CIRCLE ONE CATEGOR		TITLE OF THE STANDARD OF CON	STRUCTION
O A Pipe fittings, including coupling O B Flanges: all flanges	ngs, tees, elbows, Ys, plu	ugs, unions, pipe caps, or redu	cers		
C Valves: all line valves				ASME B31.3 2018 Editi	ion'
O D Expansion joints, flexible con	nections, and hose asse	mblies: all types		THE BUTTO ESTO EST.	0.1
O E Strainers, filters, separators, O F Measuring devices, including	and steam traps pressure gauges, level of	national session thinks source			
pressure transmitters					
boilers, pressure vessels, pir	oing and fusible plugs		protection on		
O H Pressure retaining componer	nts that do not fall into on	e of the above categories			
O N Nuclear components: Class	1 Class 2 Class 3	☐, (Meeting CNSC or ASME	requirements)		
SHOW MANUFACTURERS NA	ME, TRADEMARK, OR I	LOGO AS IT WILL APPEAR C	N THE PRODUCT	TYPE OF CONSTRUCTION	THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TW
				CAST OTHER O	SHT 🗆
	REL			DESCRIBE OTHER:	1
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LIST OF SUPPORTING DOCU	MENTATION AND IDEN	TIFICATION OF THE ACTUA	LITEMS TO BE RE	GISTERED:	
Refer scope document # 16046s				J. J. J. L.	*
Calculation # 16046c-1 R0, scop	e document # 16046s-1	and Main dwatt CD28 SER			
() () () () () () () () () ()		and main dright ODES OLIV			
	,				2
L					
DECLARATION:				ii .	
Zachary Rubeor	(see note 3) emplo	yed by Engineered Controls Ir	ternationa and bei	ing the person having full au	thority and
responsibility for the quality of my knowledge represents the	product for which real	otemnly declare that the info	ormation containe	d in this form is true and to t	the best of
temperature ratings, and iden	uiicauon markings are	In accordance with the her	ain named stands	arda I firethan dantaus that the	е
manufacture of these fittings i or in part and has been verifie	s requiated by a Quali	ity Control Program which e	xtends to each pla	ant where fabrication occurs	s in whole
declaration conscientiously be	elieving it to be true, a	nd knowing that it is of the	ing suitable for the	at purpose and I make this s	solemn
	1	11	ano ioree and cr	rect as it made under dam.	
Signature of Declarer:	ment to	A Maria	P	Name of Name o	
Declared before me at			JSETH P	New S Nouveau	- · · · · · · · · · · · · · · · · · · ·
This day of	AD _		OFF	CHIJISMICK	
Commissioner of Oaths or Notary Public: (sign)			DEPT OF	JUSTICE PUBLIC SAFE	
er ricially r ablict (sign)				& PRESSURE VESSEL A	CT
Th.:-	Ti	nis space for Regulatory Author	rity use RE	EGISTRATION ONLY	
Inis	registration must be re	evalidated after ten (10) yea	ars from the date of	of acceptance.	1
CRN: 0C23013.5			CRN C	JCX3013,37	
FID#: 1704			6		
FID#: 1704 CD28 SER brass check	davisa (Part# CD2	O CDOOT	(Xa	an Clina	
480psig @ -40F to 165F	device (Part# CD2	.o, CD281).	CHIE	F BOILER INSPECTOR	
Notes: 1. All fittings shall be registered		ufacturer	3	2/2/21	
2. Each category shall be supp	orted with two Statutory I	Declaration	DATE	a/aora	
forms and one copy of supporting. 3. The declaration shall be made	ng documentation.	full muther the sent			- 1
responsibility for the quality of the	ne end product.		BLRs	□PVs	
Quality control programs sha at a maximum interval of five (5)	Il be resubmitted for valid	dation	LIBERS		
CRN expires Feb. 18th, 2	2031 - DG		FITTINGS	Sect. 1.0 - Fittings Revol	NEWYPS3

	NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD IS NORTHWEST TERR		IEWFOUNDLAND AND LABRADOR
	MANUFACTURERS NAME: Sha	nghai Rego Flow Techn	ology Co., Ltd.		
	MANUFACTURERS ADDRESS:	The second secon		hanghai, China	
	PLANT LOCATIONS: Refer sco	pe document # 16046s-	1		
			RED. CIRCLE ONE CATEGOR		TITLE OF THE STANDARD OF CONSTRUCTION
00	A Pipe fittings, including couplin B Flanges: all flanges	gs, tees, elbows, Ys, plu	ugs, unions, pipe caps, or reduc	cers	
0	C Valves: all line valves				ASME B31.3 2018 Edition
5	D Expansion joints, flexible come E Strainers, filters, separators, a	nections, and hose asse and steam traps	mblies: all types		
0	F Measuring devices, including pressure transmitters	pressure gauges, level g	gauges, sight glasses, levels, or		
0	G Certified capacity-rated press	ure relief devices accept	table as primary over pressure	protection on	
	boilers, pressure vessels, pip H Pressure retaining component	ing and fusible plugs			
0	N Nuclear components: Class 1	Class 2 Class 3	E of the above categories I. (Meeting CNSC or ASME	requirements)	
	SHOW MANUFACTURERS NAM	ME, TRADEMARK, OR L	OGO AS IT WILL APPEAR O	N THE PRODUCT	TYPE OF CONSTRUCTION .
					FORGED WELDED WROUGHT CAST OTHER
			in in the second se		DESCRIBE OTHER:
	LIOTOFOURN				3
	LIST OF SUPPORTING DOCUM		TIFICATION OF THE ACTUAL	ITEMS TO BE REC	SISTERED:
	Refer scope document # 16046s				
	Calculation # 16046c-1 R0, scope	e document # 16046s-1	and Main dwg# CD28-SER		
			9		
	•	•			
	DECLADATION.				
- 77	DECLARATION: I Zachary Rubeor	(see rote 3) employ	ved by Shanghai Pago Flow T	schooless and hein	g the person having full authority and
1	responsibility for the quality of	the end product do so	olemnly declare that the info	rmation contained	in this form is true and to the heat of
3	my knowledge represents the temperature ratings, and ident	product for which regi	istration is sought. The dim	ensions materials	of construction proceurs
	manulacture of these fittings is	s regulated by a Quali	ty Control Program which e	ein named standar xtends to each plai	nt where fabrication occurs in whole
- 8	or in part and has been verifie	a by Cac	as he	na suitable for that	Frumoren and I make this salama
3	declaration conscientiously be	lieving it to be true, an	nd knowing that it is of the s	ame force and effe	ect as if made under oath.
10.50	Signature of Declarer:	and the	-	R	ew Sanouveau UINSWICK
- 897	Declared before me at	0		SETHIS	all A ver nations, A C ner on on on
3	This day of	AD _		DEPT OF	JUSTICE PUBLIC SAFETY PRESSURE VESSELACT
	Commissioner of Oaths			BOILER'&	PRESSURE VESSELACI
	or Notary Public: (sign)			RE	GISTRATION ONLY
		TI	his space for Regulatory Author		36 72012 37
	This	registration must be re	evalidated after ten (10) yea	rs from the date of	acceptance.
	CRN: 0C23013.5			0	
	1704	-		Cal	an Cras
	FID#:			CHIE	F BOILER INSPECTOR
	CD28 SER bras	s check device	(Part#		2/26/21
	Notes: CD28, CD28T). 1. All fittings shall be registered	480psig @ -40	F to 165F	DATE	0/00/0
	Each category shall be support	orted with two Statutory	ufacturer. Declaration		
	forms and one copy of supporting	g documentation.	1	□BLRs	□PVs .
	The declaration shall be mad responsibility for the quality of th	e end product.			
	Quality control programs sha	Il be resubmitted for valid	dation	FITTINGS	□ NUCLEAR COMPONENTS
	at a maximum interval of five (5)	years. 2h 18th 2031 -	DG		Sect. 1.0 - Fittings Rev. 1 06/2003

. UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS NEW BRUNSWICK NOVA SCOTIA

