

345 Carlingview Drive Toronto, Ontano M9W 6N9 Tel. 416 734 3300 Fax 416 231 1626 Toll Free 1 877 682 8772

www.tssa.org

May 17, 2018

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

Service Request Type: BPV-Fitting Registration

Service Request No.: 2300260

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.: 0H20354.5

Main Design No.: Dwg. No. MVE13D Rev. A, Manifold Vent Circuit HL

Expiry Date: 17-May-2028

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 Specialist BPV

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



Technical Standards and Safety Authority 3/15 Carlingview Drive Toronto, Ontario M9W 6N9 Fax: 416.231.6183 Customer Service: 1.877.682.8772 www.tssa.org

National Design Registration Application for a CRN

Technical Standards and Safety Act Boilers and Pressure Vessels Regulation MU

		INTAKE GROUP
Date of Application (mm/dd/yyyy): 12/16/2016 Expedited Service (please	-Hhl	Date: 3300260-0
Please Indicate the type of design: Boiler Pressure Existing CRN: (if applicable)	/essel ☑ Fitting	gent 3300266
Section A: Submitter Company Name: ENGINEERED CONTROLS INTERNATIONAL, LLC.	Section B: Invoicee Company Name:	Same as: ✓A C D
Address: 100 REGO DRIVE	Address:	
City/Town: ELON Province/State: NC	City/Town:	Province/State:
Postal/Zip Code: 27244 Country: USA	Postal/Zip Code:	Country:
elephone: 336-449-7707 Fax:	Telephone:	Fax:
Contact Name: CHAD THOMAS V. PETCL	Contact Name:	1 4.
-mail: cthomas@regoproducts.com	E-mail:	
lob No./Reference: -336 446-70	The state of the s	
Drawing/Catalog No.: ————————————————————————————————————		
	Acct/Cust No.:	
ection C: Owner of Design/CRN Same as: ABD	Section D: Manufacture (If more then one please atta	
Company Name:	Company Name:	or not
Address:	Address:	
ity/Town: Province/State:	City/Town:	Province/State:
Postal/Zip Code: Country:	Postal/Zip Code:	Country:
elephone: Fax:	Telephone:	Fax:
Contact Name:	Contact Name:	/ / / / / / / / / / / / / / / / / / /
-mail: 🐱	E-mail:	
Acct/Cust No.:	Acct/Cust No.:	
Registration required in the following jurisdictions:		AND A CONTRACTOR OF THE PARTY O
✓ Ontario ✓ Saskatchewan ✓ British Columbia ✓ Manitoba ✓ Alberta ✓ Quebec	Nova Scotia Prince Edward Island	✓ Newfoundland and Labrador ✓ Yukon ✓ Northwest Territories ✓ Nunavut
Deposit Included: CDN \$600.00 - Ontario and up to 2 additional pro-		Ontario and 3 or more additional provinces
Cheque No	Amount \$	
(Deposit to be applied to the incurred fees when all jurisdictions are comp	lete - any charges over and above	deposit amount will be invoiced at that time.)
1/1/9/	ourier Collect Courier nam Account No.	
Date: MAY 17 1018 Reviewing Engineer:	Date (mm/dd/yyyy): 12/10 VALEIC CRI	N Issued OH 6035 4.5



Technical Standards and Safety Authority 345 Carlingview Drive Toronic, Onlario MsW 6N9 Fax: 416_231.6183 Customer Service: 1,877,682,8772 www.tssa.org

National Design Registration Application for a CRN

Technical Standards and Safety Act Boilers and Pressure Vessels Regulation

ROUP	-0900	366
INTAKE GROUP	230	2300
	Date: SR #:	Agent

Expedited	Expedited Service (please attached request form	request form)	Date:
		,	30 00 00 00 00 00 00 00 00 00 00 00 00 0
n: 🛮 Boiler (if applicable)	☐ Pressure Vessel	☑ Fitting	Agent 3300266-NA7

Please Indicate the type of design:

Boiler

Date of Application (mm/dd/yyyy):

12/16/2016

(if applicable)

Existing CRN:

Section A: Submitter Company Name: ENGINEERED CONTROLS INTERNATIONAL, LLC.	ERNATIONAL, LLC.	Section B: Invoicee Company Name:	Same as: 🗸 A 🗌 C 🖺 D
Address: 100 REGO DRIVE		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 THOMAS	S	Contact Name:	
E-mail: cthomas@regoproducts.com	com	E-mail:	
Job No./Reference;		Purchase Order No.:	
Drawing/Catalog No.:			
Acct/Cust No.:	CO283 C9/2	9/ Acct/Cust No.:	
Section C: Owner of Design/CRN Same as: 🕜 A	sign/CRN Same as: ☑A□B[D Section D: Manufacturer (If more then one please attach list)	ir Same as: ☑A □ B □ C
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 following jurisdictions:	following jurisdictions:		A STATE OF THE PERSON NAMED IN COLUMN 2 IN
✓ Ontario ✓ British Columbia ✓ Alberta	✓ Saskatchewan ✓ Manitoba ✓ Quebec	New Brunswick Nova Scotia Prince Edward Island	Newfoundland and Labrador Vukon Vukon Vukon Vukon Vukon Vukon Vukon
Deposit Included: CDN \$	Deposit Included: CDN \$600.00 - Ontario and up to 2 additional provinces	137	CDN \$1,200.00 - Ontario and 3 or more additional provinces
5	Cheque No.	Amount \$	
(Deposit to be applied to the inc	curred fees when all jurisdictions are	complete - any charges over and above	(Deposit to be applied to the incurred fees when all jurisdictions are complete - any charges over and above deposit amount will be invoiced at that time.)
Return mail address:	B C Option	Optional: Courier Collect Courier name:	ne:



CRN Issued:

Reviewing Engineer

(mm/qq/xxx)

PV 09557 (06/16)

Signed: Date.

