

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 18, 2017

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

Service Request Type: BPV-Fitting Registration

Service Request No.: 2000448

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.:

0H19101.5

Main Design No.:

Dwg. No. MVE4D SER Rev. A, Manifold 1-1/2" Fill.

Expiry Date:

18-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





Technical Standards and Safety Authority 345 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

INTAKE GROUP

Date of Application (mm/dd/yyyy): 12/16/2016	Date: SR #: 2	000 448-0		
Please indicate the type of design: Boiler Pressure Vessel Fitting Existing CRN:(if applicable)				
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: Pro	vince/State:		
Postal/Zip Code: 27244 Country: USA	Postal/Zip Code: Cou	intry:		
Telephone: 336-449-7707 Fax:	Telephone: Fax	:		
Contact Name: CHAD THOMAS	Contact Name:	A STATE OF THE STA		
E-mail: cthomas@regoproducts.com	E-mail:			
Job No./Reference:	Purchase Order No.:			
Drawing/Catalog No.: MVEHD SER				
Acct/Cust No.: A -400283 09/39/5	Acct/Cust No.:			
	Section D: Manufacturer (If more then one please attach list)	Same as: ☑A ☐ B ☐ C		
Company Name:	Company Name:			
Address:	Address:			
City/Town: Province/State:	City/Town: Prov	vince/State:		
Postal/Zip Code: Country:	Postal/Zip Code: Cou	ntry:		
Telephone: Fax:	Telephone: Fax:			
Contact Name:	Contact Name:			
E-mail:	E-mail:			
Acct/Cust No.:	Acct/Cust No.:	100000000000000000000000000000000000000		
Registration required in the following jurisdictions:				
Ontario Saskatchewan New Brunswick Nova Scotia Nova Scotia Alberta Quebec Prince Edward Island Deposit Included: CDN \$600.00 - Ontario and up to 2 additional provinces Ontario New Brunswick New Brunswick Nova Scotia Yukon Northwest Territories Nunavut CDN \$600.00 - Ontario and up to 2 additional provinces				
Deposit included: CDN \$600.00 - Ontario and up to 2 additional	provinces CDN \$1,200.00 - Ontario and 3	or more additional provinces		
Cheque No.	Amount \$	Additional		
(Deposit to be applied to the incurred fees when all jurisdictions are con	mplete – any charges over and above deposit amou	int will be invoiced at that time.)		
Return mail address: A B C Optional:	Courier Collect Courier name:			
	Account No.:			
Signed: Ind M. Thorus	Date (rńm/dd/yyyy): 12/16/2016	MOINE		
Date: JAN 18, 7617 Reviewing Engineer	ARK VALCIC CRN Issued:	1717101.3		

PV 09557 (06/16)



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

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



STATUTORY DECLARATION Registration of Fittings	CLARATION Fittings
I, CHAD THOMAS, VP GLOBAL ENGINEERING	
(Name and Position, e.g. President, Plant Manager, Chief Engineer)	nager, Chief Engineer)
of ENGINEERED CONTROLS INTERNATIONAL. LLC	
(Name of Manufacturer)	
Located at 100 REGO DRIVE, ELON, NC - 27244	336-449-7707
(Plant Address)	(Telephone No.) (Fax No.)
do solemnly declare that the fittings listed hereunder, which are subject to the <i>Technical Standards and Safety Act</i> , Boilers and Pressure Vessels Regulation, comply with all of the requirements of ASME B31.1	ect to the Technical Standards and Safety Act , Boilers nts of
(Title of recognized North American Standard) Which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;	Standard abuse 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 a 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.	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, asis 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 verified by the following authority, UNDERWRITERS LABORATORY INC	ifty system meeting the requirements of ISO90001 RWITERS LABORATORY INC
	type fittings. In support of
(drawings, calculations, test reports, etc.)	orfs, etc.)
Declared before me at Engineered Controls Intil Elm County the 16th day of December 2000 110	County or Mannance, NC
missioner for Oath	
Marisa E. Elliot	
Marine Gallith	Ist M. Jones
(Signature)	(Signature of Declared)
FOR OFFICE USE ONLY Normalised and boiling the conditional and the less of my knowledge and boiling the conditional and the less of the less of my knowledge and boiling the conditional and the conditional a	- Frical
Technical Standards and Safety Act Bollers and Pressure Vessels Bernington and	Technicards

ALAMANCE COUNTY MARISA E. ELLIOTT NORTH CAROLINA NOTARY PUBLIC

My commission expires 8/31/2021

gram essels

Safety Pro

Act, Boilers and Pressure Vessels Regulation, and for maistration in Category

Technical Standards and Safety CSA Standard B51 and is acc

Standards and Safety Authority

MN 18, 2027 NOTE: This registration expires on:

FIOD (B) NE

Registered by:

CRN:

Dated:

19

NO Preside Wo. No. MVE40 SER Kev. A MANIFOLDING

Jaysen Drawing Number Body Number Body Number Body Number Stainless Steel Pipe, ASTM A249, TP316L Service H MVE4D SER Manifold 450154-5 5tainless Steel Pipe, ASTM A249, TP316L 600 2227-25 2227-25 FC Brass, UNS C36000, ASTM B16 600 450153 450153 450059-5 FC Brass, UNS C36000, ASTM B16 600 450151-5 2227-25 FC Brass, UNS C36000, ASTM B16 600 450151-5 450151-5 Stainless Steel Pipe, ASTM A249, TP316L 600 450151-5 450151-5 Stainless Steel Pipe, ASTM A249, TP316L 600 1337G-22 SER 1337G-22 B Stainless Steel Pipe, ASTM A269, TP316L 600 1337B-22 SER 1337B-22B Stainless Steel Pipe, ASTM A269, TP316L 600 1337B-22 SER 1337B-22B Stainless Steel Pipe, ASTM A269, TP316L 600 B-9407-1C B-94085T-1 Bronze Cast Alloy, UNS C92200, ASTM B61 600 B-9407-1C B-94085T-1 Stainless Steel Pipe, ASTM A249, TP316L 600 B-9407-1C B-94085T-1 Stainless Steel Pipe, AST		Constant					
MVE4D SER Manifold 450154-5 450154-5 Stainless Steel Pipe, ASTM A249, TP316L 450043 450043 FC Brass, UNS C36000, ASTM B16 2227-25 2227-25 2227-25 450153 450153 FC Brass, UNS C36000, ASTM B16 450059-5 450059-5 Stainless Steel Pipe, ASTM A249, TP316L 450151-5 450151-5 Stainless Steel Pipe, ASTM A249, TP316L 450151-5 450151-5 Stainless Steel Pipe, ASTM A249, TP316L 13375-22 SER 1337-53S Stainless Steel Pipe, ASTM A269, TP316L 13378-62AS 1337-53S Stainless Steel Pipe, ASTM A269, TP316L 13378-62AS 1337-53S Stainless Steel Pipe, ASTM A249, TP316L B-8400-12C B-8400-12C B-94087-1 B-9407-1C B-9408ST-1 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9403-1C B-9404ST-2 Bronze Cast Alloy, UNS C9200, ASTM B61 B-9405-0 B-9404ST-2 Bronze Cast Alloy, UNS C9200, ASTM B61 B-9402-10 B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L B-9402-10 B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L	Category		Description	-	Body Number	Body Material	Service
450043 450043 FC Brass, UNS C36000, ASTM B16 2227-25 2227-25 FC Brass, UNS C36000, ASTM B16 450059-5 450059-5 FC Brass, UNS C36000, ASTM B16 450059-5 450151-5 FC Brass, UNS C36000, ASTM B16 450059-5 450151-5 Stainless Steel Pipe, ASTM A249, TP316L 450151-5 450151-5 Stainless Steel Pipe, ASTM A249, TP316L 13376-22 SER 13376-22 B Stainless Steel Pipe, ASTM A269, TP316L 13378-22 SER 13378-22B Stainless Steel Pipe, ASTM A249, TP316L 13378-22 SER 13378-22B Stainless Steel Pipe, ASTM A249, TP316L B-8400-12C B-8400-12SE Bronze Cast Alloy, UNS C92200, ASTM B61 B-9403-1C B-9408ST-1 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9403-1C B-9404ST-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9403-1C B-9404ST-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9403-1C B-9404ST-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9402-10 B-9404ST-3 Stainless Steel Pipe, ASTM A249, TP304L B-9402-10 B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L	I	MVE4D SER	Manifold	45015A_C	AEO1EAC		Pressure
450043 FC Brass, UNS C36000, ASTM B16 2227-25 FC Brass, UNS C36000, ASTM B16 450153 FC Brass, UNS C36000, ASTM B16 450059-S Stainless Steel Pipe, ASTM A249, TP316L 450151-S Stainless Steel Pipe, ASTM A249, TP316L 1337C-22 B Stainless Steel Pipe, ASTM A269, TP316L 1337BS-22B Stainless Steel Pipe, ASTM A269, TP316L 1337BS-22B Stainless Steel Pipe, ASTM A249, TP316L B-8400-125E Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-1 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-3 Stainless Steel Pipe, ASTM A249, TP304L BK9450-8 FC Brass, UNS C36000, ASTM B16 B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L				S LCTOST	430T34-3	Stainless Steel Pipe, ASTM A249, TP316L	009
450153 FC Brass, UNS C36000, ASTM B16 450153 FC Brass, UNS C36000, ASTM B16 450059-S Stainless Steel Pipe, ASTM A249, TP316L 450151-S Stainless Steel Pipe, ASTM A249, TP316L 1337C-22 B Stainless Steel Pipe, ASTM A269, TP316L 1337BS-22B Stainless Steel Pipe, ASTM A269, TP316L 1337BS-22B Stainless Steel Pipe, ASTM A249, TP316L 1337B-62AS Stainless Steel Pipe, ASTM A249, TP316L B-8400-125E Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-1 Bronze Cast Alloy, UNS C92200, ASTM B61 B-8412-11 Stainless Steel Pipe, ASTM A249, TP304L BK9450-8 FC Brass, UNS C36000, ASTM B16 B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L 1337CS-22C Stainless Steel Pipe, ASTM A249, TP304L				450043	450043	FC Brass, UNS C36000, ASTM B16	600
450153 FC Brass, UNS C36000, ASTM B16 450059-S Stainless Steel Pipe, ASTM A249, TP316L 450151-S Stainless Steel Pipe, ASTM A249, TP316L 1337C-22 B Stainless Steel Pipe, ASTM A269, TP316L 1337-53S Stainless Steel Pipe, ASTM A269, TP316L 1337BS-22B Stainless Steel Pipe, ASTM A249, TP316L 1337B-62AS Stainless Steel Pipe, ASTM A249, TP316L B-8400-125E Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-1 Bronze Cast Alloy, UNS C92200, ASTM B61 B-8412-11 Stainless Steel Pipe, ASTM A249, TP304L BK9450-8 FC Brass, UNS C36000, ASTM B16 B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L 1337C5-22C Stainless Steel Pipe, ASTM A249, TP304L				2227-25	2227-25	FC Brass, UNS C36000 ASTM B16	8
450059-5 Stainless Steel Pipe, ASTM A249, TP316L 450151-5 Stainless Steel Pipe, ASTM A249, TP316L 1337C-22 B Stainless Steel Pipe, ASTM A269, TP316L 1337B5-22B Stainless Steel Pipe, ASTM A269, TP316L 1337B-62AS Stainless Steel Pipe, ASTM A249, TP316L 1337B-62AS Stainless Steel Pipe, ASTM A249, TP316L B-8400-12SE Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-1 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-2 Stainless Steel Pipe, ASTM A249, TP304L BS9402-10 Stainless Steel Pipe, ASTM A249, TP304L 1337C5-22C Stainless Steel Pipe, ASTM A269, TP316L				450153	450153	FC Brass, UNS C36000, ACTM B16	000
450151-5 Stainless Steel Pipe, ASTM A249, IP310L 1337-22 B Stainless Steel Pipe, ASTM A249, TP316L 1337-535 Stainless Steel Pipe, ASTM A269, TP316L 1337BS-22B Stainless Steel Pipe, ASTM A269, TP316L 1337BS-22B Stainless Steel Pipe, ASTM A249, TP316L B-8400-125E Bronze Cast Alloy, UNS C92200, ASTM B61 B-9408ST-1 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L 1337CS-22C Stainless Steel Pipe, ASTM A249, TP316L				450059-S	450059-5	Stainless Steel Dipe ACTAN ADAD TRACE	000
1337C-22 B Stainless Steel Pipe, ASTM A249, IP316L 1337C-22 B Stainless Steel Pipe, ASTM A269, TP316L 1337BS-22B Stainless Steel Pipe, ASTM A269, TP316L 1337BS-22B Stainless Steel Pipe, ASTM A312, TP316L 1337B-62AS Stainless Steel Pipe, ASTM A249, TP316L B-8400-12SE Bronze Cast Alloy, UNS C92200, ASTM B61 B-9408ST-1 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L 1337CS-22C Stainless Steel Pipe, ASTM A269, TP316L				450151-S	450151-5	Stainless Steel Dies, ASTINI A249, IPSIGL	009
1337-525 Stainless Steel Pipe, ASTM A269, TP316L 1337-535 Stainless Steel Pipe, ASTM A269, TP316L 1337B5-22B Stainless Steel Pipe, ASTM A312, TP316L 1337B-62AS Stainless Steel Pipe, ASTM A249, TP316L B-8400-125E Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-1 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-8412-11 Stainless Steel Pipe, ASTM A249, TP304L BK9450-8 FC Brass, UNS C36000, ASTM B16 B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L 1337C5-22C Stainless Steel Pipe, ASTM A269, TP316L				1337CS- 22 SFR	12275 22 0	Stalliless steel ripe, ASTM A249, IP316L	009
1337-535 Stainless Steel Pipe, ASTM A269, TP316L 1337B5-22B Stainless Steel Pipe, ASTM A312, TP316L 1337B-62AS Stainless Steel Pipe, ASTM A249, TP316L B-8400-12SE Bronze Cast Alloy, UNS C92200, ASTM B61 B-9408ST-1 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-8412-11 Stainless Steel Pipe, ASTM A249, TP304L BK9450-8 FC Brass, UNS C36000, ASTM B16 B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L 1337C5-22C Stainless Steel Pipe, ASTM A269, TP316L				1007 CO 22 JUN	T33/C-77 B	Stainless Steel Pipe, ASTM A269, TP316L	009
1337B5-22B Stainless Steel Pipe, ASTM A312, TP316L 1337B-62AS Stainless Steel Pipe, ASTM A249, TP316L B-8400-12SE Bronze Cast Alloy, UNS C92200, ASTM B61 B-9408ST-1 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-8412-11 Stainless Steel Pipe, ASTM A249, TP304L BK9450-8 FC Brass, UNS C36000, ASTM B16 B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L 1337C5-22C Stainless Steel Pipe, ASTM A269, TP316L				1337-535	1337-535	Stainless Steel Pipe, ASTM A269, TP3161	600
1337B-62AS Stainless Steel Pipe, ASTM A249, TP316L B-8400-12SE Bronze Cast Alloy, UNS C92200, ASTM B61 B-9408ST-1 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-8412-11 Stainless Steel Pipe, ASTM A249, TP304L BK9450-8 FC Brass, UNS C36000, ASTM B16 B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L 1337CS-22C Stainless Steel Pipe, ASTM A269, TP316L				1337BS-22 SER	1337BS-22B	Stainless Steel Pine ASTM A312 TD2161	000
B-8400-125E Bronze Cast Alloy, UNS C92200, ASTM B61 B-9408ST-1 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-8412-11 Stainless Steel Pipe, ASTM A249, TP304L BK9450-8 FC Brass, UNS C36000, ASTM B16 B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L 1337CS-22C Stainless Steel Pipe, ASTM A249, TP304L				1337B-62AS	13378-62AS	Ctainless Chaol Diag Actas Ages Tages	900
B-9400-1.25E Bronze Cast Alloy, UNS C92200, ASTM B61 B-9408ST-1 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-8412-11 Stainless Steel Pipe, ASTM A249, TP304L BK9450-8 FC Brass, UNS C36000, ASTM B16 B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L 1337CS-22C Stainless Steel Pipe, ASTM A269, TP316L				B-8400 12C	0 0400 4201	Stanness Steel Fibe, ASTM A249, IP316L	009
B-9408ST-1 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-8412-11 Stainless Steel Pipe, ASTM A249, TP304L BK9450-8 FC Brass, UNS C36000, ASTM B16 B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L 1337CS-22C Stainless Steel Pipe, ASTM A269, TP316L				2-0400-120	B-8400-125E	Bronze Cast Alloy, UNS C92200, ASTM B61	009
B-9404ST-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-8412-11 Stainless Steel Pipe, ASTM A249, TP304L BK9450-8 FC Brass, UNS C36000, ASTM B16 B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L 1337CS-22C Stainless Steel Pipe, ASTM A269, TP316L				B-9407-1C	B-9408ST-1	Bronze Cast Alloy, UNS C92200. ASTM R61	009
BK9450-8 FC Brass, UNS C36000, ASTM B16 B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L Stainless Steel Pipe, ASTM A249, TP304L Stainless Steel Pipe, ASTM A269, TP316L				B-9403-1C	B-9404ST-2	Bronze Cast Allov, UNS C92200 ASTAN BE1	000
BK9450-8 FC Brass, UNS C36000, ASTM B16 B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L 1337CS-22C Stainless Steel Pipe, ASTM A269, TP316L				B-8412-11	B-8412-11	Stainless Steel Disc. ACTAA ANG TRACK.	000
B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L 1337CS-22C Stainless Steel Pipe, ASTM A269, TP316L				BK9450-8	BK9450-8	EC Bases Tibe, ASTM A249, 1P304L	9009
1337CS-22C Stainless Steel Pipe, ASTM A269, TP304L Stainless Steel Pipe, ASTM A269, TP316L				B-9402-10	B-9402-10	Strill St. UNS C36000, ASTM B16	009
133/CS-Z2C Stainless Steel Pipe, ASTM A269, TP316L				JCC 37C61	01-20+C-0	Stainless Steel Pipe, ASTM A249, TP304L	009
				727-67/661	133/CS-22C	Stainless Steel Pipe, ASTM A269, TP316L	900