	NUNAVUT	YUKON	NORTHW	DWARD ISLAND EST TERRITORIES		NEWFOUNDLAND AND LABRADOR
	MANUFACTURERS NAME: Eng	ineered Controls internst	ional I I C			
	MANUFACTURERS ADDRESS	100 Rego Drive, Elon, N	IC 27244, USA		-	
	PLANT LOCATIONS: Refer sco	De document # 18048n_1				
_	CATEGORY OF FITT	NGS TO BE REGISTER	D. CIRCLE ONE	CATEGORY ONLY		THE COMPANDARD OF CONSTRUCTION
000000	A Pipe fittings, including coupling Planges: all finances C Valves: all line valves D Expansion joints, flexible cons E Strainers, filters, separators, s Measuring devices, including pressure transmitters	nections, and hose assem and steam traps pressure gauges, level ga	iblica:, all types ugas, sight glasses	s, lovels, or		ASME B31.3 2018 Edition
0	G Certified capacity-rated press boilers, pressure vessels, plo	ure relief devices accepts	ble as primary over	r pressure protection	ายก	
	H Pressure retaining componen	is that do not fall into one	of the shove cateo	Arlan		
oĮ	N Nuclear components: Class 1	Class Z Class 3 F	7 (Mantine Chier	me ACME	ants)	
F	SHOW MANUFACTURERS NAM	E. TRADEMARK, OR LO	GO AS IT WILL A	PPEAR ON THE P	RODUCT	Vid-fold-dollsmillerion
						FORGED WELDED WRDUGHT D CAST OTHER D DESCRIBE OTHER
1	LIST OF SUPPORTING DOCUM	ENTATION AND IDENTI	FICATION OF TH	ACTUAL ITEMS	O BE REC	istereo:
- [Refer scope document # 16048s-					*
ľ	Calculation # 16045c-1 R0, acops	document#16046s-1 an	d Main dwg# CD2	B SER		
11 10 10 10 10 10 10 10 10 10 10 10 10 1	emperature ratings, and identification	ication markings are in regulated by a Quality	occordance with	the berein name which extends to	materials od standen o each plai	ds. I further declare that the
S	ignature of Daciaror:	rect 12	lan_			
	eclared before me at	0		USET	HIS	SPACE FOR
5	his day of	AD				CIAL OFAI
C	ommissioner of Oaths r Notary Public: (eign)					
-	71.1	This	space for Regulate	ary Authority use		
	CRN: 0C23013.5 FID#: 1704 CD28 SER brass check d 480psig @ -40F to 165F Notas: 2. Each category shall be supported in the category shall be supported in the category shall be made responsibility for the quality of the 4. Quality central programs shall at a maximum interval of five (5) y CRN expires Feb.18th, 20	the name of the Manufal and with two Statutory Dat documentglion, by the person having full end product. be resubmitted for validat ears.	CD28T). cturer. ctaration authority and	C.R.N. OC Dwg. as Signed You	descr descr descr	3.58
-					-	

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME	E: Shanghal Rego Flow Techn	ology Co., Ltd.	
		11, Chusnisha Industry Park Shanghal, China	
PLANT LOCATIONS: Refe	er scope document # 16046s-1		
CATEGORY OF	FITTINGS TO BE REGISTER	ED. CIRCLE ONE CATEGORY ONLY	THE OF THE STANDARD OF CONSTRUCTION
O A Pipe fittings, including c	ouplings, tees, elbows, Ys, plu	gs, unions, pipe caps, or reducers	
O B Flanges: all flanges O C Valves: all line valves			ASME B31.3 2018 Edition
O D Expansion joints, flexible	a connections, and hose asser	mblies; all types	ASIVIE BS 1.3 2018 Edition
JI E QUEMBIE, TREES, EGDSTS	lors, snd stasm trans	auges, sight glasses, levels, or	1
7 CASSSULE VIEDSIDETER		The state of the control of the state of the	
		able as primary over pressure protection on	1
J H Pressure retaining comp	conents that do not fall into one	of the above categories	
R NUCLEAR Components; C	lass 1 Class 2 Class 3	D, (Meeting CNSC or ASME requirements)	
BOWN MANUFACTORERS	HAME, TRADEMARK, OR L	OGO AS IT WILL APPEAR ON THE PRODUC	
•	Marine Paris (a)		PORGED WELDED WROUGHT CAST EZ CTHER CI DESCRIBE OTRER:
			DESCRIBE OTHER:
	THE PERSON NAMED IN	-	
LIST OF SUPPORTING DO	DOUMENTATION AND IDENT	IFICATION OF THE ACTUAL ITEMS TO BE	REGISTERED.
Refer scope document # 16	0466-1		A MAIL DEL TOUR DANS DE LA COMPANIE
Calculation # 160450-1 RO.	scope decument#16046s-1 s	and Main during CD20 CED	
		IN HELL DWY ODED OER	
	•		
			Manufacture and a second secon
DECLARATION:		4	
Responsibility for the quali	ty of the end product do so	ed by Shanghal Rego Flow Technology and I	being the person having full authority and ned in this form is true and to the best of
my knowledge represents	the product for which regis	tration is sought. The dimensions, mater	ned in this form is true and to the best of
manufacture of these fitting	dentification markings are	n accordance with the herein named stan	dards. I further declare that the
	So is is briting by the Challe	Y wonted Program which extends in each	trimits sallower desired make a second to the
declaration conscientious	y believing it to be true, an	as being suitable for d knowing that it is of the same force and	effect as if made under oath.
Signature of Declarer:	Bru 1. 1/1		
Declared before me at	10		
This day of	AD		S SPACE FOR
Commissioner of Oaths	AU	O F F	FIGIAL SEAL
or Notary Public: (sign)			
1	his registration must be re-	s space for Regulatory Authority use	
0023013 5		/alidated after ten (10) years from the day	A phasceplance.
CRN: 0C23013.5		NOVA SO	OTTA ESC
FID#: 1704		OILE NOVE SO	04(21/2)
CD28 SER b	rass check device		015 50
Notes: CD28, CD28	T). 480psig @ -40l	to 165F	The state of the s
All fittings shall be registed. Each category shall be a	ared in the name of the Manuf upported with two Statutory D	acturer. Dwg. as des	Dad 12
TORMS and one copy of supp	ortino documentation	-34	Tury
Lesbous in All All All Resubset	made by the person having fu of the and product.	1 1	± /> :
4. Quality control programs	shall be resummitted for smild	ation Part	ONS
at a maximum interval of five	Feb.18th, 2031 - [ation Part	LATIO Sect. 1.0 - Fittings Rev. 1 06/2003
OTHI OAPHOO	, JD. 1001, 2001 " L		

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME	E: Engineered Controls Internat	donal LLC	
MANUFACTURERS ADDR	RESS: 100 Rego Drive, Elon, N	IC 27244, USA	The second secon
	r scope document # 16046s-1		
		ED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
C Valves: all lianges C Valves: all line valves D Expansion joints, flexible E Strainers, filters, separat	connections: and hose assert	COSTA - PROGRAMO - F. PERK	ASME B31.3 2018 Edition
G Certified capacity-rated boilers, pressure vessel		ble as primary over pressure protection on	
N Nuclear components: C	lass 1 D Class 2 D Class 3 I	(Meeting CNSC or ASME requirements)	
SHOW MANUFACTURERS	NAME, TRADEMARK, OR LO	GO AS IT WILL APPEAR ON THE PROD	UCT TYPE OF CONSTRUCTION
	REG	70 .	FORGED WELDED WROUGHT DESCRIBE OTHER:
LIST OF SUPPORTING DO	CUMENTATION AND IDENT	IFICATION OF THE ACTUAL ITEMS TO B	E DECIDIEDES.
Refer scope document # 16	Control of the Contro	THE THE THE TOTAL TIEND TO B	THE WILLIAM
STATE OF THE PROPERTY OF THE P	scope document # 16046s-1 ar		
ny knowledge represents emperature ratings, and i manufacture of these fittin or in part and has been ve	the product do solithe product do solithe product for which regist dentification markings are lings is regulated by a Quality prified by DQC Inc. y believing it to be true, and	emnly declare that the information cont tration is sought. The dimensions, mat n accordance with the herein named sta r Control Program which extends to eac as being suitable for I knowing that it is of the same force an	andards. I further declare that the
or Notary Public: (sign)	****	to the second se	
F		space for Regulatory Authority use	and the second s
T		alidated after ten (10) years from thead	DE BRITEDInce.
CRN: 0C23013.5		PROVINCE OF P	RINCE EDWARD ISLAND
1704		COMMUNITIES,	LAND & ENVIRONMENT
FID#: 1704 CD28 SER brass che 480psig @ -40F to 16 Notes:	ock device (Part# CD28 55F	, CD28T). C.R.N. OC	23013.59
 Ali fittings shall be registed. Each category shall be a forms and one copy of supplied. The declaration shall be responsibility for the quality. Quality control programs. 	ered in the name of the Menufa upported with two Statutory De orting documentation. made by the person having full of the end product.	authority and INSPECTIO	N SERVICES SECTION SSURE VESSEL BRANCH
at a maximum interval of five		mon DOMEST - Inch	