Date (mm/dd/yyyy): 12/16/2016

Account No.:



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



CHAD THOMAS, VP GLOBAL ENGINEERING (Name and Position, e.g. Pres Located at 100 REGO DRIVE, ELON, NC - 27244 Located at 100 REGO DRIVE, ELON, NC - 27244 (Plant Address) (In are not covered by the dimensions, materials of construction, presure/femperature ratings and the basis for such ratin, pressure/femperature ratings and the basis for such ratin, pressure/femperature ratings and the basis for such ratin, further declare that the manufacture of these fittings is controlled. Which has been verified by the following author. The items covered by this declaration, for which seek registration, as supported by the following author. Which has been verified by the following author. (Advi SA E E III of F Aay of Reply Address) (Commissioner for Oaths: (Commissioner for Oaths: (Signature) (Signature) (Signature) (Signature) (Signature) (Signature) (Signature) (Registered by: (Signature) (Registered by: (Registered	NEGO	STATUTORY DECLARATION Registration of Fittings	BAL ENGINEERING	(Name and Position, e.g. President, Plant Manager, Chief Engineer)	(Name of Manufacturer)		(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 Act and are some part of the same part of the	(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 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.	further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO90001 Which has been waifed by the fallowing authority. UNDERWRITERS I ABORATORY INC.	The items covered by this declaration, for which! seek registration, are category "H" this application, the following information and/or test data are attached as follows: SEE ATTACHED I IST	(drawings, calculations, test reports, etc.)	Decisied before me at Engineerco Cartro Is Lati in the Columnity of Hamanie, NC		V	E. Elliott NORTH CAROLINA	(My Morrison of Davison)	EOB DEEDE ISE ONLY	Technical Standards and Salety Act, Bollers and Pressure Vessels Regulation, and and Salety Cost Standards	Most Authority of Galety, Program	an Valcic, Pienc.	Pols	1000
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Category	System Number		Description Drawing Number	Body Number	Body Material	Service Pressure
I	MVE13D	Manifold	9464-5	9464-5	Brass Forging, UNS C37700, ASTM B283	009
			MVE13D-2	9464-7	Stainless Steel Pipe, ASTM A213, UNS 30403	009
			MVE13D-2	MVE13D-3	FC Brass, UNS C36000, ASTM B16	009
			MVE13D-5	MVE13D-5	FC Brass, UNS C36000, ASTM B16	009
			MVE13D-2	MVE13D-6	Stainless Steel Pipe, ASTM A249, UNS 30403	009
			MVE13D-2	MVE13D-4	FC Brass, UNS C36000, ASTM B16	009
			MVE13D-2	MVE13D-7	Stainless Steel Pipe, ASTM A312, UNS 30403	009
			MVE13D-2	1337-32	Stainless Steel Pipe, ASTM A249, UNS 30403	009
			BK9408S-1	BK9408S-1	Bronze Cast Ally, ASTM B61/B584, UNS C92200	009
			B8404-KITU	B8404-19SS	Stainless Steel Pipe, ASTM A249/A213, UNS 30403	009
			B8404-6	B9402-11	FC Brass, UNS C36000, ASTM B16.	009
			B8408-6	B9408-11	FC Brass, UNS C36000, ASTM B16	009



CERTIFICATE



This is to certify that

Engineered Controls International, LLC

100 Rego Drive Elon, NC 27244 United States of America

with the organizational units/sites as listed in the annex

has implemented and maintains a Quality Management System.

Scope:

The design and manufacture of valves, regulators and fittings for the L.P. Gas, Anhydrous Ammonia, LNG, and Compressed Gas Industries.

Through an audit, documented in a report, it was verified that the management system fulfills the requirements of the following standard:

ISO 9001: 2008

Certificate registration no. 10001523 QM08

Date of original certification 1994-10-04

Date of certification 2015-12-22

Valid until 2018-09-14

ANAB ACCREDITED SOIECITOZE MANAGEMENT SYSTEMS CERTIFICATION BODY

DQS Inc.

Ganesh Rao Managing Director





Annex to Certificate Registration No. 10001523 QM08

Engineered Controls International, LLC

100 Rego Drive Elon, NC 27244 United States of America

Location

10003889
Engineered Controls International, LLC
3181 Lear Drive
Burlington, NC 27215
United States of America

10003890
Engineered Controls International, LLC
911 Industrial Drive S.W.
Conover, NC 28613
United States of America



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

July 20, 2018

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

Service Request Type.: BPV-National AB

Service Request No.: 2316676

Your Reference No.:

Registered to .: ENGINEERED CONTROLS INTERNATIONAL LLC

Dear CHAD THOMAS,

Please find enclosed the original response from AB, registered under the CRN No.: 0H20354.52.

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

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

June 27, 2018

Attention: Joanna Karpinski

Email: JKarpinski@tssa.org

TECHNICAL STANDARDS & SAFETY AUTHORITY

345 CARLINGVIEW DRIVE TORONTO, ON M9W 6N9

The design submission, tracking number 2018-03573, originally received on June 04, 2018 was surveyed and accepted for registration as follows:

CRN: 0H20354.52

Accepted on: June 27, 2018

Reg Type: NEW DESIGN

Expiry Date: May 17, 2028

Drawing No.: MVE13D Rev 15 As Noted

Fitting type: ASSEMBLY

Design registered in the name of : ENGINEERED CONTROLS INTERNATIONAL LLC

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 B31.1.

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.

Brazing shall be in compliance with code of construction.

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

Enclosed are stamped prints for your reference.

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

Sincerely,

LIU, XING, P. Eng.