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 13, 2017

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

Service Request Type.: BPV-National BC

Service Request No.: 2019448

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.: 0H19101.51.

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

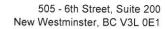
Should you have any questions or require further assistance, I will be happy to assist you. For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. When contacting TSSA regarding this file, please refer to the Service Request number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

Yours truly,

Joanna Karpinski

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

Email: jkarpinski@tssa.org





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 11, 2017

Account #: 35231 Journal #: 67300 Our File #: 5611391

Attn: TANYA FRANCIS

Re: Application for Design Registration

The design, as detailed in your, TSSA SR# 2000448, for a Fitting is accepted for registration as follows:

Registered To: ENGINEERED CONTROLS

INTERNATIONAL LLC

CRN:

0H19101.51

MAWP: 600 psig

Drawing #: MVE4D SER

Drawing Revision: A

Conditions Of Registration:

Registration of Manifold 1-1/2" Fill 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 18, 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:

rategory	Number	Description	Drawing Number	Body Number	Body Material
I	MVE4D SER	Manifold	450154-5	10111	sou) material
			450043	C-4CTOC+	Stainless Steel Pipe, ASTM A249, TP316L
			שר לרני	450043	FC Brass, UNS C36000, ASTM B16
			C7-1777	2221-25	FC Brass, UNS C36000, ASTM R16
			450153	450153	FC Brass LINS CREATION ACTIVIDATE
			450059-S	450059-s	Stainless Starl Bit Agents Agents Blow Blb
			450151-S	450151 C	Statilless Steel Pipe, ASIM A249, TP316L
			1337CS- 22 SEB	1227022	Stainless Steel Pipe, ASTM A249, TP316L
			מבי של הבי לביו	133/C-27 B	Stainless Steel Pipe, ASTM A269, TP316L
			T007-000	133/-535	Stainless Steel Pipe, ASTM A269 TP3161
			133/BS-22 SER	1337BS-22B	Stainless Steel Pine ASTM A212 TR21CI
			1337B-62AS	1337B-62AS	Stainless Stool Dim ACTA 40 10 10 1010L
			B-8400-12C	B OADD 12CF	Statilless Steel Pipe, ASIM A249, TP316L
			B-9407-10	D 0400CT 4	Bronze Cast Alloy, UNS C92200, ASTM B61
			B-9403-1C	T-ICOOPC O	Bronze Cast Alloy, UNS C92200, ASTM B61
			D 0 41 44	7-104045-0	Bronze Cast Alloy, UNS C92200, ASTM B61
			TT-7T+0-0	B-8412-11	Stainless Steel Pipe, ASTM A249, TP3041
			BK9450-8	BK9450-8	FC Brass, UNS C36000 ASTM B16
			B-9402-10	B-9402-10	Stainless Steel Pipe ASTM ADAG TRACAL
			1337CS-22C	1337CS-22C	Stainless Steel Pipe, ASTM A269, TD2161





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

June 07, 2017

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

Service Request Type.: BPV-National CSA

Service Request No.: 2019468

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-0H19101.56.