PRINCE EDWARD ISLAND

NEWFOUNDLAND AND LABRADOR

NOVA SCOTIA

NEW BRUNSWICK

NONAVUI TOKON NORTHWEST TERRITOR	
MANUFACTURERS NAME: Shanghai Rego Flow Technology Co., Ltd.	***
MANUFACTURERS ADDRESS: 6999 Chuansha Rd., B11, Chuansha Industry Park Shan	ghaf, China
PLANT LOCATIONS: Refer scope document # 16046s-1	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY OF	DNLY INLEGETHE STANDARD OF CONSTRUCTION
A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers	
B Flanges: all flanges C Valves: all line valves	ASME B31.3 2018 Edition
D Expansion joints, flexible connections, and hose assemblies: all types	TOME DO 1.0 20 TO COMO!
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 protein	ection on
bollers, pressure vessels, piping and fusible pluds	
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 requ	
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON T	
· Marrial College Advantage Advantage of College Advantage of College Advantage of College of Colle	FORGED WELDED WROUGHT C
	DESCRIBE OTHER:
LIAZ OF BURDOOTHA BOALLING BLAN	
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITE	EMS TO BE REGISTERED:
Refer scope document # 16046s-1	
Calculation,# 16046c-1 R0, scope document # 16046s-1 and Main dwg# CD28-SER	
	,
·	
DECLARATION:	;
Zachary Rubeor (see note 3) employed by Shanghai Rego Flow Techn	nology and being the person having full authority a
Zachary Rubsor (400 note 3) employed by Shanghai Rego Flow Techi asponsibility for the quality of the end product do solemnty declare that the informa-	ation contained in this form is true and to the heat
Zachary Rubsor (400 note 3) employed by Shanghai Rego Flow Techi esponsibility for the quality of the end product do solemnly declare that the informative with the product for which registration is sought. The dimens	ation contained in this form is true and to the best
Zachary Rubsor (100 motes) employed by Shanghai Rego Flow Techn seponsibility for the quality of the end product do solemnly declare that the information with the product for which registration is sought. The dimense amperature ratings, and identification markings are in accordance with the herein of the control of the	ation contained in this form is true and to the best itions, materials of construction, pressure
Zachary Rubsor (100 note 3) employed by Shanghei Rego Flow Techn esponsibility for the quality of the end product do solemnly declare that the information by knowledge represents the product for which registration is sought. The dimens emperature ratings, and identification markings are in accordance with the herein re- transfer of these fittings is regulated by a Quality Control Program which exten	ation contained in this form is true and to the best sions, materials of construction, pressure named standards. I further declare that the nos to each plant where fabrication occurs in whole
Zachary Rubsor (see note 3) employed by Shanghai Rego Flow Technesponsibility for the quality of the end product do solemnly declare that the informative for the end product for which registration is sought. The dimension armorature ratings, and identification markings are in accordance with the herein reanufacture of these fittings is regulated by a Quality Control Program which extend in part and has been verified by COC.	ation contained in this form is true and to the best itions, materials of construction, pressure named standards, I further declare that the nds to each plant where fabrication occurs in whole suitable for the numbers and limited the name of the properties.
Zachary Rubsor (see note 3) employed by Shanghai Rego Flow Technesponsibility for the quality of the end product do solemnly declare that the informative product for which registration is sought. The dimensional product of the end	ation contained in this form is true and to the best itions, materials of construction, pressure named standards, I further declare that the nds to each plant where fabrication occurs in whole suitable for the numbers and limited the name of the properties.
Zachary Rubsor (see note 3) employed by Shanghai Rego Flow Technesponsibility for the quality of the end product do solemnly declare that the informative product for which registration is sought. The dimensional product of the end	ation contained in this form is true and to the best itions, materials of construction, pressure named standards, I further declare that the nds to each plant where fabrication occurs in whole suitable for the numbers and limited the name of the properties.
Zechery Rubsor (see note 3) employed by Shanghei Rego Flow Technesponsibility for the quality of the end product do solemnly declare that the Informative Knowledge represents the product for which registration is sought. The dimensions amperature ratings, and identification markings are in accordance with the herein manufacture of these fittings is regulated by a Quality Control Program which extend in part and has been verified by CQC as being the claration conscientiously believing it to be true, and knowing that it is of the same signature of Declarer:	ation contained in this form is true and to the best idons, materials of construction, pressure named standards. I further declare that the last to each plant where fabrication occurs in whole suitable for that purpose and I make this solemn a force and effect as if made under oath.
Zechery Rubsor (see note 3) employed by Shanghei Rego Flow Technesponsibility for the quality of the end product do solemnly declare that the Informative Knowledge represents the product for which registration is sought. The dimensions are retirings, and identification markings are in accordance with the herein manufacture of these fittings is regulated by a Quality Control Program which extend in part and has been verified by CQC as being the claration conscientiously believing it to be true, and knowing that it is of the same signature of Declarer: Declared before me at	ions, materials of construction, pressure named standards. I further declare that the rids to each plant where fabrication occurs in whole suitable for that purpose and I make this solemn a force and effect as if made under oath. ETHIS SPACE FOR:
Zachary Rubsor (see note 3) employed by Shanghai Rego Flow Technesponsibility for the quality of the end product do solemnly declare that the informative product of the product for which registration is sought. The dimension of these fittings is regulated by a Quality Control Program which extend in part and has been verified by CQC as being the claration conscientiously believing it to be true, and knowing that it is of the same signature of Declarer: Declared before me at U.S.	ation contained in this form is true and to the best income, materials of construction, pressure named standards. I further declare that the last to each plant where fabrication occurs in whole suitable for that purpose and I make this solemn a force and effect as if made under oath.
Zechery Rubsor (see note 3) employed by Shanghei Rego Flow Technesponsibility for the quality of the end product do solemnly declare that the informating knowledge represents the product for which registration is sought. The dimensions are represented to the product for which registration is sought. The dimensions are represented to the product for which registration is sought. The dimensions are in accordance with the herein representation of these fittings is regulated by a Quality Control Program which extend in in part and has been verified by CQC as being the clearation conscientiously believing it to be true, and knowing that it is of the same signature of Declarer: Declared before me at Commissioner of Oaths	ation contained in this form is true and to the best itions, materials of construction, pressure named standards. I further declare that the nds to each plant where fabrication occurs in whole suitable for that purpose and I make this solemn e force and effect as if made under oath. ETHIS SPACE FOR
Zachery Rubsor (see note 3) employed by Shanghei Rego Flow Technesponsibility for the quality of the end product do solemnly declare that the informative particles and identification markings are in accordance with the herein manufacture of these littings is regulated by a Quality Control Program which extend in part and has been verified by CQC as being a seclaration conscientiously believing it to be true, and knowing that it is of the same declared before me at this day of AD Commissioner of Oaths	ation contained in this form is true and to the best itions, materials of construction, pressure named standards. I further declare that the nds to each plant where fabrication occurs in whole suitable for that purpose and I make this solemn e force and effect as if made under oath. ETHIS SPACE FOR
Zachary Rubsor (see note 3) employed by Shanghai Rego Flow Technes ponsibility for the quality of the end product do solemnly declare that the Informative Reposition in the American American Committee of these fittings is regulated by a Quality Control Program which extend in part and has been verified by CQC as being electration conscientiously believing it to be true, and knowing that it is of the same declared before me at this day of AD Commissioner of Oaths recognisions.	ation contained in this form is true and to the best itons, materials of construction, pressure named standards. I further declare that the nest to each plant where fabrication occurs in whole suitable for that purpose and I make this solemn a force and effect as if made under oath. ETHIS SPACE FOR OFFICIAL OFFAL
Zachary Rubsor (see note 3) employed by Shanghai Rego Flow Technesponsibility for the quality of the end product do solemnly declare that the informative formal product for which registration is sought. The dimensional product of these fittings is regulated by a Quality Control Program which extend in part and has been verified by CQC as being the claration conscientiously believing it to be true, and knowing that it is of the same signature of Declarer: Declared before me at this day of AD This space for Regulatory Authority in the space for Regulatory Au	ation contained in this form is true and to the best itions, materials of construction, pressure named standards. I further declare that the nods to each plant where fabrication occurs in whole suitable for that purpose and I make this solemn a force and effect as if made under oath. ETHIS SPACE FOR OFFICIAL OFFAL
Zachary Rubsor (see note s) employed by Shanghai Rego Flow Technesponsibility for the quality of the end product do solemnly declare that the Informative Reposition in the Artificial Control Program which registration is sought. The dimension of these fittings is regulated by a Quality Control Program which extend in part and has been verified by CQC as being a sector of these fittings is regulated by a Quality Control Program which extend in part and has been verified by CQC as being a sector of the same declaration conscientiously believing it to be true, and knowing that it is of the same declared before me at Commissioner of Oaths This space for Regulatory Authority of This registration must be revalidated after ten (10) years for	ation contained in this form is true and to the best itons, materials of construction, pressure named standards. I further declare that the nest to each plant where fabrication occurs in whole suitable for that purpose and I make this solemn is force and effect as if made under oath. ETHIS SPACE FOR OFFICIAL OFFAL