DOP Cert. No. D00008861

Alberta Municipal Affairs



STATUTORY DECLARATION Registration of Fittings

1, _	CHAD THOMAS	V.P OF ENGINEERING	manufacturer's logo or trademan
	(name of applicant)	(position title) (must be in a position of auth	as it will appear on the fitting.
of _	ENGINEERED CONTROLS INTE	RNATIONAL, LLC.	DECOR
loant		name of manufacturer)	
locati	ed at 100 REGO DRIVE, ELON, NC- 2		
do so (chec	olemnly declare that the fittings li	(plant address) sted hereunder, which are subject to the S	Safety Codes Act
	comply with the requirements	(title of recognized North American Standard)	hich specifies the dimensions,
	materials of construction, pres	sure/temperature ratings and identification	n marking of the fittings or
	are not covered by the provisio	ns of a recognized North American standa	erd and are therefore and for
	to comply with	a the standard of the standard	
		of construction or other applicable document)	as supported by the attached
	cata which identifies the diffiens	sions, materials of construction, pressure/	temperature ratings and the basis
		g of the fittings for identification.	
I furthe	r declare that the manufacture o	f these fittings is controlled by a quality co	ntrol program which has been
verified		0.0004.4	
			itable for the manufacture of these
nuings		gs covered by this declaration, for which I	seek registration, are
	CATEGORY "H"		
	(E	prief description of fittings)	
In suppo	ort of this application, the following	ng information, calculations and/or test dat	a are attached:
	EE ATTACHED LIST		
DECLAR	RED before me at Elon (city)		Mamance, North Carolina (province or siste)
4113	day of Febr	vary , 2018 (Year)	MARISA E. ELLIOTT NOTARY PUBLIC
(print)	Marisa E. Elliot		ALAMANCE COUNTY NORTH CAROLINA
(sign)	Many E. GOLISH (a Commissioner of Oaths or Notary Put	Und	Sums 8/31/200
For ABCA		(signatur	e of applicant)
NOTES:	Office Use Only:		
To the bes Standard B	et of my knowledge and belief, the 351, Clause 4.2, and is accepted	e application meets the requirements of the for registration in Category	e Safety Codes Act and CSA
Registration	n Number: 1 H 2 0 3 5	4.02	11/2
		(Signature of	the Administrator/SCO)
Date Regis	tered: 2018-06-2	Expiry Date: 7/1 7	6 25-17



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

August 02, 2018

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

Service Request Type.: BPV-National ACI Central

Service Request No.: 2316684

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.: 0H20354.59870YTN.

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 STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS NEW BRUNSWICK NOVA SCOTIA PROJECT EDWARD SEARCH

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CHAD THOM	AS		eyed by ROLLE	and bel	Ad the person haden till a starte.
reaporpability is my lonowiedge emperature rai namulacture of ir in part and in eclaration con- ignature of De- sciered before	AS or the quality of the representations, and identific from a fittings is reasonable to the second of the second	e and product do a oduct for which he astion markings are spulated by a Qual by 150 9001/ULIM who it to be true, are	releasely declars that the platterior is accepted. The re- in accordance with the re- in accordance with th	Symmetric manufacture named standard nationals to each place of the same force and office of the same force of	of the person having full surtherity and of in this form is true and to the best of or construction, pressure rate. I further declars that the ork where textication occurs in whole it purpose and I make this soleron at as if made under outh. SA E. ELLIOTT RRY PERICO R T H E
CHAD THOMA responsibility is my knowledge compeniture rai nanuseolure of or in part and in lociaration con- ignature of De- colared bofore his 154	AS or the quality of the representa the pre tings, and identific these fittings is re as been verified is scientiously balls clarer day of Row Outha Mar (eign)	e and product do so duct for which he author markings are spulated by a Quality 150 9000/ULINA hing it to be true, are used for hing it to be true, are used for hing it to be true.	idensity declars that the latitation is accepted. The replacement with the replacement which it is control Program which make the control Program which is a	Symmetric manufacture of the second of the s	of construction, pressure risk. I further declare that the risk if introduction occurs in whole if purpose and I make this solern ect as if made under outh. SA E. ELLIOTT RRY PUBLIC OR THE ENGELCOUP TRAL H CAROLINA
CHAD THOMA reapons billy is my lorowhedge learner string manufacture of or in peri and hi fectaration cons ilignature of Decisions reclared bofors his 154	AS or the quality of the representa the pre tings, and identific these fittings is re as been verified is scientiously balls clarer day of Row Outha Mar (eign)	e and product do a coduct for which has action markings are spulled by a Quality 150 9001/ULIM hing it to be true, are successful and a coduct of the second	colorarily declars that the latitation is accordance with the latit Control Program which is not control Program which is not control Program. Which is not should be control Program. Which is not should be control Program. Will be of the control Program which is not should be control Program. Will be of the control Program. Will be control Program.	U S T H NOT CANLANIA	of construction, pressure rds. I further declare that the rd white febrication occurs in whole if purpose and I make this solern ict as I made under outh. SA E. ELLIOTT RRY PURILIE OR THE ENCRECCRIBITION
CHAD THOM: responsibility is my knowledge emperiture rai namuseourse of or in part and in lociaration cons ignature of De- colored bofore his	AS or the quality of the represents the pri tings, and identific fless fittings is re as been verified to scientific the backentific day of Row (eign) Mac (After	e and product do a coduct for which he action markings are reputated by a Quality is 50 9000/ULINI wing it to be true, are used. (Arrival s. AD. Official meal to the state of the state o	releasely declars that the lateration is accepted. The relateration is accepted. The relateration with the relateration of the	Symmetric manufacture of the control	of construction, pressure ria. I further declare that the rit where febrication occurs in whole it purpose and I make this solern set as if made under outh. SA E. ELLIOTT RRY PERLIC OR THE SNORTORUM THAL H CAROLINA SGOT EXPANS TELL LETA
CHAD THOM: reapons billy to my loosed ge compensative ref nanuseours of or in pert and hi locianation cons ignature of Dec colored before his 154* commissioner of Notery Public.	or the quality of the propersure of the propersu	e and product do a coduct for which he action markings are reputated by a Quality is 50 9000/ULINI wing it to be true, are used. (Arrival s. AD. Official meal to the state of the state o	releasely declars that the plaintenance is accordance with the it in coordance with the it it in Control Program which is and knowing that it is of the Control Program which is an including that it is of the Control Program which is a control Program with it is of the Control Program with its order of the Con	Symmetric manufacture in colored to mach ple being suitable for the same force and office of the colored to the	of construction, pressure ria. I further declare that the rit where febrication occurs in whole of pulpose and I make this solern set as if made under onth. SA E. ELLIOTT RRY PERILE OR THE ENCEICOURTHAL H CAROLINA SGEON EXCHANGE VELL 221
CHAD THOM responsibility is my knowledge emperiture of rinipart and in lociaration considered before objections of December of Motary Public RN: OH20	or the quality of the properties of the provided in the provid	e and product do a coduct for which he action markings are reputated by a Quality is 50 9000/ULINI wing it to be true, are used. (Arrival s. AD. Official meal to the state of the state o	releasely declars that the lateration is accurate. The relateration is accurate. The relateration is accordance with the relateration in accordance with the relateration in the relaterat	Symmetry, materials seems named standard standards to much ple being sulfable for the same force and office an	of construction, pressure ria. I further declars that the rit where febrication occurs in whole it purpose and I make this solern set as if made under outh. SA E. ELLIOTT RRY PERLIC OR THE ENGELCOURTHAL H CAROLINA SGE OF EXPANS TELL 2021 COMPRISED AND
CHAD THOM responsibility is may knowledge interruperature of or in peri and in lectaration consideration consideration eclered before his 154 commissioner of Noteny Public. RN: 0H2(or the quality of the properties of the provided in the provid	e and product do a coduct for which he action markings are reputated by a Quality is 50 9000/ULINI wing it to be true, are used. (Arrival s. AD. Official meal to the state of the state o	release by declare that the lateration is accurate. The relateration is accurate. The relateration is accordance with the relateration of the rela	Symmetry, materials are in extended to exact ple being suitable for the same force and office and office are force are for	of construction, pressure ria. I during declars that the rit where declars that the rit where febrication occurs in whole i purpose and I make this solemn set as if made under outh. GA E. ELLIOTT RRY PERLIC OR THE ENGENCOURTPL H CAROLINA SGOT EXPANS TELL 221 CESPIANCE. EDWARD ISLAND ENVIRONMENT
CHAD THOMA reapones liky is may income dige importance of or in peri and in seclaration con- signature of De- seclared before in Structure i	AS or the quality of the representation of the provided by the	e and product do a chuck for which has assistent markings are spulleted by a Quality 150 9001/ULIM hing it to be true, as a chuck for the following it to be true, as a chuck for the following it to be revisited in the Statutary Decimarisation.	In accordance with the in its accordance with the in its accordance with the in its Control Program which is and knowing that it is of the individual in its accordance with the individual in its accordance with the individual indiv	Symmetry, materials sends named standard standards to each ple being suitable for the same force and office of the same force of the same for	of construction, pressure ria. I during declars that the rit where declars that the rit where febrication occurs in whole i purpose and I make this solemn set as if made under outh. GA E. ELLIOTT RRY PERLIC OR THE ENGENCOURTPL H CAROLINA SGOT EXPANS TELL 221 CESPIANCE. EDWARD ISLAND ENVIRONMENT

