

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

www.tssa.org

January 13, 2017

CHAD THOMAS
ENGINEERED CONTROLS INTERNATIONAL LLC
100 REGO DR
ELON NC 27244
US

Service Request Type: BPV-Fitting Registration

Service Request No.: 2000542

Your Reference No.:

Registered to: ENGINEERED CONTROLS INTERNATIONAL LLC

Dear CHAD THOMAS,

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

CRN No.: 0H19084.5

Main Design No.:

Dwg. No. BK9408-SQ1 Rev D, 1" Globe Valve c/w 1" pipe Inlet & Flanged Outlet.

Expiry Date:

13-Jan-2027

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

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.

Mark Valcic P. Eng. Engineer BPV

Tel.: 416-734-3494 Fax: 416-231-1626 Email: mvalcic@tssa.org





9

National Design Registration Application for a CRN

Technical Standards and Safety Act Boilers and Pressure Vessels Regulation

INTAKE GROUP

Date of Application (mm/dd	Expedited Service (please	attached request form)	Date: 2000 542 - 0
Please indicate the type of Existing CRN:		Vessel ☑ Fitting	Agent 2000 5 44 - 1
Section A: Submitter Company Name: ENGINEERED CONTROLS	NTERNATIONAL, LLC.	Section B: Invoicee Company Name:	Same as: ✓ A ☐ C ☐ D
Address: 100 REGO DRIVE	AND MORE THE STATE OF THE STATE	Address:	
City/Town: ELON	Province/State: NC	City/Town:	Province/State:
Postal/Zip Code: 27244	Country: USA	Postal/Zip Code:	Country:
Telephone: 336-449-7707	Fax:	Telephone:	Fax:
Contact Name: CHAD THO	MAS	Contact Name:	
E-mail: cthomas@regoprodu	cts.com	E-mail:	
Job No./Reference:		Purchase Order No.:	
Drawing/Catalog No.: 13	K9408-5Q1		
Acct/Cust No.: A - 4 CO	283 c913915	Acct/Cust No.:	
Section C: Owner of D	esign/CRN Same as: 📝 A 🔲 B 🔲 D	Section D: Manufactu (If more then one please a	DOMEST TO STATE OF THE PARTY O
Company Name:		Company Name:	
Address:		Address:	
City/Town:	Province/State:	City/Town:	Province/State:
Postal/Zip Code:	Country:	Postal/Zip Code:	Country:
Telephone:	Fax:	Telephone:	Fax:
Contact Name:		Contact Name:	
E-mail:		E-mail:	
Acct/Cust No.:		Acct/Cust No.:	
Registration required in the	ne following jurisdictions:		
✓ Ontario ✓ British Columbia ✓ Alberta	Quebec	New Brunswick Nova Scotia Prince Edward Island	 ✓ Newfoundland and Labrador ✓ Yukon ✓ Northwest Territories ✓ Nunavut
	\$600.00 - Ontario and up to 2 additional pro	vinces	- Ontario and 3 or more additional provinces
			ve deposit amount will be invoiced at that time.)
Return mail address:			ame:
Signed:	1. Jung	Date (nhm/dd/yyyy): 12	
Date: JAN 13, 12 (mm/dd/yyyy)	PIT Reviewing Engineer	ann Valcie c	RN Issued: 07 19064.5
PV 09557 (06/16)	/		



Fechnical 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



V do solemnly declare that the fittings listed hereunder, which are subject to the Technical Standards and Safety Act, Boilers or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with as supported by the attached data which identifies the dimensions, material of construction, type fittings. In support of (Title of recognized North American Standard) Which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service; I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO90001 Which has been verified by the following authority, UNDERWRITERS LABORATORY INC (Fax No.) pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service. 336-449-7707 STATUTORY DECLARATION (Telephone No.) (Name and Position, e.g. President, Plant Manager, Chief Engineer) Registration of Fittings and Pressure Vessels Regulation, comply with all of the requirements of The items covered by this declaration, for which I seek registration, are category "H" Name of Manufacturer, this application, the following information and/or test data are attached as follows: SEE ATTACHED LIST of ENGINEERED CONTROLS INTERNATIONAL. LLC Located at 100 REGO DRIVE, ELON, NC - 27244 , CHAD THOMAS, VP GLOBAL ENGINEERING (Plant Address)

ALAMANCE COUNTY MARISA E. ELLIOTT NORTH CAROLINA NOTARY PUBLIC

or Mamana, NC

Declared before me at Erymnecko Controls Int 1/ Elm the COUNTY

day of December AD 20 16

E Z

Commissioner for Oaths:

Wandy E. Ellis Marisa E Elliot

(Signature)

(drawings, calculations, test reports, etc.)

my cummission expires 8/31/2021

gram ssels Safety Pro

Standards and Safety Authority Technica 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 FOR OFFICE USE ONLY

CSA Standard B51 and is acc

4/3,

AN 13,

Dated:

Registered by:

CRN:

CIN I PIPE INLET & FLANGED DUTLET NOTE: DWG NO. BK 9408 KEV.D. NOTE: This registration expires on:

JA18/17

System	Description	Drawing Number	Body Number	Body Material	Service Pressure
BK9408- SQ1	Globe Valve	B-9407-1C	B-9408PS-2	Bronze Cast Alloy, UNS C92200, ASTM B61	009
		1337A- 22 SER	1337A-22B	Stainless Steel Pipe, ASTM A312, TP304L	009
		B-9408-22	B-9408-22	Stainless Steel Pipe, ASTM A249, TP304L	009
		450073	450073	Stainless Steel Pipe, ASTM A312, TP304L	009
unrespondent .	Number Number BK9408- SQ1		Description Globe Valve	Description Drawing Number B Globe Valve B-9407-1C 1337A-22 SER B-9408-22 450073 450073	Description Drawing Number Body Number Globe Valve B-9407-1C B-9408F5-2 1337A-22 SER 1337A-22B B-9408-22 B-9408-22 450073 450073





345 Carlingview Drive Toronto, Ontario CANADA M9W 6N9 Tel.: 416.734.3300 Fax.: 416.231.1626

Toll Free: 1.877.682.8772

www.tssa.org

March 16, 2017

CHAD THOMAS ENGINEERED CONTROLS INTERNATIONAL LLC 100 REGO DR ELON NC 27244 US

Service Request Type.: BPV-National BC

Service Request No.: 2019382

Your Reference No.:

Registered to.: ENGINEERED CONTROLS INTERNATIONAL LLC

Dear CHAD THOMAS,

Please find enclosed the original response from BC, registered under the CRN No.: 0H19084.51.

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you. For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Joanna Karpinski Tel: 416-734-3377 Fax: 416-231-6183

Email: jkarpinski@tssa.org



505 - 6th Street, Suite 200 New Westminster, BC V3L 0E1

> Toll Free: 1-866-566-SAFE Fax: (778) 396 - 2064 www.safetyauthority.ca

TECHNICAL STANDARDS & SAFETY AUTHORITY 345 CARLINGVIEW DRIVE TORONTO ON M9W 6N9

Date:

February 7, 2017

Account #: 35231 Journal #: 67272 Our File #: 5611227

Attn: TANYA FRANCIS

Application for Design Registration

The design, as detailed in your, TSSA SR# 2019382, for a Fitting is accepted for registration as follows:

Registered To: ENGINEERED CONTROLS

CRN:

0H19084.51

INTERNATIONAL LLC

MAWP: 600 psig

Drawing #: BK9408-SQ1

Drawing Revision: D

Conditions Of Registration:

Registration of 1" Globe Valve c/w 1" pipe Inlet & Flanged Outlet per scope & dwg sheets (att'd 2 pgs). 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 January 13, 2027. 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.

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

SHARON PETERS

boiler.designregistration@safetyauthority.ca Design Administration

cc:

rvice	SSUTE		000		6	000	000	000	5	000
ody Material	Body Matérial Ser								Stainless Steel Pipe, ASTM A312 TP3041	
a		Bronze Cast Alloy, UNS C92200 ASTM B61		Chainland	ordiniess Steel		Stalliess Steel		Stainless Steel	
Body Number		B-9408PS-2		1337A-22R	777	B-9408-22	2 2 100 55	450073	570051	
Drawing Number Body Number		B-9407-1C		133/A-22 SER		B-9408-22		450073		
Description	Globo Velus	alone valve								
System	BK9408-	SQ1								
Category	Ξ									





То:	TSSA	From:	Janet Townsend	
Company:	Engineered Controls International, LLC	Phone:	416-747-4291	
Pages:	8	Location:	Toronto	3888
Our File:	ANR-4432	Date:	April 4, 2017	

Your File: 2019386

Subject: Request for Design Registration

Dear Ms. Francis,

CSA has reviewed the documentation submitted by TSSA on behalf of Engineered Controls International, LLC.

These fittings have been registered by CSA for the Province of Québec. In accordance with an agreement between CSA, the Provinces of Québec and Saskatchewan; this registration is recognized by Quebec and Saskatchewan. These fittings are acceptable for use in these Provinces.