Zachary Rubsor (see note 3) employed by Shanghai Rego Flow Technessponsibility for the quality of the end product do solemnly declare that the informative particles of the product for which registration is sought. The dimensional dentification markings are in accordance with the herein of nanufacture of these littings is regulated by a Quality Control Program which extend in part and has been verified by CQC as being eclaration conscientiously believing it to be true, and knowing that it is of the same signature of Declarer: Declared before me at this day of AD This space for Regulatory Authority of This registration must be revalidated after ten (10) years from CRN: OC23013.5	ation contained in this form is true and to the best idons, materials of construction, pressure named standards. I further declare that the nest to each plant where fabrication occurs in whole suitable for that purpose and I make this solemn is force and effect as if made under oath. ETHIS SPACE FOR OFFICE OFFICE OFFICE ALLIES ALLIES OFFICIAL SFAL
Zachary Rubsor (see note 3) employed by Shanghai Rego Flow Technesponsibility for the quality of the end product do solemnly declare that the informative products are producted by solemnly declared that the informative products are producted by a control program which extend the product for which registration is sought. The dimensional productive of these fittings is regulated by a Quality Control Program which extend in an unfacture of these fittings is regulated by a Quality Control Program which extend in an unfacture of these verified by CQC as being the control of the same of the	ation contained in this form is true and to the best idons, materials of construction, pressure named standards. I further declare that the nest to each plant where fabrication occurs in whole suitable for that purpose and I make this solemn a force and effect as if made under oath. ETHIS SPACE FOR OFFICIAL OFFICE OFFICIAL O
Zachary Rubsor (see note 3) employed by Shanghai Rego Flow Technes ponsibility for the quality of the end product do solemnly declare that the informative product of the end product for which registration is sought. The dimension with the product for which registration is sought. The dimension productive of these littings is regulated by a Quality Control Program which extend in part and has been verified by CQC as being the eclaration conscientiously believing it to be true, and knowing that it is of the same signature of Declarer: Declared before me at this day of AD Commissioner of Oaths registration must be revalidated after ten (10) years from the consciention of the consciention must be revalidated after ten (10) years from the consciention of the	ation contained in this form is true and to the best itons, materials of construction, pressure named standards. I further declare that the needs to each plant where fabrication occurs in whole suitable for that purpose and I make this solemn a force and effect as if made under oath. ETHIS SPACE FOR OFFICE OFFICE OFFICE AL SFAL OFFICIAL SFAL WINCE OF PRINCE EDWARD ISLAND AMUNITIES, LAND & ENVIRONMENT
Zachary Rubsor (see note 3) employed by Shanghai Rego Flow Technesponsibility for the quality of the end product do solemnly declare that the informative product of the product for which registration is sought. The dimensional production of these fittings is regulated by a Quality Control Program which extend in an ufacture of these fittings is regulated by a Quality Control Program which extend in part and has been verified by CQC as being a sectorallon conscientiously believing it to be true, and knowing that it is of the same signature of Declarer: declared before me at this	ation contained in this form is true and to the best idons, materials of construction, pressure named standards. I further declare that the nest to each plant where fabrication occurs in whole suitable for that purpose and I make this solemn a force and effect as if made under oath. ETHIS SPACE FOR OFFICE OFFICE OFFICIAL SFAI
Zachary Rubsor (see note 3) employed by Shanghai Rego Flow Technessponsibility for the quality of the end product do solemnly declare that the Informative Reports the product for which registration is sought. The dimensions with the product for which registration is sought. The dimensions are presented these fittings is regulated by a Quality Control Program which extend in part and has been verified by CQC as being the claration conscientiously believing it to be true, and knowing that it is of the same signature of Declarer: Declared before me at this	ation contained in this form is true and to the best itons, materials of construction, pressure named standards. I further declare that the nds to each plant where fabrication occurs in whole suitable for that purpose and I make this solemn e force and effect as if made under oath. ETHIS SPACE FOR OFFICIAL SFAI
Zachary Rubsor (see note 3) employed by Shanghai Rego Flow Technes ponsibility for the quality of the end product do solemnly declare that the Informative Active of these fittings is regulated by a Quality Control Program which extern in part and has been verified by CQC (as being the selaration conscientiously belleving it to be true, and knowing that it is of the same selaration of Oaths republic; (sign) This space for Regulatory Authority of This registration must be revalidated after ten (10) years from the conscientiously belleving it to be considered after ten (10) years from the consciention of Oaths republic; (sign) This registration must be revalidated after ten (10) years from the consciention of Oaths republic; (sign) CRN; OC23013.5 CD28 SER brass check device (Part# Notes: CD28, CD28T), 480psig @ -40F to 165F 1. All fittings shall be registered in the name of the Manufacturer.	ation contained in this form is true and to the best itons, materials of construction, pressure named standards. I further declare that the needs to each plant where fabrication occurs in whole suitable for that purpose and I make this solemn a force and effect as if made under oath. ETHIS SPACE FOR OFFICIAL SFAI OFFICIAL SFAI SEPTIME OF PRINCE EDWARD ISLAND AMUNITIES, LAND & ENVIRONMENT
Zachary Rubsor (see note 3) employed by Shanghai Rego Flow Technes ponsibility for the quality of the end product do solemnly declare that the Informacy Knowledge represents the product for which registration is sought. The dimension amperature ratings, and identification markings are in accordance with the hereing rannificature of these fittings is regulated by a Quality Control Program which extend rin part and has been verified by CQC as being the eclaration conscientiously believing it to be true, and knowing that it is of the same declared before me at this day of AD This space for Regulatory Authority of AD This registration must be revalidated after ten (10) years from the same declared before the same day of AD This registration must be revalidated after ten (10) years from the same day of AD CCRN; OC23013.5 FID#: CD28 SER brass check device (Part# CD28 SER brass check device (Part# Notes: CD28, CD28T). 480psig @ -40F to 165F 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration	ation contained in this form is true and to the best itons, materials of construction, pressure named standards. I further declare that the nds to each plant where fabrication occurs in whole suitable for that purpose and I make this solemn e force and effect as if made under oath. ETHIS SPACE FOR OFFICIAL SFAI
Zachary Rubsor Asponsibility for the quality of the end product do solemnly declare that the informal asponsibility for the quality of the end product do solemnly declare that the informal asponsibility for the quality of the end product do solemnly declare that the informal asponsibility for the quality of the end product for which registration is sought. The dimension was the product for which registration is sought. The dimension are the product for which registration is sought. The dimension of the same are presented by coc as being the claration conscientiously believing it to be true, and knowing that it is of the same aspect of the same are producted before me at this product of the same are producted before me at this product of the same are producted before the product of the same are producted before the product of the same are producted before the same are producted by the same are product	ation contained in this form is true and to the best items, materials of construction, pressure named standards. I further declare that the next to each plant where fabrication occurs in whole suitable for that purpose and I make this solemn e force and effect as if made under oath. ETHIS SPACE FOR OFFICE OFFICE OFFICIAL SFAI OFFICIAL SFAI WINCE OF PRINCE EDWARD ISLAND AMUNITIES, LAND & ENVIRONMENT N. OC 23013 S9
Zachary Rubsor esponsibility for the quality of the end product do solemnly declare that the Informative Reponsibility for the quality of the end product do solemnly declare that the Informative Reponsibility for the quality of the end product do solemnly declare that the Informative Reponsibility for the quality of the end product for which registration is sought. The dimensions of these fittings is regulated by a Quality Control Program which extend in Inpart and has been verified by CQC as being a selecteration conscientiously believing it to be true, and knowing that it is of the same declared before me at a specific section of the same declared before me at a specific section of the same declared before me at a specific section of the same declared before me at a specific section of the same declared before me at a specific section of the same declared before me at a specific section of the same declared before me at a specific section of the same declared after the same declared after the same declared of the same de	ation contained in this form is true and to the best items, materials of construction, pressure named standards. I further declare that the nods to each plant where fabrication occurs in whole suitable for that purpose and I make this solemn e force and effect as if made under oath. ETHIS SPACE FOR OFFICIAL SEATOMENT OFFICIAL SEATOMENT OFFICIAL SEATOMENT IN OCCUPAND SERVIRONMENT OCCUPAND SERVICES SECTION
esponsibility for the quality of the end product do solemnly declare that the Informary knowledge represents the product for which registration is sought. The dimens amperature ratings, and identification markings are in accordance with the herein remanufacture of these fittings is regulated by a Quality Control Program which extend in Inpart and has been verified by CQC as being as being declaration conscientiously believing it to be true, and knowing that it is of the same declared before me at a specific product of the same declared before me at a specific product of the same declared before me at a specific product of the same declared before me at a specific product of the same declared before me at a specific product of the same declared before me at a specific product of the same declared before me at a specific product of the same declared before me at a specific product of the same declared before me at a specific product of the same declared before the same declared of th	ation contained in this form is true and to the best itions, materials of construction, pressure named standards. I further declare that the nds to each plant where fabrication occurs in whole suitable for that purpose and I make this solemn e force and effect as if made under oath. ETHIS SPACE FOR OFFICE OFFICE OFFICIAL SEATOMENT. OFFICIAL SEATOMENT. WINCE OF PRINCE EDWARD ISLAND AMUNITIES, LAND & ENVIRONMENT. N. OC 23013 S9