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NUNAVUT	YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADO
MANUFACTURERS NAME	ENGINEERED CONTROLS INTERN	ANAUN U.S	
MANUFACTURERS ADORE	SS: 100 BEGO DOOK FLOW NO 2	DIA	
PLANT LOCATIONS: SAN	E AS ABOVE	244	
CATEGORY OF F	TINGS TO BE REGISTERED, CO	CLE ONE CATEGORY ONLY	THE AT THE TOTAL
B Flanges: all flanges C Valves: all files valves	pilige, tees, albows, Ys, plugs, unio	s, pipe cape, or reduciers	THE SOURCE STATE OF THE SECONDARY
F Measuring devices, include or session transmittees	og pressure gauges, krysl gauges, si	of glasses, levels, or	ASME 31-1
Al-Nuclear components: Class	into that do not fed into one of the at	Ing ACCD or ACSIF	
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NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTH-WEST TERRITORIES	NEWFOUNDLAND AND LABRADA
MANUFACTURERS NAM		NTERNATIONAL LIC	
MANUFACTURERS ADD	RESS: 100 PEGO DRIVE CLOS	NC-27244	
PLANT LOCATIONS: SA	AME AS ABOVE	110-2724	
CATEGORY OF	FITTINGS TO BE REGISTERE	D. CIRCLE ONE CATEGORY ONLY	Van e de sue de
A Pipe fittings, including of B Flanges: all flanges C Valves: all flan valves D Expansion joints, flexible E Strainers, filters, separat F Measuring devices, inclu- pressure transmitters G Certified capacity-rated problems, pressure vessels M Pressure retaining compo	ouplings, tees, elbows, Ys, plugs connections, and hose assemb ors, and steam trape ding pressure gauges, level gauge ressure relief devices acceptable, piping and fusible plugs ments that do not fall into one of	les: all types yes, alght glasses, levels, or ess primary over pressure protection on	ASME 31.2
McNuclear components: Cis	ss 1 D Class 2 D Class 3 D	(Meeting AECD on ACUT	
HOW MANUFACTURERS	VAME, TRADEMARK, OR LOG	DAS IT WILL APPEAR ON THE PRODUC	I TYPE OF CONSTRUCTION
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OTE THER INSPECTOR

DATE _ O / 8/2018

BLRS | PVS

17 FITTINGS DOMPONETTS

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS NEW BRUNSWICK NOVA SCOTIA PRINCE POWARD BLAND

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME			
MANUFACTURERS ADDR	ESS: 100 DECO DAME TO DE		
PLANT LOCATIONS: SA	ME AS ABOVE	NC-2/244	
CATEGORY OF	TOTING TO BE REGISTERED	CIRCLE ONE CATEGORY ONLY	
A Pipe fiblings, including co B Flanges; all flanges C Valves; all fine valves	upārga, tass, albows, Ys, plugs,	unions, pipe caps, or reducers	THE COME TANGEND CONTRACT
Filessuring devices, include pressure transmitters G Certified expecity-rated processors pressure vessels	ing pressure gauges, level gauge ressure rolle! devices acceptable tribing and fundions.	es, sight glasses, levels, or se primary over pressure protection on	ASME311
ALL LANGE BERNALD COLLEGE	names that do not fell into one of m	he above categories	
A: Hugger Components: Clas	MI 1 D Chan 2 D Chan 2 D C	Martin Arms	The second second
BHOW MANUFACTURERS K	AME TRADENARY ON LOGO	ALIT WILL APPEAR ON THE PROD	Ki markania
REGO	70	-	POWGED BY WELDED D WHOUGHT D CAST OF OTHER
		TION OF THE ACTUAL ITEMS TO BE	
DECLARATION:			
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UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS NEW BRUNSWICK NOVA SCOTIA YUKON PRINCE EDWARD ISLAND NUNAVUT NEWFOUNDLAND AND LABRADOR NORTHWEST TERRITORIES MANUFACTURERS NAME: ENGINEERED CONTROLS INTERNATIONAL LLC MANUFACTURERS ADDRESS: 100 REGO DRIVE, ELON, NC-27244 PLANT LOCATIONS: SAME AS ABOVE CATEGORY OF FITTINGS TO BE REGISTERED, CIRCLE ONE CATEGORY DNLY A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers TITLE OF THE STANDARD OF CONSTRUCTION B Flanges: all flange C Valves: ell line valv D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps ASME 31.7 .F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters Certified especity-rated pressure relief devices acceptable as primary over pressure protection on bollers, pressure vessets, piping and fusible plugs