The letters CSA will be applied as a prefix to the CRN indicate which fittings have been registered in this manner. A copy of the stamped Statutory Declaration is attached.

The CRN is CSA-0H19084.56.

A copy of the Statutory Declaration with an original stamp affixed will be forwarded to you along with our invoice by regular mail.

Yours truly

Janet Townsend

Account Manager

CSA Group

REGISTERED © 524 CRN: CSH-0419084,176

Registration Process administered by CSA Group per CSA B51

Technical Review performed per CSA B51 Performed by: ANRIC Enterprises Inc.

Signed: OSSNICO

31 March 2017



345 Carlingview Drive Toronto, Ontario CANADA M9W 6N9 Tel.: 416.734.3300 Fax.: 416.231.1626

Toll Free: 1.877.682.8772

www.tssa.org

May 03, 2017

CHAD THOMAS ENGINEERED CONTROLS INTERNATIONAL LLC 100 REGO DR ELON NC 27244 US

Service Request Type.: BPV-National MB

Service Request No.: 2019400

Your Reference No.:

Registered to.: ENGINEERED CONTROLS INTERNATIONAL LLC

Dear CHAD THOMAS,

Please find enclosed the original response from MB, registered under the CRN No.: 0H19084.54.

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you. For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Joanna Karpinski

Tel: 416-734-3377 Fax: 416-231-6183

Email: jkarpinski@tssa.org



Inspection and Technical Services Manitoba

508 - 401 York Avenue Winnipeg Manitoba R3C 0P8 T (204) 945-3373 F (204) 948-2309

www.firecomm.gov.mb.ca/codes_steam_pressure.html

April 12, 2017

TSSA 345 Carlingview Drive Toronto, ON M9W 6N9

Attn: Tanya Francis

REGISTRATION OF VALVES AND FITTINGS

Manufacturer: ENGINEERED CONTROLS INTERNATIONAL LLC

The design(s) for the following Valves/Fittings has been received by us and has been examined and accepted for registration in the Province of Manitoba as follows.

DRAWING / CATALOGUE	CRN	FILE
BK9408-SQ1 REV.D		
1" GLOBE VALVE C/W 1" PIPE INLET & FLANGED	0H19084.54	37532
OUTLET		

An invoice covering survey and registration fees is enclosed.

NOTE: CRN registered under reciprocal agreement & is conditional based on compliance with the notes set by the original issuing Jurisdiction: **TSSA**. This registration expires **January 13, 2027**.

This registration is valid until the indicated expiry date only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date. Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

The registration of this design does not relieve the manufacturer, the owner or his agent of the responsibility for the design or construction of a fitting in accordance with the applicable Acts, Codes and Standards. Inspection and Technical Services assumes no responsibility by registering designs, examining plans and/or inspecting equipment or facility.

Regards,

Ryan Orlesky, C.E.T.

Design Surveyor

Office of the Fire Commissioner

Inspection and Technical Services Manitoba

508 - 401 York Avenue

Winnipeg, Manitoba, R3C 0P8

Phone: 204-945-3373

Email: ryan.orlesky@gov.mb.ca



Technical Standards and Safety Authority 345 Carlingview Drive Toronto, Ontario M9W 6N9

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



I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of SO90001 which has been verified by the following authority, UNDERWRITERS LABORATORY INC of ENGINEERED CONTROLS INTERNATIONAL. LLC this application, the following information and/or test data are attached as follows: Located at The items covered by this declaration, for which I seek registration, are category "H" SEE ATTACHED LIST 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 CHAD THOMAS, VP GLOBAL ENGINEERING or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service. (Title of recognized North American Standard)
which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service; 100 REGO DRIVE, ELON, NC - 27244 (Name and Position, e.g. President, Plant Manager, Chief Engineer) STATUTORY DECLARATION , as supported by the attached data which identifies the dimensions, material of construction, (drawings, calculations, test reports, etc.) Registration of Fittings (Name of Manufacturer) (Telephone No.) 336-449-7707 type fittings. In support of (Fax No.)