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS N	AME: Engineered Controls Internation	al LLC	
MANUFACTURERS AT	ODRESS: 100 Rego Driva, Elon, NC	27244. USA	
PLANT LOCATIONS: F	Refer scope document # 16045s-1		
CATEGORY	OF FITTINGS TO BE REGISTERED.	CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
O A Pipe fittings, includin O B Flanges: all flanges	g couplings, tees, albows, Ys, plugs,	unions, pipe caps, or reducers	
O B Flanges: all flanges O C Valves: all line valve			ACME DOLOGOGO TO
O D Expansion joints, flex	sible connections and how secondition	s: all types	ASME B31.3 2018 Edition
UI E Suamers, miners, san	aratore und clasm teams		
	ncluding pressure gauges, level gauge		
O G Certified capacity-rat	lad pressure relief devices acceptable	as primary over pressure protection on	
	ssels, piping and fusible plugs omponents that do not fall into one of		
O N Nuclear components	Class 1 Class 2 Class 3 Cl	(Meeting CNSC or ASME requirements)	
SHOW MANUFACTURE	RS NAME, TRADEMARK, OR LOG	O AS IT WILL APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION
		THE PROPERTY OF THE PROPERTY O	FORGED WELDED WROUGHT CAST COTHER D
	•	area.	CAST CE OTHER CE
LIST OF SUPPORTING	DOCUMENTATION AND IDENTIFIC	CATION OF THE ACTUAL ITEMS TO BE RE	GISTERED:
Refer scope document #	160469-1		.
Calculation # 16046c-1 F	RO, scope document # 16046s-1 and t	Vain dwa# CD28 SER	
		•	
DECLARATION:			•
Zachary Rubeor	(see note 3) employed I	by Engineered Controls internations and being	of the person having full authority and
my knowledge represe	nts the product for which registers	iny declare that the information contained	in this form is true and to the best of
temperature ratings, ar	d identification markings are in a	or is sought. The unitensions, materials	of construction, pressure
manufacture of these fi	ittings is regulated by a Quality Co	ontrol Program which extends to each pla	int where fabrication occurs in whole
declaration consciention	usly helieving it to be true and by	onirol Program which extends to each pla as being suitable for the nowing that it is of the same force and effi-	t purpose and I make this solemn
	on the late, and ki	lowing that it is of the same force and effi	ect as if made under oath.
Signature of Declarer:	great the	Lan	
Declared before me at	0 0	USETHIS	SPADE FOR
This day	ofAD		CIAL SEA1
Commissioner of Oath	S		CIAL WEAT
or Notary Public: (sign)			
	This registration must be revalid	ace for Regulatory Authority use Jated after ten (10) years from the date of	
0000040	_	terr (10) years nom me date or	Newfoundland
CRN: <u>0C23013.5</u>	2		Labrador
FID#: 1704	·	*	Service NL
CD28 SER brass of	check device (Part# CD28, C	:D28T)	Registered 01,23,013,50
480psig @ -40F to	165F		Date 21/03/05
1. All fittings shall be reg	gistered in the name of the Manufactu	ifer.	Engineering and luspection Services
Lach category shall b	18 SUDDOMED With two Statutory Danie	ration	
3. The declaration shall	upporting documentation. be made by the person having full au	thority and	Registered by
responsibility for the qua	ility of the end product.		UNDER THE AUTHORITY OF THE
Quality control progra at a maximum interval of	ims shall be resubmitted for validation	î .	PUBLIC SAFETY OF AND THE BOILER, PRESSURE VESSEL AND
CRN expires Feb.	18th, 2031 - DG		COMPRESSED TAS REVENSE OF TONS
			Grid Reductions

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAM	E: Shanghal Rego Flow Techn	ology Co., Ltd.	i
		11, Chuansha Industry Park Shanghal, China	
PLANT LOCATIONS: Ref	er scope document # 15045s-	1	
CATEGORY OF	FITTINGS TO BE REGISTER	RED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
O A Pipe fittings, including	couplings, tees, elbows, Ys. plu	ugs, unions, pipe caps, or reducers	
JI b Flandes: all flandes	- Cartesian Processor November Demonstration - dust to the		
C Valves: all line valves D Expansion joints, flexib	le connections, and hose asse		ASME B31.3 2018 Edition
DE Strainers, filters, separa	ators, and steam trans	The second secon	50
 F Measuring devices, incl 	luding pressure gauges, level g	gauges, sight glasses, levels, or	
pressure transmitters		table as primary over pressure protection on	
DUNCIS, DIESSUIS VESSE	iis. Diding and flighte name		1
J H Pressure retaining com	ponents that do not fall into on-	e of the above categories	
N Nuclear components: (Class 1 Class 2 Class 3	D, (Meeting CNSC or ASME requirements)	
SHOW MANUFACTURER	S NAME, TRADEMARK, OR L	OGO AS IT WILL APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION
		COLORES (2000) (FORGED WELDED WHOUGHT C
			DESCRIBE OTHER:
		= 4	
LIST OF SUPPORTING D	OCUMENTATION AND IDEN	TIFICATION OF THE ACTUAL ITEMS TO BE RI	GISTERED:
Refer scope document # 16			
Calculation # 150450-1 PO	scope document # 16046s-1 a		
	2000 0000118tit is 100406-1	and Main Owg# CU28-SER	
1			*
J			l l
L			
DECLARATION:			
Zachery Rubeor	(see note 3) 6mplo	yed by Shanghal Rego Flow Technology and be	ing the person begins full authority and
responsibility for the qual	my of the end diddlict hu et	Old the second of the second s	and the Alexander of the same
declaration conscientious	sly believing it to be true, ar	as being suitable for the same force and el	et purpose and I make this solemn
	1 1 171	The state of the desire force and be	nout as il made under oath.
Signature of Declarer:	Juny 12		
Declared before me at	00	USETHIS	SPACE FOR 15
This day of	AD		ICIAL BEAT
Commissioner of Oaths		V 1 /	ICIAL SEAT
or Notary Public: (sign)			
	Th	is space for Regulatory Authority use	200
	This registration must be re	realidated after ten (10) years from the date	of acceptance of a Cotton
CRN: 0C23013.5			Labrador
-	***************************************		Service NL
FID#: 1704			the state of the s
	brass check device	/Dart#	Registered 06-23013.50
Notes: CD28 CD29	8T), 480psig @ -40	(Faith	Date 21/03/05
I - An Humus shall be redis	dered in the name of the Manu	(fart) iner	Engineering and Inspection Solvices
Z. Each category shall be	supported with two Statutory F	Declaration	/ ///
forms and one copy of sup	porting documentation		Registered by
responsibility for the quality	made by the person having for	ull authority and	UNDER THE AUTHORITY OF THE
4. Quality control program	is shall be resubmitted for valid	iation	PUBLIC SAFETY ACT AND
at a maximum interval of fi	ve (5) years.		THE BOILER, PRESSURE VESSELAND
I UKIN EXPIRES	s Feb.18th, 2031 - I	DG	COMPRESSET GAS RECULATIONS