Pressure retaining components that do not fall into one of the above categories AL-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 O WROUGHT O CAST OTHER O DESCRIBE OTHER: LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: SEE ATTACHED LISTING DECLARATION: I CHAD THOMAS (see note s) employed by EQ.LLC responsibility for the quality of the and product do scientry declare that the information contained in this form is true and to the best of and being the person having full authority and 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 150 9001/ ULINC as being suitable for that purpose and I make this aplants as being suitable for that purpose and I make this solemn declaration conscientiously aglieving it to be true, and knowing that it is of the same force and effect as if made under oath. Signature of Declarers MARISA E. ELLIOTT Declared before me at Engineered Controls International, NC US THNOTERY POBLICOR THE day of Popwary Commissioner of Osths Maries E. OATLAMANCE COUNTYL NORTH CAROLINA my commission expres 2/81/2021 (Affix Official seal to the right) This space for Regulatory Authority use

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

CRN: 0H20354.5

FID#: -- 1704

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

2. Each category shall be supported with two Statutory Declaration

forms and one copy of supporting documentation.

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

4. Quality control programs shall be resubmitted for validation

et a maximum interval of five (5) years.

OH20354.5Y 6/11/2018

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS NEW BRUNSWICK NUNAVUT NOVA SCOTIA YUKON PRINCE EDWARD ISLAND NEWFOUNDLAND AND LABRADOR NORTHWEST TERRITORIES MANUFACTURERS NAME: ENGINEERED CONTROLS INTERNATIONAL LLC MANUFACTURERS ABORESS: 100 REGO DRIVE, ELON, NC-27244 PLANT LOCATIONS: SAME AS ABOVE PATRICULA DE STUDIOS TO DE DECIRTADO, EIRE PONTO PATRICIPA CINA dill a la company de la compan A Pipe fittings, including couplings, trees, aboves, Ye, plage, unions, pipe cape, or reducers If Flarigues all flarigues Visives: all five values Expension joints, fleedule connections, and hose essemblies: all types Expension joints, fleetus, expensions, and steam imps Messuring devices; including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters Consists burnarities Consists capacity-rand pressure relief devices acceptable as primary over pressure protection on beliefs, pressure vessels, piping and fusible plugs Pressure retaining components that de not fall into one of the above exceptable ASME 31.1 E M-Huckest 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 The Committee of the CART O' OTHER O WHOUGHT O LIST OF SUPPORTING FOR UMPETATION AND IDENTIFICATION OF THE ACTUAL TIEMS TO SE REGISTERED. SEE ATTACHED USTING DECLARATION: I CHAD THOMAS new as a employed by and being the person having full authority and responsibility for the quality of the and product do solerntly 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 my knowledge represents the product sprinning are in accordance with the herein named standards. I further declare that the temperature of these fittings is regulated by a Quality Control Program which extends to each plant where febrication occurs in whole or in part and has been verified by ISO 9001/ULIMC as being suitable for that purpose and I make this selemn declaration corrected out to be true, and knowing that it is of the same force and effect as if made under outs. Stanuture of Decision MARISA E. ELLIOTT Declared before me at Engineered Controls International, NC us ! THNOTERY POBLICOR THE day of Roman AD 2018 OALAMANGE COURTEYL Commissioner of Oethes Mana E. Foliate NORTH CAROLINA or Notary Public: (eign) _ my commission exposs 2/81/2021 (Affin Official east to the right) This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance. 163.00 CRN: 0H20354.5 Northwest Territories Note: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the porson having full authority and responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation. REGISTERED UNDER THE AUTHORITY OF THE BOILER AND PRESSURE VESSEL ACT at a maximum interival of five (5) years. C.R.N. QH 20359. 5

DATE INC

14/2018

5/ 55

7110878788;

To: ACI Central

06-13-18;23:43 ;From:

UNIFORM STATUTORY DECLARATION FOR THE REGISTRATION OF FITTING DEBIGNS NEW BRUNSWICK NOVA SCOTIA PRINCE FEMANDO NEL AND

	YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRAD
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MANUFACTURERS ADDRESS	8: IMPECO PORT FION	I, NC-27244	B
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B Flanges: all flanges C Vatres: all fine vetoes	rigs, tees, elbows, Ys, plug	s, unions, pipe caps, or reducers	A STATE OF S
D Expension joints, flexible con: E Strainers, filters, separators, a F Measuring devices, including pressure transmitters G Certified capacity-rated pressure boilers, pressure vessels, pipi Pressure ristaining component	and steem trape pressure gauges, level gau ure relief devices acceptab	iges, sight glasses, levels, or is as primary over pressure protection on	ASME 31.1
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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

August 02, 2018

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

Service Request Type.: BPV-National BC

Service Request No.: 2316680

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.: 0H20354.51.

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,

Tanya Francis Administrative Assistant_ BPV Engineering

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



Vancouver, BC V5M 4T5

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

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

Date:

June 15, 2018

Account #: 35231 Journal #: 70906

Attn: TANYA FRANCIS

Re: Application for Design Registration

The design, as detailed in your, TSSA SR# 2316680, for a Fitting is accepted for registration as follows:

Registered To: ENGINEERED CONTROLS INTERNATIONAL LLC CRN:

0H20354.51

MDMT: -320 deg F

MAWT: 165 deg F

MAWP: 600 psig

Drawing #: MVE13D

Drawing Revision: A

Conditions Of Registration:

Registration of a Manifold Vent Circuit HL as per attached scope of registration sheets.

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 May 17, 2028. 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.