Declared before me at ENWILLIED (MTW S INT) / In the

a Commissioner, etc., City of Toronto, for the Technical Standards & Safety Authority Expires July 24, 2019. Colleen Anne Ratcliff,

Commissioner for Oaths:

day of DECEMBER AD 2016

DWTZ

of Alamanic, NC

Marisa E. Elliot Mandy E. (Printed name) (Signature) (Signature of Declarer)

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

FOR OFFICE USE ONLY

Technical Services
Manitoba

Office of the Fire Commissioner

Manitoba %

REGISTERE

CRN:

CSA Standard B51 and is accepted for registration in Category

NOTE: This registration expires on:

PV 09553 (06/16)

Dated:

Registered by:

7017

Date: Signed

1/01

C.R.N.: OH

ALAMANCE COUNTY MARISA E. ELLIOTT NORTH CAROLINA NOTARY PUBLIC

my cummission expires \$/31/2021



345 Carlingview Drive Toronto, Ontario CANADA M9W 6N9 Tel.: 416.734.3300 Fax.: 416.231.1626

Toll Free: 1.877.682.8772 www.tssa.org

April 11, 2017

CHAD THOMAS ENGINEERED CONTROLS INTERNATIONAL LLC 100 REGO DR ELON NC 27244 US

Service Request Type.: BPV-National ACI Central

Service Request No.: 2019378

Your Reference No.:

Registered to.: ENGINEERED CONTROLS INTERNATIONAL LLC

Dear CHAD THOMAS,

Please find enclosed the original response from PEI,NS,NB,NFLD,YK,NWT,NU, registered under the CRN No.: 0H19084.59870YTN.

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you. For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Tanya Francis Administrative Assistant_ BPV Engineering

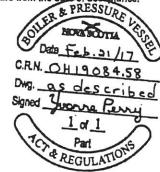
Tel.: 416-734-3423 Fax: 416-231-6183 Email:tfrancis@tssa.org

UNIFORM STA	TUTORY DECLARATION FO	RM FOR THE REGISTRATION	OF FITTING DEGICALS
NEW BRUNSWICK NUNAVUT	NOVA SCOTIA P	RINCE EDWARD ISLAND IORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME;	Engineered (Contrale that	Fi - 0 1/ 5
MANUFACTURERS ADDRES	S: VIOC 13	Prive EP-	tional ILC
PLANT LOCATIONS:	and a some		-27264
CALEGORY OF FIT	TINGS TO BE REGISTERED. CIRC	LE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including coup B Flanges: all flanges	lings, tees, albows, Ys. plugs, unions	pipe caps, or reducers	
C Valves: all line valves			10000 000
D Expansion Joints, flexible co	onnections, and hose assemblies: all	types	ASME 831.1
E Strainers, filters, separators .F Massuring devices, includin	g pressure gauges, level gauges, skil	ni nigagan lavala ee	
Piesenie naustutiera			
I DONOIS, PIUSAULO SOSADIS, D	saure relief devices acceptable as prin		
Pleasure retaining compone	ents that do not fall into one of the abo	eve categories	
N Nuclear components: Class	1 🗆 Class 2 🗆 Class 3 🔾, (Meeti	ng AECB or ASME requirements)	
SHOW MANUFACTURERS NA	ME. TRADEMARK, OR LOGO AS I	WILL APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION
DERE			FORGED O WELDED O WROUGHT O CAST O OTHER O DESCRIBE OTHER:
	(8)		DESCRIBE OTHER:
		2	
LIST OF SUPPORTING DOCU	MENTATION AND IDENTIFICATION	OF THE ACTUAL ITEMS TO BE RE	
		OF THE ACTUAL HEMS TO BE RE	GISTERED:
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		*	141

DECLARATION:		T 2 + 1 + 1	
esponsibility for the quality of	I the end product do solemnly de	large that the information contains	ng the person having full authority and 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
manufacture of these fillings I	is regulated by a Cualify Control	ice with the nerein named standa	Ma. I further declare that the
or in part and has been verifie	1 CAL (4 /100 07) value	rogram which extends to each pig	int where fabrication occurs in whole
declaration conscientiously be	alleving it to be true, and knowing	that it is of the same force and eff	ect as if made under path
Signature of Declarer:	of M. James	L	
Declared before me at Eng	Ducied Compale Tuyl	Ph. a	SA E. ELLIOTT
This 16th day of De	Campac 7011	EUN USETHNOT	TARK PUBLICR THE
	cember ad 2016	AEAM	ANCE COUNTY
Commissioner of Oaths	Jansy E. Elliots	. NOR	TH CAROLINA .
	(Affix Official soul to the right)	my cum	11557M expires 8/31/2021
		Regulatory Authority use	11227 3141 3141 4 31725
This	registration must be revalidated a	fter ten (10) years from the date o	l accontance
0110007			
CRN: 0119064.3	× ×	ACCEPT PROVINCE OF PRINCE I	
FID#:1704	_	COMMUNITIES, LAND	
Matan		CRN 04 190	84.55
Notes: 1. All fittings shall be registered.	in the name of the Manufacturer,	C 0	2///2
2. Each category shall be suppo	orted with two Statistory Declaration	DATE: FEX	2 241+
forms and one copy of supporting	g documentation. a by the person having full authority a	5	
responsibility for the quality of the	e end product.		DEC CECTION
Quality control programs shall	be resubmitted for validation	INSPECTION SERVIOR BOILER/PRESSURE VI	
at a maximum interval of five (5)	уевга.	DOMERO I RESSURE VI	WEL BRAUCH