NOVA SCOTIA

NEW BRUNSWICK

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME	: Engineered Controls Interna	tional LLC	1
	ESS: 100 Rego Drive, Elon, I		
PLANT LOCATIONS: Refe	r scope document # 16046s-1		
CATEGORY OF	FITTINGS TO BE REGISTER	ED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including co	ouplings, teas, albows, Ys, plu	gs, unions, pipe caps, or reducers	
B Flanges: all flanges C Valves: all line valves			ACME DOLG COLG THE
D Expansion joints, flexible	connections, and hose assen	nblies: all types	ASME B31.3 2018 Edition
Ji E Strainers, tilters, separat	Ors. and steam trans		
DISSSUE HARSHIMES	ding pressure gauges, level ga		
G Certified capacity-rated	pressure relief devices accepta	able as primary over pressure protection on	
	s, piping and fusible plugs onents that do not fall into one		
N Nuclear components: C	ass 1 [] Clase 2 [] Class 3	☐, (Meeting CNSC or ASME requirements)	
SHOW MANUFACTURERS	NAME TRADEMARK OF	OGO AS IT WILL APPEAR ON THE PRODU	
	IN THE PERSON OF L	OGO AS IT WILL APPEAR ON THE PROBL	
<i>F</i> .	District Street Co.		FORGED WELDED WROUGHT CAST OTHER DESCRIBE OTHER:
	REC		January Control
	Ann Contraction		
LIST OF SUPPORTING DO	CUMENTATION AND IDENT	IFICATION OF THE ACTUAL ITEMS TO BE	REGISTERED.
Refer scope document # 160	0469-1		,
Calculation # 16046c-1 R0. s	scope document # 16046s-1 a	nd Moin dwaff CD28 SEB	
	100408-1 a	III Mail dwg# CD26 SER	
			- ·
	100		
	•		-5
DECLARATION: Zachary Rubeor			2
responsibility for the qualit my knowledge represents temperature ratings, and it manufacture of these fittin or in part and has been ye	the product for which regist dentification markings are it gs is regulated by a Quality	terminy declare that the information conta stration is sought. The dimensions, mate in accordance with the herein named sta y Control Program which extends to each	indards. I further declare that the h plant where fabrication occurs in whole
Signature of Declarer:	Frank the		
Declared before me at	100		
This day of	AD		S SPACE FOR
Commissioner of Oaths	AD	O F	FICIAL OFAL
or Notary Public: (sign)			
T .	This registration must be re-	s space for Regulatory Authority use	ate of acceptance.
100000000000000000000000000000000000000	na registration most be lef	validated after ten (10) years from the da	ite of acceptance.
CRN: 0C23013.5			SHULL OF
FID# 1704	•	/4	
1 1011.	ck device (Part# CD28	(CDOOT)	7
480psig @ -40F to 16	SSF	5, CD281).	BY
Notes:	ered in the name of the Manuf	19	7
2. Each category shall be at	upported with two Statutory De	acturer.	ORN 0C23013.5Y
forms and one copy of supp	oning documentation.		1
responsibility for the quality	made by the person having ful of the end product.	\ \	DATE 03/03/2021
4. Quality control programs	shall be resubmitted for valida	ation	JAIL 35.35.2521
at a maximum interval of five CRN expires Feb.18ti	(5) years,		Sect. 1.0 - Fittings Rev. 1/06/2003
Citit exhites Len' 10(1	1, 2001 - DG		Salt 1.0 1 Filling Pay. 108/2003
,			CERCERAN.

NEW BRUNSWICK **NOVA SCOTIA** PRINCE EDWARD ISLAND NEWFOUNDLAND AND LABRADOR NUNAVUT YUKON NORTHWEST TERRITORIES MANUFACTURERS NAME: Shanghal Rego Flow Technology Co., Ltd. MANUFACTURERS ADDRESS: 6999 Chuansha Rd., B11, Chuansha Industry Park Shanghal, China PLANT LOCATIONS: Refer scope document # 16046s-1 CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY TITLE OF THE STANDARD OF CONSTRUCTION A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves ASME B31.3 2018 Edition D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters 0 G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs 0 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 FORGED WELDED WROUGHT CAST OTHER CAST E OTHER LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: Refer scope document # 16046s-1 Calculation_# 16046c-1 R0, scope document # 16046s-1 and Main dwg# CD28-SER **DECLARATION:** (see note 3) employed by Shanghal Rego Flow Technology and being the person having full authority and Zachary 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 fabrication occurs in whole or in part and has been verified by CQC as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath. Signature of Declarer: Declared before me at USETHIS SPACE FOR day of OFFICIAL SEAL Commissioner of Oaths or Notary Public: (sign) This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptances CRN: 0C23013.5 1704 FID#: CD28 SER brass check device (Part# Notes: CD28, CD28T). 480psig @ -40F to 165F

1. All fittings shall be registered in the name of the Manufacturer. 0C23013.5Y 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 03/03/2021 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years. CRN expires Feb.18th, 2031 - DG