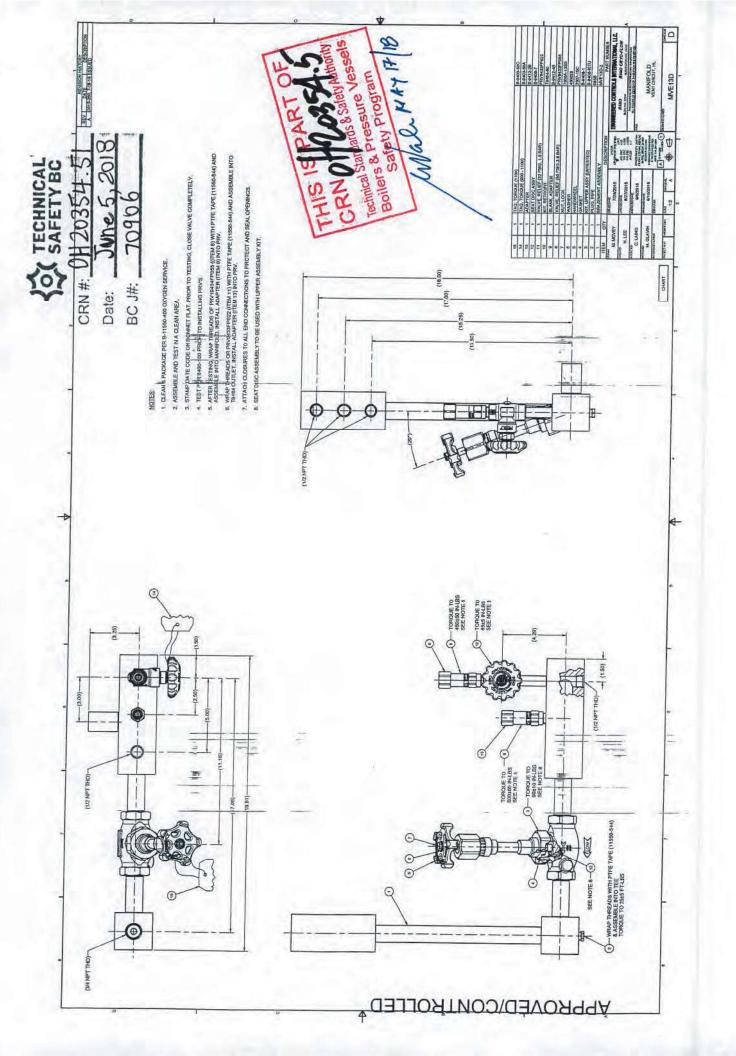
SHARON PETERS

boiler.designregistration@technicalsafetybc.ca Design Administration

cc:

Category	System Number	Description	Description Drawing Number	Body Number	Body Material	Service Pressure
Ŧ	MVE13D	Manifold	9464-5	9464-5	Brass Forging, UNS C37700, ASTM B283	009
			MVE13D-2	9464-7	Stainless Steel Pipe, ASTM A213, UNS 30403	009
			MVE13D-2	MVE13D-3	FC Brass, UNS C36000, ASTM B16	009
			MVE13D-5	MVE13D-5	FC Brass, UNS C36000, ASTM B16	009
			MVE13D-2	MVE13D-6	Stainless Steel Pipe, ASTM A249, UNS 30403	009
			MVE13D-2	MVE13D-4	FC Brass, UNS C36000, ASTM B16	009
			MVE13D-2	MVE13D-7	Stainless Steel Pipe, ASTM A312, UNS 30403	009
			MVE13D-2	1337-32	Stainless Steel Pipe, ASTM A249, UNS 30403	009
			BK9408S-1	BK9408S-1	Bronze Cast Ally, ASTM B61/B584, UNS C92200	009
			B8404-KITU	B8404-19SS	Stainless Steel Pipe, ASTM A249/A213, UNS 30403	009
			B8404-6	B9402-11	FC Brass, UNS C36000, ASTM B16	009
			B8408-6	B9408-11	FC Brass, UNS C36000, ASTM B16	009







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

September13, 2018

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

Service Request Type.: BPV-National CSA

Service Request No.: 2316690

Your Reference No.:

Registered to.: ENGINEERED CONTROLS INTERNATIONAL LLC

Dear CHAD THOMAS,

Please find enclosed the original response from QC,SK, registered under the CRN No.: CSA-0H20354.56.

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



REGISTERED



CRN: CSA - 0H20354.56

Statutory Declaration Registration of Fittings

(a) Design Qualification	Registration Process administered by CSA Group per CSA B51
Chad Thomas, V.P of Engineering	
(Position eg, president, plant manager,	chief eng.)
Of Engineered Controls International, LI	GC .
(name of company)	
Located at 100 Rego Drive, Elon, NC -27244	USA
(plant address)	
do solemnly declare that the fittings listed hereunder, which are subject to the Bo	oilers & Pressure Vessels Act:
comply with all the requirements of the ANSI/ASME codes as to their dim required: Or	nensions, material, identification & service for which are
are not covered by the provisions of the ANSI/ASME codes, and are there	efore constructed to comply withent engineering practice, as shown by the supporting test
(b) Quality control of Manufacture I further declare the manufacture of these fittings is controlled by a quality control ASME B3/-1, and has been verified by the following authority or a The fittings² covered by this declaration, for which I seek registration, are	of program which complies with the requirements of authorized agency UL 9001
In support of the application, the following information, calculations and/or test danger attached list	ata are attached: MARISA E. ELLIOTT
In the ofCOWHY ofMarance, NC TheGM Day ofMaran AD 10 2018	NOTARY PUBLIC ALAMANCE COUNTY NORTH CAROLINA My Cummissim expires
Manya E. Gll Th A (commissioner for oaths)	Signature of Declarer ³
The application is accepted for registration in Category in accepted Standard B51. This registration must be revalidated after ten (10) years from the date of accepted for registration in Category in accepted in accepted for registration in Category in accepted for registration in accept	ptance. MAY · 17 · 2028
Registered Number CRN CSA-0H20354.56 For the Date	Chief Inspectors A. BANWATT Group June · 13 · 2018

Three completed copied of Statutory Declaration form together with three copies of Catalogs, drawings of Bulletins illustrating above fittings shall be submitted.

All fittings are required to be registered in the name of the Manufacturer.