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



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 fifting, in the space below



STATUTORY DECLARATION Registration of Fittings

CHAD THOMAS, VP GLOBAL ENGINEERING

(Name and Position, e.g. President, Plant Manager, Chief Engineer)

(Name of Manufacturer)

of ENGINEERED CONTROLS INTERNATIONAL. LLC

336-449-7707

Located at 100 REGO DRIVE, ELON, NC - 27244

osolemnly declare that the fittings listed hereunder, which are subject to the Technical Standards and Safety Act, Boilers (Telephone No.) and Pressure Vessels Regulation, comply with all of the requirements of (Plant Address)

which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service; (Title of recognized North American Standard)

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.

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

type fittings. In support of The items covered by this declaration, for which I seek registration, are category "H"

this application, the following information and/or test data are attached as follows: SEE ATTACHED LIST

(drawings, calculations, test reports, etc.)

or Alamance, NC Declared before me at Engineered Controls Intil 1814 in the COUNTY day of DECEMBER AD 20 16

Signature of Declarer)

Marion E Ellerth

(Signature)

Marisa E. Elliot

Commissioner for Oaths:

a Commissioner. etc., City of Toronto, for the Technical Standards & Safety Authority

Explres July 24, 2019

Colleen Anne Ratcliff,

Signature:

42

the

my commission expires \$131/2071

ALAMANCE COUNTY

NOTARY PUBLIC

NORTH CAROLINA

MARISA E. ELLIOTT

REGISTERED Technical Standards and Safety Act, Bollers and Pressure Vessels Regulation, and To the best of my knowledge and belief, the application meets the requirements of the FOR OFFICE USE ONLY

CSA - CH 19101.56 CSA Standard B51 and is accepted for registration in Category

A. BANWATT

Registered by:

CRN:

Dated:

APRIL. 12.2017

JAN. 18 - 2027

CSA CRN: CSA-OH 9 101.56

Registration Process administered by CSA Group per CSA BE

NOTE: This registration expires on:

PV 09553 (06/16)

CSNote: See attachment as the scope of registration.

Choic

System						
Number Description	Descrip	otion	Drawing Number	Body Number	Body Material	Service
MVE4D SER Manifold	Mani	Plo	AEO1E4 C			Pressure
		2	430T34-3	450154-S	Stainless Steel Pipe. ASTM A249 TP2161	000
			450043	450043	FC Brass LINS CREAD ACTAN DAG	000
			2227-25	2227-25	FC Brase LIMS COCOOD ACTIVE SA	009
			450153	450153	EC Brass, UNS CACOOD, ASLIM BIG	009
			450059-S	450059-c	Ctairles Ct. 15:	009
			450151-5	A50151 C	Stainless Steel Pipe, ASTM A249, TP316L	009
			1337CS- 22 SER	4-10101+2	Stainless Steel Pipe, ASTM A249, TP316L	009
			1337-536	1337C-22 B	Stainless Steel Pipe, ASTM A269, TP316L	009
			420000000000000000000000000000000000000	1337-535	Stainless Steel Pipe, ASTM A269, TP3161	600
			133/BS-22 SER	1337BS-22B	Stainless Steel Dine ACTAN A2212	000
			1337B-62AS	1337B-62AS	Ctainless Steel Die Active 2012, 1P316L	009
			B-8400-12C	R-8400 12CE	Stanness Steel Pipe, ASTM A249, TP316L	009
			B-0407 1C	D 0400-123E	Bronze Cast Alloy, UNS C92200, ASTM B61	900
			7T-7046-0	B-9408ST-1	Bronze Cast Alloy, UNS C92200. ASTM B61	600
			B-9403-1C	B-9404ST-2	Bronze Cast Alloy LIMS CODDO ACTA & DC	000
			B-8412-11	B-8412-11	Stainless Stool Ding Active 2010	009
			BK9450-8	BK9450-8	EC Brace Hipe, ASTM A249, TP304L	009
			B-9402-10	B-9402-10	Strings, UNS C36000, ASTM B16	009
			1337CS-22C	1237661	Stalliless Steel Pipe, ASTM A249, TP304L	009
			222000000000000000000000000000000000000	122/C2-77C	Stainless Steel Pipe, ASTM A269, TP316L	600



ATTACHMENT TO

C.R.N.C.S.H.-OHIGIOJ. 55
Signed. OSAL XCCTT

178 Rexdale Boulevara, Toronto, UN Canada M9W 183



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.: 2019472

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.: 0H19101.54.

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

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

April 18, 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
MVE4D-SER REV. A	0Н19101.54	37548

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 Jan 18, 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.

Yours truly.

Rabie Harb E.I.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: rabie.harb@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



STATUTORY DECLARATION Registration of Fittings

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(Name and Position, e.g. President, Plant Manager, Chief Engineer)

Name of Manufacturer)

of ENGINEERED CONTROLS INTERNATIONAL. LLC

Located at 100 REGO DRIVE, ELON, NC - 27244

336-449-7707 (Telephone No.) (Plant Address)

do solemnly declare that the fittings listed hereunder, which are subject to the Technical Standards and Safety Act, Boilers

which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service; (Title of recognized North American Standard)

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.

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 The items covered by this declaration, for which I seek registration, are category "H"

type fittings. In support of

this application, the following information and/or test data are attached as follows: SEE ATTACHED LIST (drawings, calculations, test reports, etc.)

Declared before me at Engineed anthals Intil 1614 in the County

day of December AD 20 16

the

or Mamance, NC

Commissioner for Oaths:

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

Colleen Anne Ratcliff,

Signature:

Marian E Ellioth Marisa E. Elliott

(Signature)

sams (Signature of Declarer)

FOR OFFICE USE ONLY

Technical Standards and Safety Act, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category To the best of my knowledge and belief, the application meets the requirements of the

4H19141.54

Registered by:

Rabie Harb

2017 /04

Dated:

NOTE: This registration expires on:

PV 09553 (06/16)

2027 Jan 18

ALAMANCE COUNTY MARISA E. ELLIOTT NORTH CAROLINA NOTARY PUBLIC

my commission expires \$131/2071

Date: 2017 /04 /18 Monitobe W C.R.N.: 4H19141 Signed: Rahie 2 Inspection & Technical Services Manitoba