UNIFORM STATUTORY DECLARATION FORM FO	R THE REGISTRATION	OF FITTING DESIGNS
NEW BRUNSWICK NOVA SCOTIA PRINCE ET NUNAVUT YUKON NORTHWE		NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME: Engineered Contro	No Antania	tional UC
MANUFACTURERS ADDRESS: 100 Partition		
PLANT LOCATIONS: Carrie of above	, cron, Noc.	-24264
CATEGORY OF FITTINGS TO BE REGISTERED, CIRCLE ONE	CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including couplings, tess, elbows, Ys, plugs, unions, pipe cap		
B Flanges: all flanges C Valves: all flane valves	• () () () () () () () () () (40.44 50.
D Expansion joints, flexible connections, and hose assembles: all types		ASME-831.1
E Strainers, filters, separators, and steam trans	2	
F Measuring devices, including pressure gauges, level gauges, sight glasses pressure transmitters	353	
G Certified capacity-rated pressure relief devices acceptable as primary over boilers, pressure vessels, piping and fusible plugs Lippessure retaining components that do not fall into one of the above category.	107	
N Nuclear components: Class 1 🗆 Class 2 🗆 Class 3 🗇, (Meeting AECB	orles	
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL A	or ASME requirements)	
STREET OF STREET	PPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION FORGED WELDED WROUGHT
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I KEGIGIY		
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE	ACTUAL ITEMS TO BE RE	SISTEDED.
	THE PARTY OF THE P	SISTEMED
Se affached list	*	
The wildings	*	
		r
	* *	6
DECLARATION:	2 2 12	
responsibility for the quality of the and product do as least to the	and beir	ig the person having full authority and
my knowledge represents the product for which registration is equality	The dimension contained	In this form is true and to the best of
terriperetare religios. And identification mantings are in eccamence was	the herein memod stands	
or in part and has been verified by 150 700// 01 100 c. declaration conscientiously believing it to be true, and knowing that it is	_ as being suitable for the	it purpose and I make this solemn
	or the same force and en	ect as il made under dain.
Signature of Declarer:	MARI	SA E. ELLIOTT
Declared before me at Engineered Controls Intl/Elim	USETHNOT	TARY PUBLICE THE
This 16th day of December AD 2016	7.190.24 CHARLES	ANCE COUNTY
Commissioner of Oathe		
or Notary Public: (sign) Revisit & Ellist		TH CAROLINA
(Affix Official seal to the right)	my cann	11557M expires \$/31/2021
This space for Regulate		
This registration must be revalidated after ten	(10) years from the date e	Feecentance.
0410004 5	12 & PR	ESSURE
CRN:	Oil En MOR	× (80)
FID#:1704	(8) mm =	THE THE
30 S-100 G	Chi	5.31/17
Notes:	C.R.N. OH	9084.58
All fittings shall be registered in the name of the Manufacturer.	DWg. as a	escribed
2. Each category shall be supported with two Statutory Declaration	Sloped U.	D

- 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.
 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.
 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.



UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	8-01-0	0 1 1 0 1	f: 0
MANUFACTURERS ADDRES	Engineered	Controle Intenno	trandille
PLANT LOCATIONS:	Nego	Dorive, Elon, NC	-27244
CATEGORY OF FIT	TINGS TO BE REGISTERED. C	CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including coup	olings, tees, elbows, Ys, plugs, un		THE STANDARD OF CONSTRUCTION
B Flanges: all flanges C Valves: all line valves		The cope, or reduced	15 25 25
D Expansion joints, flexible co	onnections, and hose assemblies:	all types	ASME B31.1
E Strainers, filters, separators	and steam traps	1.5.5	
pressure transmitters	g pressure gauges, level gauges,		
G Certified capacity-rated pre-	ssure relief devices acceptable as	s primary over pressure protection on	
boilers, pressure vessels, p	piping and fusible plugs ents that do not fall into one of the	shove estagarias	
N Nuclear components: Class	s 1 □ Class 2 □ Class 3 □. (M	leeting AECB or ASME requirements)	
SHOW MANUFACTURERS NA	ME, TRADEMARK, OR LOGO	AS IT WILL APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION
	The state of the s		FORGED WELDED WROUGHT
DEGA	(R)		CAST OTHER DESCRIBE OTHER:
- In the seculation of the sec			20
LIST OF SUPPORTING DOCU	JMENTATION AND IDENTIFICA	TION OF THE ACTUAL ITEMS TO BE RE	SISTERED:
0 10	1 1 1. 4.		
De attal	ched list.		
767			
8			
DECLARATION:			
1 Charl Thomas	(see note 3) employed by	FCI, ILC and beir	on the person having full outhout and
coporisionity for the quality of	i lile ella bioduct do solemniv	(Declare that the information contained	in this form is the said to the said to
my miomicago represents the	Dioduct for which redistration	n is sought. The dimensions, materials ordance with the herein named standar	of construction processes
manuacture of these fiftings	is requiated by a Cluality Cont	ml Program which extends to each als	_4
or in part and has been venile	ed by (SI) /W// VL.IA	2 as heing suitable for the	t number and I make this as I
declaration conscientiously b	alleving it to be true, and know	wing that it is of the same force and effe	ect as if made under oath.
Signature of Declarer:	led M. Jun	MADI	SA E. ELLIOTT
	incred Controls Int	1 / 6	
	cember AD 201	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ARY PUBLIC THE
tills day of _DC	AD POL	ALAM	ANCE COUNTY
Commissioner of Oaths or Notary Public: (sign)	1 misu E. Elliott	NQR	TH CAROLINA
	(Affix Official seal to the right)	my climin	issim expires 8/31/2021
		of for Regulatory Authority 155	Street
This	registration must be revalidate	ed after ten (10) years from the date of	accept and
0410084 5		GEPT OF PUBL	IC SAFETY
CRN:	_	Boller & Pressur	E VESSEL ACT
FID#:1704		BECIGTOATIO	
		REGISTRATK	HICACH ET
Notes:		CRN	419084.37
1. All fittings shall be registered	I in the name of the Manufacturer.	(1)	
Each category shall be suppr forms and one copy of supporting	orted with two Statutory Declaration	ON EXAMINER:	a (reserve
The declaration shall be mad	le by the person having full author		
responsibility for the quality of th	ne end product.	CHIEF BOILER I	SPECTOR
 Quality control programs sha at a maximum interval of five (5) 	ii de resubmitted for validation vears.		17 2017
		DATE: <u>Feb.</u>	11, 50, 1
		☐ BLRs ☐	PVs
			. ••
		X FITTINGS	COMPONENTS

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS **NEW BRUNSWICK NOVA SCOTIA** PRINCE EDWARD ISLAND NEWFOUNDLAND AND LAERADOR NUNAVUT YUKON NORTHWEST TERRITORIES MANUFACTURERS NAME: MANUFACTURERS ADDRES 10C-27264 PLANT LOCATIONS: above CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY TITLE OF THE STANDARD OF CONSTRUCTION A Pipe fittings, including couplings, teas, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges ASME B31.1 C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs

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

N Nuclear components: Class 1 □ Class 2 □ Class 3 □, (Meeting AECB or ASME requirements) SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT

H-Pressure retaining components that do not fall into one of the above categories

TYPE OF CONSTRUCTION FORGED D WELDED D WROUGHT D
CAST OTHER D
DESCRIBE OTHER:

See affached list.

responsibility for the quality of the end product do solemnly declare that the informy knowledge represents the product for which registration is sought. The dim temperature ratings, and identification markings are in accordance with the here manufacture of these fittings is regulated by a Quality Control Program which er or in part and has been verified by (50 700/02) 02 as being declaration conscientiously believing. It to be true, and knowing that it is of the s	ormation contained in this form is true and to the best of ensions, materials of construction, pressure eight named standards. I further declare that the stends to each plant where fabrication occurs in whole
This day of December AD 2016	MARISA E. ELLIOTT SETHNOTARY BUBLICR THE AEAMANGE COUNTY NORTH CAROLINA
commissioner of Oaths or Notary Public: (sign) WWW E. EUUTH (Affix Official seal to the right) This space for Regulatory Author	my commission expires \$31/2021

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

OH19084.5 CRN:

DECLARATION

FID#: 1704

1. All fittings shall be registered in the name of the Manufacturer.

2. Each category shall be supported with two Statutory Declaration forms and one copy of aupporting documentation.

3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.

4. Quality control programs shall be resubmitted for validation

at a maximum interval of five (5) years.