This form shall be completed and signed by the president of highest official in the manufacturing plan where the fitting is produced. 2

REGISTERED CERTIFICATION

CRIVE CON HOLD WITH SEA

Registration Process administered by CSA Group per CSA BSI

REGISTERED

CRN: CSA-OH20354.56

Registration Process administered by CSA Group per CSA B51

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

Signed: Assured Date: 13 June 2018

THAT KORDING

8134 9364

NOTARY PUBLIC A SAMANCE COUNTY

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Emprord Courts internetization

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MAY 17-2028

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UZA-OHZOSTA.SU



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

2202 2nd Ave.
Regina, SK S4R 1K3
PH (30b)798-7112 Toll Free: (866)530-8599
FAX: (306)787-9273 Toll Free: (866)760-9255
JUNE · 13 · 2018 Email: beilerpermits@tsask.ca
Website: www.tsask.ca

Sta	tutory Declaration	(Registration of Fitting	ngs)	
	DEGISTERED	Pea		TSK-100
Declaration Information	TIG THY. IT THE IZ	- No. 1. OR	4	70.07
Chad Thomas, V.P of Engineering	CRN: CSA-OH	20354.56	In this space, sho manufacturer's lo appear on the fitti	go or trademark as it will
(must be in a position of authority in the	dent plant manager, chief encommanufacturing plant where the	ineministered by fitting is produced)	REGO)®
Engineered Controls International, L			D 4 C	
	me of manufacturer)	- 40		0.1.1
cated at: 100 Rego Drive (Plant Address – Apt/Street)		Elon, NC (City,Prov)	7.1	244 stal Code)
solemnly declare that the fittings liessel Safety Act (check one)				
Comply with the requirements Materials of construction, press	(title of recognized North	American Standard)	nich specifies the	
Are not covered by the provision to comply with data which identifies the dimension such ratings, and the markings.	ons of a recognized Nor	th American standard a	and are therefore of as supported by	manufactured y the attached
rified by the following authority, Uthese fittings to the stated standard adversary H support of this application, the followee attached list	I. The fittings covered t	lations and / or test dat NOT ALAM		
Declaration ECLARED before me at Engineerle	Cashale Tabil In the	Canata	of Alama	INCO NIC
day of March Marisa E. Ellio H (print name) Mayur E. Gllu (Signature of Commissioner of Oaths)	1	7018	Thomas	
. Office Use Only the best of my knowledge and belief, to the BSA, Clause 4.2, and is accepted for	registration in Category _	- 4		
(Registration Number) REGISTERED	CSA (Date R Group (For the	Registered – MM DD YYYY) Administrator / Chief Inspecto	(Expiry Date	Y-14.2028 -MM DD YYYY) A.BANWATT
Registration Process administe CSA Group per CSA B51	red by	ote: See the attachment for the	scope of the registration	TSK-10/20 Rev. 10/20 Page 1

TYANUAR . A SIONE (3-300) REGISTERED CRN: CSA-BOID03+4.+ Registration Process administered by CSA Group per CSA B51 Technical Review performed per CSA B51 Performed by: ANRIC Enterprises Inc. MARGINA IL RELLIO EL NOTARY PUBLIC THAMANCE COUNTY

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MARINE C. FRIGH

BEAR H. WALL

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JATEOLHO-AD MAD



345 Car ingview Drive Toronto, Ontano M9W 6N9 Tel 416 734 3300 Fax 416 231 1626 Toll Free 1 877 682 8772

www.tssa.org

May 17, 2018

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

Service Request Type: BPV-Fitting Registration

Service Request No.: 2300260

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.: 0H20354.5

Main Design No.:

Dwg. No. MVE13D Rev. A, Manifold Vent Circuit HL

Expiry Date:

17-May-2028

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.

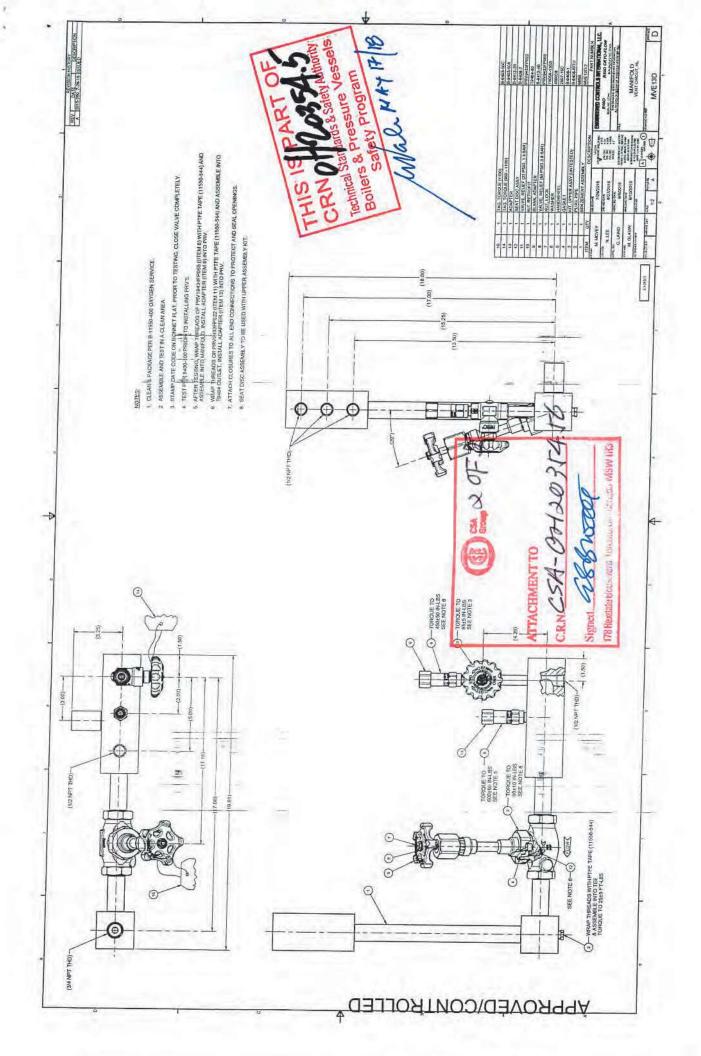
Mark Valcic P. Eng. Engineer Specialist BPV Tel.: 416-734-3494

Fax: 416-231-1626 Email: mvalcic@tssa.org ATTACHMENT TO

C,R.N. CSA - OT 120754. Ft

Signed: CSAWST

178 Rexdate Boulayard, Toronto, ON Canada M9W 1R3





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

October 18, 2018

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

Service Request Type.: BPV-National MB

Service Request No.: 2316698

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.: 0H20354.54.