Gategory Number Description Drawing Number Body Number Body Number Body Number Body Material Service H MVE4D SER Manifold 450154-S 450154-S Stainless Steel Pipe, ASTM A249, PP316L 600 2227-25 2227-25 2227-25 FC Brass, UNS C36000, ASTM B16 600 450059-S 450059-S 520165-S FC Brass, UNS C36000, ASTM B16 600 450151-S 450151-S FC Brass, UNS C36000, ASTM B16 600 450151-S 450151-S 5tainless Steel Pipe, ASTM A249, FP316L 600 450151-S 450151-S 5tainless Steel Pipe, ASTM A249, FP316L 600 1337CS-22 SER 1337C-22 B Stainless Steel Pipe, ASTM A249, FP316L 600 1337B-523 SER 1337B-52S Stainless Steel Pipe, ASTM A249, FP316L 600 B-8400-12C B-8400-12SE Bronze Cast Alloy, UNS C92200, ASTM B61 600 B-9407-1C B-9408ST-1 Stainless Steel Pipe, ASTM A249, FP316L 600 B-9407-1C B-9408ST-2 Bronze Cast Alloy, UNS C92200, ASTM B61 600 B-9407-1C		Cvetom					
MVE4D SER Manifold 450154-5 450154-5 Stainless Steel Pipe, ASTM A249, TP316L 450043 450043 FC Brass, UNS C36000, ASTM B16 2227-25 2227-25 FC Brass, UNS C36000, ASTM B16 450059-5 450059-5 Stainless Steel Pipe, ASTM A249, TP316L 450151-5 450151-5 Stainless Steel Pipe, ASTM A249, TP316L 1337C5-22 SER 1337C-22 B Stainless Steel Pipe, ASTM A249, TP316L 1337B5-22 SER 1337B5-22 B Stainless Steel Pipe, ASTM A269, TP316L 1337B5-22 SER 1337B5-22 B Stainless Steel Pipe, ASTM A269, TP316L B-8400-12C B-8400-12C B-8400-12C B-9407-1C B-9408ST-1 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9403-1C B-9404ST-2 Bronze Cast Alloy, UNS C3200, ASTM B61 B-9403-1C B-9404ST-3 Bronze Cast Alloy, UNS C3200, ASTM B61 B-9403-1C B-9404ST-3 Bronze Cast Alloy, UNS C3200, ASTM B61 B-9403-1C B-9404ST-3 Bronze Cast Alloy, UNS C3200, ASTM B61 B-9403-1C B-9404ST-3 Bronze Cast Alloy, UNS C3200, ASTM B61 B-9405-2 B-9402-10 B-9402-10<	Category		Description	Drawing Number	Body Number	Body Material	Service
450134-5 Stainless Steel Pipe, ASTM A249, TP316L 450043 450043 FC Brass, UNS C36000, ASTM B16 2227-25 2227-25 FC Brass, UNS C36000, ASTM B16 450153 450153 FC Brass, UNS C36000, ASTM B16 450059-5 450151-5 Stainless Steel Pipe, ASTM A249, TP316L 450151-5 450151-5 Stainless Steel Pipe, ASTM A249, TP316L 13376-22 SER 13376-22 B Stainless Steel Pipe, ASTM A269, TP316L 13378-22 SER 13378-22B Stainless Steel Pipe, ASTM A249, TP316L 13378-22 SER 13378-22B Stainless Steel Pipe, ASTM A249, TP316L B-8400-12C B-8400-12SE Bronze Cast Alloy, UNS C92200, ASTM B61 B-9403-1C B-94085T-1 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9403-1C B-94045T-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9403-1C B-94045T-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9403-1C B-94045T-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9402-10 B-94045T-2 Stainless Steel Pipe, ASTM A249, TP304L B-9402-10 B-94045T-2 Stainless Steel Pipe, ASTM A249, TP304L <td< td=""><td>I</td><td>MVE4D SER</td><td>Manifold</td><td>45015A.C</td><td>AFOAFAC</td><td>-</td><td>Pressure</td></td<>	I	MVE4D SER	Manifold	45015A.C	AFOAFAC	-	Pressure
450043 FC Brass, UNS C36000, ASTM B16 2227-25 FC Brass, UNS C36000, ASTM B16 450153 FC Brass, UNS C36000, ASTM B16 450059-S Stainless Steel Pipe, ASTM A249, TP316L 450151-S Stainless Steel Pipe, ASTM A249, TP316L 1337C-22 B Stainless Steel Pipe, ASTM A269, TP316L 1337-53S Stainless Steel Pipe, ASTM A269, TP316L 1337BS-22B Stainless Steel Pipe, ASTM A249, TP316L B-8400-125E Bronze Cast Alloy, UNS C92200, ASTM B61 B-9408ST-1 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L BR9450-8 FC Brass, UNS C36000, ASTM B16 B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L				C-+CTOC+	450154-5	Stainless Steel Pipe, ASTM A249, TP316L	009
2227-25 FC Brass, UNS C36000, ASTM B16 450153 FC Brass, UNS C36000, ASTM B16 450059-S Stainless Steel Pipe, ASTM A249, TP316L 450151-S Stainless Steel Pipe, ASTM A249, TP316L 1337C-22 B Stainless Steel Pipe, ASTM A269, TP316L 1337BS-22B Stainless Steel Pipe, ASTM A269, TP316L 1337BS-22B Stainless Steel Pipe, ASTM A249, TP316L B-8400-125E Bronze Cast Alloy, UNS C92200, ASTM B61 B-9408ST-1 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-2 Stainless Steel Pipe, ASTM A249, TP304L BK9450-8 FC Brass, UNS C36000, ASTM B16 B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L 1337CS-22C Stainless Steel Pipe, ASTM A249, TP304L				450043	450043	FC Brass, UNS C36000, ASTM B16	900
450153 FC Brass, UNS C36000, ASTM B16 450059-S Stainless Steel Pipe, ASTM A249, TP316L 450151-S Stainless Steel Pipe, ASTM A249, TP316L 1337C-22 B Stainless Steel Pipe, ASTM A269, TP316L 1337BS-22B Stainless Steel Pipe, ASTM A269, TP316L 1337BS-22B Stainless Steel Pipe, ASTM A249, TP316L 1337B-62AS Stainless Steel Pipe, ASTM A249, TP316L B-9400-12SE Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-1 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-2 Stainless Steel Pipe, ASTM A249, TP304L BK9450-8 FC Brass, UNS C36000, ASTM B16 B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L 1337CS-22C Stainless Steel Pipe, ASTM A269, TP316L				2227-25	2227-25	FC Brass, UNS C36000 ACTM R16	000
450059-S Stainless Steel Pipe, ASTM A249, TP316L 450151-S Stainless Steel Pipe, ASTM A249, TP316L 1337C-22 B Stainless Steel Pipe, ASTM A269, TP316L 1337-53S Stainless Steel Pipe, ASTM A269, TP316L 1337B-62AS Stainless Steel Pipe, ASTM A249, TP316L B-8400-125E Bronze Cast Alloy, UNS C92200, ASTM B61 B-94085T-1 Bronze Cast Alloy, UNS C92200, ASTM B61 B-94045T-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-8412-11 Stainless Steel Pipe, ASTM A249, TP304L BK9450-8 FC Brass, UNS C36000, ASTM B16 B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L 1337CS-22C Stainless Steel Pipe, ASTM A249, TP304L				450153	450153	FC Brass, UNS C36000 ACTM R16	000
450151-5 Stainless Steel Pipe, ASTM A249, TP316L 1337C-22 B Stainless Steel Pipe, ASTM A249, TP316L 1337-535 Stainless Steel Pipe, ASTM A269, TP316L 1337B-52B Stainless Steel Pipe, ASTM A312, TP316L 1337B-62AS Stainless Steel Pipe, ASTM A249, TP316L B-8400-12SE Bronze Cast Alloy, UNS C92200, ASTM B61 B-9408ST-1 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L 1337CS-22C Stainless Steel Pipe, ASTM A269, TP316L				450059-5	450059-S	Stainless Steel Dine ASTM A240 TD2161	000
1337C-22 B Stainless Steel Pipe, ASTM A269, TP316L 1337-53S Stainless Steel Pipe, ASTM A269, TP316L 1337B5-22B Stainless Steel Pipe, ASTM A312, TP316L 1337B-62AS Stainless Steel Pipe, ASTM A249, TP316L B-8400-12SE Bronze Cast Alloy, UNS C92200, ASTM B61 B-9408ST-1 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-8412-11 Stainless Steel Pipe, ASTM A249, TP304L BK9450-8 FC Brass, UNS C36000, ASTM B16 B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L 1337CS-22C Stainless Steel Pipe, ASTM A249, TP304L				450151-S	450151-S	Stainless Steel Dine, ACTM A249, 1F318L	009
1337-535 Stainless Steel Pipe, ASTM A269, TP316L 13378-22B Stainless Steel Pipe, ASTM A269, TP316L 13378-62AS Stainless Steel Pipe, ASTM A312, TP316L 13378-62AS Stainless Steel Pipe, ASTM A249, TP316L 8-8400-12SE Bronze Cast Alloy, UNS C92200, ASTM B61 8-9408ST-1 Bronze Cast Alloy, UNS C92200, ASTM B61 8-9404ST-2 Stainless Steel Pipe, ASTM A249, TP304L 1337CS-22C Stainless Steel Pipe, ASTM A249, TP316L				1337CS- 22 SFR	1337C-22 B	Ctainless Steel Pie, ASIM AZ49, IPSIOL	900
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1337B5-22B Stainless Steel Pipe, ASTM A312, TP316L 1337B-62AS Stainless Steel Pipe, ASTM A249, TP316L B-8400-12SE Bronze Cast Alloy, UNS C92200, ASTM B61 B-9408ST-1 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-8412-11 Stainless Steel Pipe, ASTM A249, TP304L BK9450-8 FC Brass, UNS C36000, ASTM B16 B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L 1337CS-22C Stainless Steel Pipe, ASTM A269, TP316L				1337-333	133/-535	Stainless Steel Pipe, ASTM A269, TP316L	900
1337B-62AS Stainless Steel Pipe, ASTM A249, TP316L B-8400-12SE Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-1 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-1 Stainless Steel Pipe, ASTM A249, TP304L BK9450-8 FC Brass, UNS C36000, ASTM B16 B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L 1337CS-22C Stainless Steel Pipe, ASTM A269, TP316L				1337BS-22 SER	1337BS-22B	Stainless Steel Pine ASTM A312 TD2161	
B-8400-12SE Bronze Cast Alloy, UNS C92200, ASTM B61 B-9408ST-1 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-8412-11 Stainless Steel Pipe, ASTM A249, TP304L BK9450-8 FC Brass, UNS C36000, ASTM B16 B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L 1337CS-22C Stainless Steel Pipe, ASTM A269, TP316L				1337B-62AS	1337B-62AS	Stainless Steel Dine ACTM AND TRACE	000
B-9408ST-1 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9408ST-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-1 Stainless Steel Pipe, ASTM A249, TP304L BK9450-8 FC Brass, UNS C36000, ASTM B16 B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L 1337CS-22C Stainless Steel Pipe, ASTM A269, TP316L				B-8400-12C	R-8400-12CE	Dross Seet Lipe, Ast M A249, IPSIDL	900
B-940851-1 Bronze Cast Alloy, UNS C92200, ASTM B61 B-9404ST-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-8412-11 Stainless Steel Pipe, ASTM A249, TP304L BK9450-8 FC Brass, UNS C36000, ASTM B16 B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L 1337CS-22C Stainless Steel Pipe, ASTM A269, TP316L				D 0407 1C	2 0400-123L	bronze cast Alloy, UNS C92200, ASTM B61	009
B-9404ST-2 Bronze Cast Alloy, UNS C92200, ASTM B61 B-8412-11 Stainless Steel Pipe, ASTM A249, TP304L BK9450-8 FC Brass, UNS C36000, ASTM B16 B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L 1337CS-22C Stainless Steel Pipe, ASTM A269, TP316L				D-240/-TC	B-940851-1	Bronze Cast Alloy, UNS C92200, ASTM B61	009
BK9450-8 FC Brass, UNS C36000, ASTM B16 B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L 1337CS-22C Stainless Steel Pipe, ASTM A269, TP316L				B-9403-1C	B-9404ST-2	Bronze Cast Alloy, UNS C92200, ASTM B61	009
BK9450-8 FC Brass, UNS C36000, ASTM B16 B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L 1337CS-22C Stainless Steel Pipe, ASTM A269, TP316L				B-8412-11	B-8412-11	Stainless Steel Pine ACTM A249 TD2041	000
B-9402-10 Stainless Steel Pipe, ASTM A249, TP304L 1337CS-22C Stainless Steel Pipe, ASTM A269, TP316L				BK9450-8	BK9450-8	FC Brace LINE COCODO ACTAR DATE	000
1337CS-22C Stainless Steel Pipe, ASTM A269, TP316L				B-9402-10	B-9402-10	Stainless Steel Dies ACTM A240 TESSA!	009
Statistics Steel ripe, ASTM A289, IP316L				1337CS-22C	1337CS-22C	Stainless Steel Dies, ASTM A249, 1P304L	900
					24 00 1001	ordiness steel ripe, ASTM A269, IP316L	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