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Service NI

Registered OH

Engineering and Inspect Registered by

UNDER THE AUTHORIT PUBLIC SAFETY ACT AND THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULATION

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAM	E: Engineered	0.11	· [-]
MANUFACTURERS ADD	RESS: 100 Ress	N " =0	etional. ll
PLANT LOCATIONS:	C- 100		C-24244
CATEGORY OF	FITTINGS TO BE REGISTERED.	CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including of	couplings, tees, elbows, Ys, plugs, u		TIPITO TIPITO TO T
B Flanges: all flanges C Valves: all line valves			1500 821.
D Expansion joints, flexib	le connections, and hose assemblie	s: all types	ASME B31.1
E Strainers, filters, separa	ators, and steam traps Iuding pressure gauges, level gauge	s sight glasses lovels or	
pressure transmitters			1
boilers, pressure vesse	l pressure relief devices acceptable : als, piping and fusible plugs	as primary over pressure protection on	
H Pressure retaining com	ponents that do not fall into one of ti		
N Nuclear components:	Class 1 🗆 Class 2 🗆 Class 3 🗖, ((Meeting AECB or ASME requirements)	
SHOW MANUFACTURER	S NAME, TRADEMARK, OR LOGO	AS IT WILL APPEAR ON THE PRODU	
n ra			FORGED WELDED WROUGHT CAST , OTHER DESCRIBE OTHER:
			DESCRIBE OTHER
The state of the s			
LIST OF SUPPORTING D	OCUMENTATION AND IDENTIFIC	ATION OF THE ACTUAL ITEMS TO BE	REGISTERED:
	0 4 1 1-1		1
See aft	ached list.		٠ .
	, , , , , , , , , , , , , , , , , , , ,		
		2 34	
DECLARATION:			
1 Chad Thom	O.C. (see note 3) employed b	by FCT, ILC and	being the person having full authority and
responsibility for the qua	lity of the end product do solemi	nly declare that the information conta	lined in this form is true and to the heat of
temperature ratings, and	Identification markings are in ac	ion is sought. The dimensions, mate cordance with the herein named sta	ndards. I further declare that the
manufacture of these fitt	ings is regulated by a Quality Co	introl Program which extends to each	n nlant where fahrication again in what-
declaration consciention	sly believing it to be true, and kn	owing that it is of the same force and	r that purpose and I make this solemn
18 20 (80)	10/ 2/1 7/		
Signature of Declarer:	11.	MA	RISA E. ELLIOTT
	Engineered Controls In		OTARY PUBLIC THE
This 16 m day of	December AD 20	olb AEA	FMANCE COUNTY
Commissioner of Oaths	MARIAN G CARIET	l NC	ORTH CAROLINA
or Notary Public: (sign) _	MATCHINA C. CECON		mmission expires \$31/204
	(Affix Official seal to the right)		Ministry element dellact
		ace for Regulatory Authority use lated after ten (10) years from the da	ate of acceptance
0810087		indica and ten (10) yours nom the de	in or acceptance.
CRN:	, ,		JEN?
FID#:1704			JERONNE VI ON TEL
			G By CO Z
Notes:			CRN 0H19084.5
1. All fittings shall be regis	stered in the name of the Manufactur	rer.	DATE 2/2/7/2017
forms and one copy of sur	supported with two Statutory Declar porting documentation.	ration	ON ERS BRANCH
3. The declaration shall be	e made by the person having full aut	thority and	
responsibility for the qualit 4. Quality control program	ly of the end product. is shall be resubmitted for validation		
at a maximum interval of f			

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS NEW BRUNSWICK NOVA SCOTIA PRINCE EDWARD ISLAND NEWFOUNDLAND AND LABRADOR NUNAVUT YUKON NORTHWEST TERRITORIES MANUFACTURERS NAME: MANUFACTURERS ADDRESS PLANT LOCATIONS: CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY TITLE OF THE STANDARD OF CONSTRUCTION Pipe fittings, including couplings, toos, elbows, Ya, plugs, unions, pipe caps, or reducers C Valves: all line valves ASME-831.1 D Expansion joints, flexible connections, and hose assemblies: all types & Strainers, filters, separators; and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or preseure transmitters G Cartified capacity-rated pressure relief devices acceptable as primary over pressure protection on bollors, pressure vessels, piping and fusible plugs B Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 □ Class 2 □ Class 3 □, (Meeting AECB or ASME requirements) SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT TYPE OF CONSTRUCTION FORGED WELDED IN WROUGHT IN CAST OTHER IN DESCRIBE OTHER: LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: Se attached list. DECLARATION; _tee note 3) employed by_ F.CI. and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the as being suitable for that purpose and I make this selemn declaration conscientiously believing, it to be true, and knowing that it is of the same force and effect as if made under outh, Signature of Declarer: MARISA E. ELLIOTT Daciared bosoro mo at Engineered Controls Int USETHNOTARY PUBLICE THE 1640 day of December AEAMANCE COUNTY Commissioner of Oaths NORTH CAROLINA or Notary Public: (sign) _ my commission expires 8/31/2024 (Affix Official soci to the right) This space for Regulatory Authority uso This registration must be revalidated after ten (10) years from the date of acceptance OH19084.5 FID#: 1704 \$2.00 REGISTERED UNDER THE AUTHORITY OF 1. All fillings shall be registered in the name of the Manufacturer. THE BOILER AND PRESSURE 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.