06/2003

MANUFACTURERS ADDRESS: 100 Rago Drive, Bion, NC 27244, USA PLANT LOCATIONS: Rafer scope document # 160469-1 AP Pleatings, including couplings, tess, albows, Ys, plags, unions, pipe caps, or reducers ASME B31.3 2018 Edition A Pipe fittings, including couplings, tess, albows, Ys, plags, unions, pipe caps, or reducers D E plants including couplings, tess, albows, Ys, plags, unions, pipe caps, or reducers D E Strainars, fifties, separations, and steam trops D E Strainars, fifties, separations, and steam trops D F Messuring devices, including pressure sugges, level gaupas, sight plasses, levels, or pressure transmitters D F Messuring devices, including pressure sugges, level gaupas, sight plasses, levels, or pressure pressure production on bothers, pressure stated to not stall sine one of the above categories D H Pressure relating components that do not stall sine one of the above categories D N Nuclear components: Class 1 II Class 2 II Class 2 II. (Meeting CNSC or ASME requirements) BHOW MANUFACTURERS HAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT Calcustron \$ 160460-1 RQ, scope document # 160468-1 and Meh dwg\$ CD28 SER DECLARATION: LECTOR SUPPORTING DOCUMENTATION AND INENTIFICATION OF THE ACTUAL Treas TO BE RESISTERED: LIST OF EUPPORTING DOCUMENTATION AND INENTIFICATION OF THE ACTUAL Treas TO BE RESISTERED: LIST OF EUPPORTING DOCUMENTATION AND INENTIFICATION OF THE ACTUAL Treas TO BE RESISTERED: LEST OF EUPPORTING DOCUMENTATION AND INENTIFICATION OF THE ACTUAL Treas TO BE RESISTERED: LIST OF EUPPORTING DOCUMENTATION AND INENTIFICATION OF THE ACTUAL TREAS TO BE RESISTERED: LIST OF EUPPORTING DOCUMENTATION AND INENTIFICATION OF THE ACTUAL TREAS TO BE RESISTERED: LIST OF EUPPORTING DOCUMENTATION AND INENTIFICATION OF THE ACTUAL TREAS TO BE RESISTERED: LIST OF EUPPORTING DOCUMENTATION AND INENTIFICATION OF THE ACTUAL TREAS TO BE RESISTERED: LIST OF EUPPORTING DOCUMENTATION AND INENTIFICATION OF THE ACTUAL TREAS TO BE RESISTERED LIST OF EUPPORTING DOCUMENTATION AND INENTIFICATION OF TH	NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANAPACTURERS ADDRESS: 100 Repo Drive. Elon, NC 27244, USA PLANT LOCATIONS: Reids scope document # 160469-1 STATEGORY OF PITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY A Ppe fittings, including couplings, tests, elbows, Ys, plags, unions, pipe caps, or reducers A Ppe fittings, including couplings, tests, elbows, Ys, plags, unions, pipe caps, or reducers A Ppe fittings, including couplings, tests, elbows, Ys, plags, unions, pipe caps, or reducers A Ppe fittings, including couplings, tests, elbows, Ys, plags, unions, pipe caps, or reducers A Ppe fittings, including couplings, tests, elbows, Ys, plags, unions, pipe caps, or reducers A Ppe fittings, including couplings, tests, elbows, Ys, plags, unions, pipe caps, or reducers C Veter: all his valves B Phassacing capterious, including page and testing through P Phassacing capterious, including page and fastisis plags H Pressace retaining components: Class 1 — Class 2 — Class 3	NAME AND ADDRESS OF THE OWNER, TH	ME: Engineered Controls Internatio	mai LLC	
PLANT LOCATIONS: Rater scope document # 19046s-1 CAISAGN CP ETITINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY A Pipe fittings, including couplings, less, allows, Ye, plugs, unlows, pipe caps, or reducers A Pipe fittings, including couplings, less, allows, Ye, plugs, unlows, pipe caps, or reducers A Pipe fittings, including couplings, less, allows, Ye, plugs, unlows, pipe caps, or reducers C Valves: all how valves C Valves: all how valves D Expansion (prints, flacible connections, and hose assembliest; all types E Strainers, fitters, separations, and steam trape F Messuring devices, including pressure relief devices acceptable as primary over pressure production on obtaining components that do not fall into one of the above categories P Messuring devices, including post that do not fall into one of the above categories Reformation components that do not fall into one of the above categories N Notices components: Cleas 1				
A PSP ettings, including couplings, tess, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: al flanges C Valves: all flanges D Expansion fortin, flacible connections, and hose easembliest, all types E Strainers, filters, expansions, and staam; types F Messuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters O Contrible capacity-related pressure gauges, level gauges, sight glasses, levels, or pressure transmitters H Pressure retaining components that do not tall into one of the above catsgories H Pressure retaining components that of the tall into one of the above catsgories H Pressure retaining components that do not tall into one of the above catsgories BHOW MANUFACTURERS NAME. TRADEMARK OR LOGO AS IT WILL APPEAR ON THE PRODUCT LEST OF EUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL TIEMS TO BE REGISTERED: DECLARATION: Lachter Rubect	PLANT LOCATIONS: R	afer scope document # 16046s-1		
A Pipe fittings, including couplings, teas, elbows, Ys, plugs, unions, pipe caps, or reducers	CATEGORY	FITTINGS TO BE REGISTERED	. CIRCLE ONE CATEGORY ONLY	THE CONTRACTOR CONSTRUCTION
D Expansion joints, facible connections, and horse essemblies:, all types E Strainers, fliers, separations, and statem traps F Measuring devices, including pressure gesges, level gauges, sight glasses, lovels, or pressure transmitters G Cartifled capacity-relad pressure related devices acceptable as primary over pressure protection on boden, pressure vasueds, ploring and fisables plugs H Pressure relativing components that do not fall into one of the above categories N Nuclear components: Class 1 Class 2 Class 3 Cla	A Pipe fittings, including	r couplings, tees, elbows, Ys, plugs		
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H Pressure retaining components that do not tall into one of the above categories IN Nuclear components: Class 1 Class 2 Class 3 Cl. (Meeting CNSC or ASME requirements) EHOW MANUFACTURERS MAME, TRADEMARK, OR LOGO AS IT VILL APPEAR OR THE PRODUCT FORCE CLASS CONTROL OF THE ACTUALITIEMS YO BE RECISTERED: LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUALITIEMS YO BE RECISTERED: Calcuseiton \$ 160460-1 RQ, scope document \$ 160469-1 Calcuseiton \$ 160460-1 RQ, scope document \$ 160469-1 and Mein dwg\$ CD28 SER DECLARATION: Lasher Rubeer Less new 2) employed by Engineered Controls Internations and being the person having full authority and responsibility for the quality of the end product do solomyly declare that the information contained in this form is true end 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 nemed standards. Internet declare that the or in part and has been verified by DCC inc. In part and has been verified by DCC inc. Calcuseitor conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath. Signature of Declarer: Declared before me at This registration must be revalidated after ten (10) years from the date or register. This registration must be revalidated after ten (10) years from the date or register. Northwest Territories REGISTERED UNDER THE AUTHORITY OF THE BOILER AND PRESSURE VESSI ACT. VESSI ACT.	G Certified capacity-rate	ed pressure relief devices ecceptable		
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LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: Refer scope document # 16046s-1 Calcutetion # 16046s-1 R0, scope document # 18046s-1 and Main dwg# CD28 SER DECLARATION: I Zachary Ruber I Zachary Ru	SHOW MANUELCTURE	DR VAME TRADETARK OR A	(Meeting CNSC of ASME requirements)	
DECLARATION: Zachar/Rubsor		REG	a .	FORCED WELDED WROUGHT DO CAST ZO OTHER
DECLARATION: Zachary Rubsor	LIST OF SUPPORTING	DOCUMENTATION AND IDENTIF	CATION OF THE ACTUAL ITEMS TO BE	REGISTERED:
DECLARATION: Zechar Rubeor	Refer scope document #	160468-1		,
DECLARATION: I Zachar Rubeor I Zachar	W = 1000 0.000 0.000		Mala dand Open open	
Zachary Rubeor	Describance # 100400-1 KG	o, acopa document# 160465-1 and	Main dwg# CDZ8 SER	
Zachary Rubeor				
Zachary Rubecr	*		*	1
Zachary Rubecr				
Zachary Rubeor		•		* 1
I Zachary Rubecr [see rote 3] employed by Engineered Controls Internations and being the person having full authority and responsibility for the quality of the end product do solemnity declare that the Information contained in this form is true end 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 secondance 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 DOC Inc. as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowling that it is of the same force and effect as if made under oath. Signature of Declarer: Declared before me at This gay of				
declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath. Signature of Declarer: Declared before me at This day of AD OFFICIAL OFAI Commissioner of Oaths or Notary Public; (sign) This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of Commissioner of Oaths or Notary Public; (sign) CRN: OC23013.5 FID#: 1704 CD28 SER brass check device (Part# CD28, CD28T). 480psig @ -40F to 165F THE BOILER AND PRESSURE VESSEL ACT.	! Zachery Rubeor responsibility for the qua my knowledge represent temperature ratings, and manufacture of these fit	sury or the end product do solen its the product for which registra d identification markings are in s tings is regulated by a Quality (why declare that the Information conte ation is sought. The dimensions, male accordance with the herein named size control Program which extends to and	sined in this form is true and to the best of stals of construction, pressure
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	 All fittings shall be regil Each category shall be 	stered in the name of the Manufact	urer.	VESSELACT.
forms and one copy of supporting documentation.	forms and one copy of sur	poorting documentation.	\ C.R.	NOC2301351
3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.	3. The decisration shall b	e made by the parson having full at	uthority and	NED -
	4. Quality control program	ty or me and product. na shall be resubmitted for validation		1000 -1 0 0000
at a maximum interval of five (5) years. CRN expires Feb.18th, 2031 - DG DATE Whych Sect. 1.0 - Fittings Sev. 1 08/2003	at a maximum interval of t	No /5) vegre	" DAT	