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.: 2019440

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.: 0H19101.59870YTN.

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

2. Each category shall be supported with two Statutory Declaration

4. Quality control programs shall be resubmitted for validation

3. The declaration shall be made by the person having full authority and

forms and one copy of supporting documentation.

responsibility for the quality of the end product,

at a maximum interval of five (5) years.

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS NEW BRUNSWICK PRINCE EDWARD ISLAND NOVA SCOTIA NEWFOUNDLAND AND LABRADOR NUNAVUT YUKON NORTHWEST TERRITORIES MANUFACTURERS NAME: Engineere slay as MANUFACTURERS ADDRESS: PLANT LOCATIONS: 70 abov e CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY TITLE OF THE STANDARD OF CONSTRUCTION A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves ASME B31.1 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 bollers, pressure vessels, piping and fusible plugs H 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 DYPE OF CONSTRUCTION FORGED | WELDED | WROUGHT | CAST | COTHER | DISCRIBE OTHER: LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED. See attached list. DECLARATION: <u>へつつつつ A (see note 3) amployed by</u> FCI and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by パンクラック/ じょうかん as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath. Signature of Declarer: MARISA E. ELLIOTT Engineered Controls, Int Declared before me at USETHNOTARYARUBLAGE THE · lloth day of DCCCMber 2016 ALEAMANGE COUNTY Commissioner of Oaths Manag NORTH CAROLINA My commission expires 8/31/2021 (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: 0H19101.5 ACCEPTED PROVINCE OF PRINCE EDWARD ISLAND FID#: 1704 COMMUNITIES, LAND & ENVIRONMENT Notes: 1. All fittings shall be registered in the name of the Manufacturer. DATE:

INSPECTION SERVICES SECTION

BOILER/PRESSURE VESSEL BRANCH

UNIFORM STATUTORY DE	CLARATION FORM FOR	THE REGISTRATIC	N OF FITTING DESIGN	
NEW BRUNSWICK NOVA SCO NUNAVUT YUKON	TIA PRINCE EDW		NEWFOUNDLAND AND LA	
MANUFACTURERS NAME: Emaine				
MANUFACTURERS ADDRESS:		Dis Tote	protional	LLC
PLANT LOCATIONS:	O Kego Da	,	n, 101-272	lele
CATEGORY OF FITTINGS TO BE	REGISTERED. CIRCLE ONE CA	TEGORY OULV		
A Pipe fittings, including couplings, tees, elbo B Flanges: all flanges C Valvas: all line valves D Expansion joints, flexible connections, and	ws, Ys, plugs, unions, pipe caps,	or reducers	ASME B.	
Strainers, filters, separators, and steam trap Measuring devices, including pressure gauge pressure transmitters G Certified capacity-rated pressure relief devices boilers, pressure vessels, piping and fusible.	pes, level gauges, sight glasses, le		75/16 5	37' /
H Pressure retaining components that do not	fall into one of the above categorie	•		
N Nuclear components: Class 1 Class 2 C	Class 3 D. (Meeting AFCR or	ACME requirements		
SHOW MANUFACTURERS NAME, TRADEMA	IRK, OR LOGO AS IT WILL APP	EAR ON THE PRODUC	I TYPE OF CONSTRUC	Tion
REGO®		7,1494	FORGED WELDED WRO	
LIST OF SUPPORTING DOCUMENTATION A	ND IDENTIFICATION OF THE A	CTUAL ITCUS		
	A STATE OF THE A	STUALITEMS TO BE R	EGISTERED:	
	lacked list			
DECLARATION: I Charle To The quality of the end product for writemperature ratings, and identification mark manufacture of these fittings is regulated by or in part and has been verified by ICO declaration conscientiously believing it to be	hich registration is sought. The kings are in accordance with the a Quality Control Program with	e dimensions, materia e herein named stand nich extends to each p	ed in this form is true and to als of construction, pressure lards. I further declare that t alant where fabrication occu	the best of the rs in whole
Signature of Declarer:	· wows	MAR	ISA E. ELLIOTT	·
Declared before me at Engintered C	South 15, Int 1/Elan AD 2016	USETHNO	TARYARUBLIG R	THE
Commissioner of Oaths Manda &			MANGE COUNTY TH CAROLINA	
(Affix Official se		My comm	ission expires 8/3	31/2021
	This space for Regulatory		7. 7.	1-0-1
This registration ma	ust be revalidated after ten (10		of accordance	
CRN: 0H19101.5		ER&P	RESSURE	
FID#: 1704		o Date F	eb.ai/17	
Notes: 1. All fittings shall be registered in the name of it. 2. Each category shall be supported with two St forms and one copy of supporting documentation. 3. The declaration shall be made by the person responsibility for the quality of the end product.	latutory Declaration n. having full authority and	Dwg. as	La1	
 Quality control programs shall be resubmitted at a maximum interval of five (5) years. 	l for validation	CraR	Part EGULATIONS	o

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAN NORTHWEST TERRITOR		NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME	Ensineered	Caralasta	4-1	
MANUFACTURERS ADDR	ESS:	Sen mols	antes	notional Lic
PLANT LOCATIONS:	Same Cul	above	Z-Lox	26-27244
CATEGORY OF		CIRCLE ONE CATEGORY O	NLY	TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including co B Flanges: all flanges C Valves: all line valves	uplings, tees, elbows, Ys, plugs, u	nions, pipe caps, or reducers		ASME B31.1
Measuring devices, included pressure transmitters Certified capacity-rated publics, pressure vessels Pressure retaining compounds	ting pressure gauges, level gauge ressure relief devices acceptable a piping and fusible plugs enents that do not fall into one of the	as primary over pressure prote		
N Nuclear components: Cla	ass 1 🗆 Class 2 🗆 Class 3 🗀, (Meeting AECB or ASME requi	rements)	
REGO	NAME, TRADEMARK, OR LOGO			TYPE OF CONSTRUCTION FORGED WELDED WROUGHT CAST OTHER CORESCRIBE OTHER:
LIST OF SUPPORTING DO	CUMENTATION AND IDENTIFICA	ATION OF THE ACTUAL ITE	MS TO BE RE	GISTERED:
DECLARATION: Tesponsibility for the quality my knowledge represents the temperature ratings, and idmanufacture of these fitting	he product for which registration entification markings are in acceptaints and acceptance of the second sec	ly declare that the information is sought. The dimension condance with the least of the large transfer and the lar	ion contained ons, materials amed standar	ds. I further declare that the
declaration conscientiously Signature of Declarer:	balleving it to be true, and known in the control of the control o	wing that it is of the same	force and effe	t purpose and I make this solemn ect as if made under oath. SA E. ELLIOTT
1. 4.	0.0	ATI/BION USE		ARYARUBLAGR THE
Commissioner of Oaths or Notary Public: (sign)	Namou E. Ellio (Affix Official seal to the right)	M W	NORT	TH CAROLINA Sion expires 8/31/2021
Th.	This spaces registration must be revalidated	ce for Regulatory Authority use	low to	Not the second
CRN: 0H19101.5	s registration must be revailed	GE:	TOP PUBL	LIC SAFETY RE VESSEL ACT
Notes: 1. All fittings shall be register 2. Each category shall be surforms and one copy of support	ed in the name of the Manufacture ported with two Statutory Declarat ting documentation. ade by the person having full autho	r. CRN	EGISTRATI	
responsibility for the quality of	the end product. hall be resubmitted for validation		for FBOILERI	17,2017
			BLRs	PVs
		☑ FIT	TINGS [COMPONENTS

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: Engince potiono MANUFACTURERS ADDRESS: PLANT LOCATIONS: Bov e CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY TITLE OF THE STANDARD OF CONSTRUCTION A Pipe fittings, including couplings, tees, elbows, Ys, pluge, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves ASME B31.1 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 H 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 | WROUGHT | CAST | OTHER | DESCRIBE OTHER: LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: See attached list. DECLARATION: I Charl MODDAR (see note 3) employed by FCI 22 and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by じこうつかしししょうしょう as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath, Signature of Declarer: MARISA E. ELLIOTT Declared before me at USETHNOTARYARUBLAGR THE Mell ALFARMANGE COUNTY Commissioner of Oaths Manda NORTH CAROLINA My commission expires 8/31/2021 (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: OH19101.5 FID#: 1704 Sorvice NL Registered OH 1916 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration Engineering and Inspection Services forms and one copy of supporting documentation.

Registered by

UNDER THE AUTHORITY OF THE

PUBLIC SAFETY ACTIVID
THE BOILER, PRESSURE VESSEL AND
COMPRESSED OF SIERBY ATTENTION

3. The declaration shall be made by the person having full authority and

4. Quality control programs shall be resubmitted for validation

responsibility for the quality of the end product.

at a maximum interval of five (5) years.