3. The declaration shall be made by the person having full authority and VESSEL ACT. C.R.N. <u>OH19084</u> responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation SIGNEDS at a maximum interval of five (5) years. DATE TOD

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To:ACI Central

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UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWAR NORTHWEST TO	D ISLAND ERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAM	E Engineered	a Late	4.1	. /2
MANUFACTURERS ADD	RESS: 100 Reed	· Darino	PΛ	netional. UC
PLANT LOCATIONS:	Same or abo	we see	kan, l	10C-24244
	FITTINGS TO BE REGISTERED.	CIRCLE ONE CATE		TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including a B Flanges: all flanges	couplings, tees, elbows, Ys, plugs, u	inions, pipe caps, or r	educers	
C Valves: all line valves				ASME 831.1
D Expansion joints, flexib E Strainers, filters, separe	le connections, and hose assemblie	s: all types		/ / / /
.F Measuring devices, inc	luding pressure gauges, level gauge	s, sight glasses, level	s, or	
G Certified capacity-rated	i pressure relief devices acceptable	as primary over press	ura protection on	.
Dollers, pressure vesse	els, piping and fusible plugs aponents that do not fall into one of t		ara protocolon on	
N Nuclear components:	Class 1 Class 2 Class 3 ,	ne above categories (Meating AFCR or AS	ME requirements	,
SHOW MANUFACTURER	S NAME, TRADEMARK, OR LOGO	AS IT WILL APPEA	R ON THE PRO	DUCT TYPE OF CONSTRUCTION
				FORGED WELDED WROUGHT CAST OTHER O
	(A) (B)		39	DESCRIBE OTHER:
LIST OF SUPPORTING D	OCUMENTATION AND IDENTIFIC	ATION OF THE ACT	IIAI ITEMS TO	DE DECIGIEDES.
	•	- TITLE OF	VALITEMS (V)	DE REGISTERED:
	0 1 1 1	•		
See aft	ached list.			
	**************************************		(20)	
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DECLARATION:				
responsibility for the qua	lity of the and product de select	y ECI, II	<u>C</u> ar	nd being the person having full authority and
mi michicodo lebieselli	S UID DIDUUGI IOI WINCH PROISTRATI	OR IS SOUNDS I BO /	imonoione me	na being the person having full authority and ntained in this form is true and to the best of sterials of construction, pressure
temperature ratifigs, and	idenuncation markings are in ac	comance with the I	appain named a	tondords I findbas dealers that it
or in part and has been v	rerified by ISD 900// 02.1	C as	n extends to ea being suitable	ich plant where fabrication occurs in whole
declaration conscientious	sly believing it to be true, and kn	owing that it is of th	e same force a	for that purpose and I make this solemn and effect as if made under oath.
Signature of Declarer:	led M. In	mg-	M	ARISA E. ELLIOTT
Declared before me at 1	Enginecied Controls In-	HI/Elan		NOTARK PUBLICR THE
1		16		AMANCE COUNTY
Commissioner of Oaths		The Contract of the Contract o		ORTH CAROLINA
or Notary Public: (sign) _	Marisy E. Elliot			
	(Affix Official seal to the right)		100	unmission expires \$31/2021
	This spa This registration must be revalid	ace for Regulatory Au	horberse"	NUNAVUT
0110004		atod after terr (10)		. Doiless - 1
CRN:			Nuriavu	Pressure Vessels Act
FID#:1704			1	
				REGISTERED
Notes:			CRN E)H19084, SN
All fittings shall be regis Each category shall be	stered in the name of the Manufactur supported with two Statutory Declar	er, ation	Data	
forms and one copy of sup	porting documentation.		Date	-eb 17, 2017
responsibility for the quality	e made by the person having full aut y of the end product.	nomy and	Signed	- Million h.
 Quality control program at a maximum interval of fit 	is shall be resubmitted for validation			Chief inspector
- 2 moviming innorant of it	TO (O) YOUIS.			() ()
			Terri	torial Registration Fee
	S			- Caration ree