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	NORTHWEST TERRITORIES	
MANUFACTURERS NAME	: Shanghal Rego Flow Techno	ology Co., Ltd.	
MANUFACTURERS ADDR	ESS: 6999 Chuanaha Rd., B	11, Chuanaha Industry Park Shanghai, China	1
PLANT LOCATIONS: Refe	r scope document # 15045e-1		
CATEGORY OF	FITTINGS TO BE REGISTER	ED. CIRCLE ONE CATEGORY ONLY	THE OF RESTANDARD SHOPERWAYS
A Pipe fittings, including co	ouplings, lees, elbows, Ys, plu	gs, unions, pipe caps, or reducers	
B Flanges: all flanges C Valves: all fine valves		The state of the s	ASME B31.3 2018 Edition
D Expansion loints, flexible	connections, and hose assen	mblios: all funes	ASME B31.3 2018 Edition
E Strainers, filtars, senarat	ore, and steam trans	A A A A A A A A A A A A A A A A A A A	
F Measuring devices, inclu pressure transmittens	ding pressure gauges, level gr	auges, aight glasses, levels, or	
G Certified capacity-rated a	pressure relief devices accepts	able as primary over pressure protection on	1
boliera, pressure vessels	s, piping and fusible plugs onents that do not fall into one		
N Nuclear roomonments: Ci	chents that do not tall into one	of the above calegories (Meeting CNSC or ASME requirements)	
thousand components. Co	WARET TO CIRREZ U CIRRES	Li, (Meeting CNSC or ASME requirements)	
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LIST OF SUPPOSTING HA	CHAPTER TOU AND INCH		
Refer scope document # 166		TIFICATION OF THE ACTUAL ITEMS TO BE	REGISTERED:
	0408-1 scope document # 160468-1 a		
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NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR		
MANUFACTURERS NAME:	Engineered Controls Internstic	mal LLC			
MANUFACTURERS ADDRE	SS: 100 Rego Drive, Elon, NO	27244 IISA	,		
PLANT LOCATIONS: Refer e	tonno donument de secono	D. CIRCLE ONE CATEGORY ONLY			
A L & L & B HYNLING WORLDING COTIS	oliners team alterna Ve atmos	LINGLE ONE CATEGORY ONLY	HIP CARLANDON DISTRIBUTION		
C Valves: all line valves D Expansion joints, flexible of E Strainers, filters, separation	onnections, and hose assemb		ASME B31.3 2018 Edition		
O G Certified capacity-rated pre	ng pressure gauges, level gauges	e as primary over pressure protection on			
O H Pressure retaining company	make that do not fall late				
A Macrain comboustits: Clas-	S 1 Claus 2 T Class 3 T	Alanting Chico America			
SHOW MANUFACTURERS N/	AME. TRADEMARK, OR LOG	QAS IT WILL APPEAR ON THE PRODUCT			
	FEG		TYPE OF CONSTRUCTION FORGED WELDED WROUGHT D CAST 12 OTHER D DESCRIBE OTHER		
LIST OF SUPPORTING DOCU	IMENTATION AND IDENTIFE	CATION OF THE ACTUAL ITEMS TO BE RE	GRIEGES.		
Refer scope document # 16046	ls-1	The state of the s	SIBTERED:		
Calculation # 16048c-1 R0, sco	08 document # 180.40- 1 1	M.L. 1			
,	Le googstptift & 100402-1 9110	Main owg# CD28 SER	*		
			-		
1	•				
DECLARATION:					
Zachary Rubeor [see note 3) employed by <u>Engineered Controls Internations</u> and being the person having full authority and my knowledge represents the product for which registration is sought. The dimensions product in this form is true and to the best of					
responsibility for the quality of	f the end product do solem	nly declare that the information contained	g the person having full authority and		
IMPROPERTY OF PANELS OF A Liber.	Ald	The state of the s	CIF CODGTO LORIGIN MANAGEMENT		
INSTITUTE CILITY OF MARK fifthmes	a manufadad bu . A . III a	ion is sought. The dimensions, materials occordance with the herein named standar	da. I further declare that the		
Of Its half and hoe hoon walks		WIND TO BE SELECTED AND THE SECOND SE	Of Whore februaries		
declaration conscientiously be	elleving it to be true, and kn	as being suitable for the	t purpose and I make this scienn		
- 1		as being suitable for the nowing that it is of the same force and effe	ect as if made under oath.		
Signature of Declarer:	need the	Range Comments of the Comments			
Declared before me at					
This day of	- AD	USETHIS	SPACE FOR		
Commissioner of Oaths	, , , , , , , , , , , , , , , , , , ,	OFFI OFFI	CIAL STAI		
or Notary Public: (sign)					
<u> </u>					
Thr.	This spe	ice for Regulatory Asthority use	NUNAWIT		
inist	egistration must be revalid	ated after ten (10) years from the date of	acceptance		
CRN: 0C23013.5	_	ated after ten (10) years from the date of	Boilers and		
FID#: 1704			Pressure Vessels Act		
	T	DE/	11		
CD28 SER brass check of 480psig @ -40F to 165F		CON DADA	GISTERED		
All fittings shall be registered ! Each rategory shall be suggested.	in the name of the Manufacture	CRN OC230	213.5N .		
		tion Date Felon			
forms and one copy of supporting 3. The declaration shall be made		1000	ary 26, 2021		
I saabassemely's int nie challes of the	end product	only and Signed	Mary 7		
- Welly control programs shall	has reasonable and for an it does		Miles 1.		
AT AT INTERNATIONAL DISSIPATION OF SINGLE (A) I	and are	Ch	er inseeclor		
CRN expires Feb. 18th, 20	031 - DG		Sect. 1.0 Fittings Rev. 1 06/2003		
,		[erritorial]	Domina II		
		l stritorial r	Registration Fee		
		The confidence was a second of the confidence of	The state of the s		

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS NEW BRUNSWICK NOVA SCOTIA PRINCE EDWARD ISLAND NEW BRUNSWICK NOVA SCOTIA PRINCE EDWARD ISLAND

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAM	ME: Shanghal Rego Flow Techno	logy Co., Ltd.	
MANUFACTURERS ADD	RESS: 6999 Chuansha Rd., B1	1, Chuansha Industry Park Shanghai, China	
PLANT LOCATIONS: Re	for scope document # 16046s-1	A CONTROL WAY WELL THE STATE OF	
CATEGORY O	FITTINGS TO BE REGISTER	D. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTIO
C Valves: all line valves C Valves: all line valves D Expansion joints, flexit E Strainers, filters, separ P Measuring devices, inc pressure transmitters G Certified capacity-rates boilers, pressure vess H Pressure retaining corr	ole connections, and hose assemators, and steam traps studing pressure gauges, level ga if pressure relief devices accepta its, piping and fusible plugs ponents that do not fail into one	uges, sight glasses, levels, or ble as primary over pressure protection on of the above ceteograps	ASME B31.3 2018 Edition
N Nuclear components:	Class 1 🗆 Class 2 🗔 Class 3 🖺	. (Meeting CNSC or ASME courtements)	
SHOW MANUFACTURER	S NAME, TRADEMARK, OR LO	SIO AS IT WILL APPEAR ON THE PRODUC	CAST III OTHER DESCRIBE OTHER
LIST OF SUPPORTING D	OCUMENTATION AND IDENTI	FICATION OF THE ACTUAL ITEMS TO BE F	EGISTERED:
Refer scope document # 1	6048s-1		
Calculation # 160460-1 RO	scope document # 16046s-1 an	d Main durit CD28_SED	
		I III ONE ODEO-OEK	
	•		
temperature ratings, and manufacture of these fitti or in part and has been v	s the product for which registi identification mandings are in ags is regulated by a Quality entitled by COC	by <u>Shanghal Rego Flow Technologs</u> and be made declare that the Information contain assign is sought. The dimensions, materia accordance with the herein named stand Control Program which extends to each passing suitable for the	ed in this form is true and to the best of its of construction, pressure ards. I further declare that the lant where fabrication occurs in whole
declaration conscientious	ly believing it to be true, and	as being suitable for the same force and e	fact as if made under seth
Signature of Declarer:	2 / 110		most de li litade under deln.
	Jung lace		
Declared before me at	0 0	USETHIS	SPACE FOR 11-
This day of	AD		ICIAL OFAL
Commissioner of Oaths or Notary Public: (sign)			TO THE STATE
	Yele	space for Regulator, Authority use.	
7	his registration must be rain	lidated after ten (10) years from the date	NUNAVIIT
	A Image MA (GAG		
CRN: 0C23013.5		N. 00.95	Boilers and
1704		Nuñavut	Pressure Vessels Act
FIUM:			
Notes: CD28, CD28 1. All fittings shall be regist 2. Each category shall be a forms and one copy of supp	rass check device (FT). 480psig @ -40F ared in the name of the Manufac apported with two Statutory Dec onting documentation.	to 165F turer. CRN OC23	
responsibility for the quality	made by the parson having full s	outhority and Date February	26,2021
 Quality control programs 	shall be resubmitted for velidation	Signed	and I.
at a maximum interval of flu	a (5) vage		Sea 10 FM
UKIN expires	Feb. 18th, 2031 - DO	G CH	el in Sector Fittings Rev. 1 08/2003
			
		Territorial I	Registration Fee