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,

Tanya Francis
Administrative Assistant_ BPV Engineering

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



Inspection and Technical Services Manitoba

500 - 401 York Avenue Winnipeg Manitoba R3C 0P8 T (204) 945-3373 F (204) 948-2309 www.firecomm.gov.mb.ca/codes steam pressure.html

September 17, 2018

TSSA 345 Carlingview Drive Toronto, ON M9W 6N9

Attn: Joanna Karpinski

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
MVE13D Rev. A	0H20354.54	39015

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
- See attached stamped "this is part of CRN" for scope of registration.
- This registration expires May 17, 2028.

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.

Yours truly,

Rabie Harb, P. Eng.

Engineer

Office of the Fire Commissioner

Inspection and Technical Services Manitoba

508 - 401 York Avenue

Winnipeg, Manitoba, R3C 0P8

Phone: 204-945-3373

Email: rabie.harb@gov.mb.ca



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



CHAD THOMAS, VP GLOBAL ENGINEERING	n of Fittings		
(Name and Position, e.g. President, Plan	nt Manager, Chief Engineer)		
of ENGINEERED CONTROLS INTERNATIONAL, LLC			K
(Name of Manufac	cturer)		
Located at 100 REGO DRIVE, ELON, NC - 27244	336-449-7707		Sec.
(Plant Address)	(Telephone No.)	(Fax No.)	
do solemnly declare that the fittings listed hereunder, which are and Pressure Vessels Regulation, comply with all of the require	ements of	od Safety Act, Boilers	
Which specifies the dimensions, materials of construction, pressure/ter	mperature ratings, identification marking the	and the same of	
or are not covered by the provisions of a recognized North Ameras supported by the attach pressure/temperature ratings and the basis for such ratings, the materials are considered by the provisions of a recognized North Ameras as supported by the attach pressure/temperature ratings and the basis for such ratings, the materials are considered by the provisions of a recognized North Ameras as supported by the provisions of a recognized North Ameras as supported by the attach pressure at the provisions of a recognized North Ameras as supported by the attach pressure at the provisions of a recognized North Ameras as supported by the attach pressure at the pressure a	ned data which identifies the dimensions in	natorial of construction	
I further declare that the manufacture of these fittings is controlled by a q which has been verified by the following authority, UND	DERWRITERS LABORATORY INC	of ISO90001	
The items covered by this declaration, for which I seek registration, are categor this application, the following information and/or test data are attached as follow SEE ATTACHED LIST	ry <u>"H"</u> tyr	oe fittings. In support of	
(drawings, calculations, tes	st reports, etc.)	-	
	THE RESERVE OF THE PARTY OF THE		
Declared before me at Franchise of Casha Is Tratil.	Cauche	Maure aco Mc	
	the County of	Hamance, NC	
	the County of	MARIS	A E. ELLIOTT
the 19t day of Pebruary AD 20 18. Commissioner for Oaths:	the County of	MARIS NOTA ALAMA	RY PUBLIC NCE COUNTY
Commissioner for Oaths: Marisa E. Elliott	the County of	MARIS NOTA ALAMA	RY PUBLIC NCE COUNTY I CAROLINA
the 1St day of Pebruary AD 20 18. Commissioner for Oaths:	the County of	MARIS NOTA ALAMA	RY PUBLIC NCE COUNTY
the 1st day of Pebruary AD 20 18. Commissioner for Oaths: Marisa E. Elliott (Printed name) Many E. Galiott	Old Vin	MARIS NOTA ALAMA NORT	RY PUBLIC NCE COUNTY H CAROLINA MY CMMISSION &
the St day of Pelowary AD 20 18. Commissioner for Oaths: Mavisa E. Elliott (Printed name) (Signature)	Chel Vis (Signature of Deck	MARIS NOTA ALAMA NORT	RY PUBLIC NCE COUNTY I CAROLINA
theday of <u>Pubway</u> AD 20 18 Commissioner for Oaths: Mavisa E. Elliott (Printed name) (Signature) FOR OFFICE US	Chel Visignature of Deck	MARIS NOTA ALAMA NORT	RY PUBLIC NCE COUNTY H CAROLINA MY CMMISSION &
the St day of Pelowary AD 20 18. Commissioner for Oaths: Mavisa E. Elliott (Printed name) (Signature)	(Signature of Decker	MARIS NOTA ALAMA NORT	RY PUBLIC NCE COUNTY H CAROLINA MY CMMISSION &
theday of Pebruary AD 2018 Commissioner for Oaths:	(Signature of Declar (Signature of Declar Street) (Signature of Declar Str	MARIS NOTA ALAMA NORT Office of the Fire Commissioner	RY PUBLIC NCE COUNTY H CAROLINA MY CMMISSION &
theday of Peloway AD 20 18 Commissioner for Oaths: Mavisa E. Elliott (Printed name) (Signature) FOR OFFICE US To the best of my knowledge and belief, the application meets the requirem Technical Standards and Safety Act, Bollers and Pressure Vessels Regicular CSA Standard B51 and is accepted for registration in Category	(Signature of Declar Streets of the ulation, and Manito REGIS	MARIS NOTA ALAMA NORT	RY PUBLIC NCE COUNTY H CAROLINA MY CMMISSION &
Commissioner for Oaths: Mavisa E. Elliott (Printed name) (Signature) FOR OFFICE US To the best of my knowledge and belief, the application meets the requirem Technical Standards and Safety Act, Boilers and Pressure Vessels Regulation Commissions (CRN:	(Signature of Declar Streets of the ulation, and Manito REGIS	MARIS NOTA ALAMA NORT Office of the Fire Commissioner Day TERED 20354.54	RY PUBLIC NCE COUNTY H CAROLINA MY CMMISSION &





Cecyfia Garbacz, a Commissioner, etc. City of Toronto, for the Technical Standards & Safety Authority. Expires June 17, 2020.