NEW BRUNSWICK NOVA SCOTIA PRINCE EDWARD ISLAND NEWFOUNDLAND AND LABRADOR NUNAVUT YUKON NORTHWEST TERRITORIES

MANUFACTURERS NAME:	
MANUFACTURERS ADDRESS: O CON MY	ols International LLC
PLANT LOCATIONS: (7)	
CATEGORY OF FITTINGS TO BE REGISTERED, CIRCLE ONE CAT	
A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, o B Flanges: all flanges	
C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps	ASME B31.1
 F Measuring devices, including pressure gauges, level gauges, sight glasses, level pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pre 	POLICE TORONS
Boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories	g
N Nuclear components: Class 1 ☐ Class 2 ☐ Class 3 ☐, (Meeting AECB or A	SME requirements)
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPE	
REGO®	FORGED WELDED WROUGHT CAST OTHER DESCRIBE OTHER:
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE AC	CTUAL ITEMS TO BE REGISTERED:
See attached list	,
DECLARATION: I Charle Towns (1900 note 3) employed by ECT responsibility for the quality of the end product do solemnly declare that the my knowledge represents the product for which registration is sought. The temperature ratings, and identification markings are in accordance with the manufacture of these fittings is regulated by a Quality Control Program who or in part and has been verified by 15000 DL 100 and declaration conscientiously believing it to be true, and knowing that it is of	e information contained in this form is true and to the best of e dimensions, materials of construction, pressure e herein named standards. I further declare that the nich extends to each plant where fabrication occurs in whole as being suitable for that purpose and I make this paleons.
Signature of Declarer:	MARISA E. ELLIOTT
Declared before me at Engineered Controls, Intl/Ein This 16th day of December AD 2016	USETHNOTARYARUBLIC R THE ALFAMANGE COUNTY
Commissioner of Oaths Warra E. Eleioth or Notary Public: (sign)	NORTH CAROLINA
(Affix Official seal to the right)	My commission expires 8/31/2021
This space for Regulatory / This registration must be revalidated after ten (10	Authority use
122 1	y years from the date of acceptance.
CRN: 0H19101.5	
FID#: 1704	BAMNENT OF TO
Notes:	S By OZ
1. All fittings shall be registered in the name of the Manufacturer.	(CRN/0H19101.5Y
Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.	DATE 2/27/2017
3. The declaration shall be made by the person having full authority and	BOILERS BRANCH
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.	· Out

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1	MANUFACTURERS ADDRESS:	nollowor rec
4	BLANT LOCATIONS: CZ	7 27 24
	CATHORN OF FITH AND TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
	A Pipe fillings, including couplings, tees, albows, Ys, plugs, unions, pipe caps, or reducars	
	B Flanges: eli flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, esparatore, and steam traps F Messuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure traps pressure transmitters	ASME B31.1
-	G Certified capacity-rajed pressure relief devices acceptable as primary over pressure protection on	и
1	bolions, pressure veasels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above calegories	
	N Nuclear components: Class 1 🖸 Class 2 🖸 Class 3 🕽, (Moeting AECB or ASME requirements)	
	SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT	TYPE OF COHRYRUCTION
	REGO®	POROBD WELDED WROUGHT D
١	LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE RE	DISTERED
١		SIGIRITARY
	1	*)
	See attached list	
	see affected for	92
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1	PEGLADATION.	
1	DECLARATION: Charle TO TOTAL R. 1600 note 3) employed by ECT LLC and bell	ng the person having full authority and
	responsibility for the quality of the end product do solemnly deciare that the information container my knowledge represents the product for which registration is sought. The dimensions, materials temperature ratings, and identification markings are in accordance with the herein named standarmanufacture of those fittings is regulated by a Quality Control Program which extends to each play or in part and has been verified by 100 300 100 100 100 as being suitable for the declaration conscientiously balleving it to be true, and knowing that it is of the same force and effective to the same force and effective that the information conscientions are the same force and effective that the information container when the product for which registration is sought. The dimensions, materials to produce the product for which registration is sought. The dimensions, materials to produce the product for which registration is sought. The dimensions, materials to produce the product for which registration is sought. The dimensions, materials to produce the product for which registration is sought. The dimensions, materials to produce the product for which registration is sought. The dimensions is sought. The dimensions is sought. The dimensions is sought to produce the product for the product	d in this form is true and to the best of s of construction, pressure trids. I further declare that the ant where fabrication occurs in whole at purpose and I make this solemn
Ì	Signaluro of Declarer: MARI	SA E, ELLIOTT
1		CARYARUBLIC R THE
-	This 14th day of December AD 2014 DEFARM	ANGE COUNTY
	Commissioner of Oaths Ala	TH CAROLINA
1	or Notary Public: (algn) Waway 7. Ellan	
		155ion expires 8/31/2021
1	This space for Regulatory Authority use	7
	This registration must be revalidated after ten (10) years from the date of	or acceptance.
1	CRN: 0H19101.5	
		Northwest 163.00
		Territories
	/ RI	EGISTERED \
	Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration THE BOIL forms and one copy of supporting documentation.	HE AUTHORITY OF
1		ESSEL ACT.
	4. Quality control programs shall be resubmitted for validation	11/1/0/2
	at a maximum interval of five (5) years.	
	DATE. A	0 4 (9)
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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 EDWARD		NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME	18			
MANUFACTURERS ADDR	RESS:	Son wo	ड तान	ennotional LLC
PLANT LOCATIONS:	Same and	20 Douv	e, 7-1,	on, 20c-27244
CATEGORY OF	FITTINGS TO BE REGISTERED.	<u>aliao∨ e</u> CIRCLE ONE CATEG	ORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including c	ouplings, tees, elbows, Ys, plugs, ur	nions, pipe caps, or re	ducers	-
B Flanges: all flanges C Valves: all line valves				1 - 1 - 70
D Expansion joints, flexible connections, and hose assemblies: all types				ASME B31.1
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				
H Pressure retaining components that do not fall into one of the above categories				
	Class 1 Class 2 Class 3 C, (I			
SHOW MANUFACTURERS	NAME, TRADEMARK, OR LOGO	AS IT WILL APPEAR	ON THE PROD	FORGED WELDED WROUGHT
DER	a			CAST OTHER DESCRIBE OTHER:
KEGI	<i>))</i>			
ى سے	2 846)			
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:				
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(re allache	o list.		ŀ
	ce affiche	() () ()		
				· ·
DECLARATION:		Dar		
1 Charles Thomas R (1000 note 3) employed by ECT LLC and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of				
my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure				
temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the				
manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by 150 900/02/02 as being suitable for that purpose and I make this solemn				
declaration conscientious	ly believing it to be true, and known	owing that it is of the	e same force a	nd effect as if made under oath.
Signature of Declarer: /	bel M /1	neus	NA.	ARISA E. ELLIOTT
	Engineered Controls, I	nt1/Eion	3	
	2000	VIII DIGI		NOTARYARUBLIG R THE
		14		AMANGE COUNTY
or Notary Public: (slan)	Marisa E. Ellio	tx		ORTH CAROLINA
of Hotal y Fublic. (algir) _	(Affix Official seal to the right)		_ MY car	nmission expires 8/31/7024
	This spa	ce for Regulatory Au	hort I a	NUMANUT
	This registration must be revalida	ated after ten (10)	mon se	date of acceptance.
CRN: 0H19101.	5		1	Boilers and
			Nuñavut	Pressure Vessels Act
FID#: 1704				PECIOTEDED
	alabased (a like a series of the Manufacture			REGISTERED
Notes:			CRN (H 19101.5N
All fittings shall be registered in the name of the Manufacturer. Each category shall be supported with two Statutory Declaration				
forms and one copy of sup	porting documentation. made by the person having full auti	hority and	Date	eb 17 2017
responsibility for the quality	of the end product.	iony and	Signed	Million 1-
Quality control program at a maximum interval of fre	s shall be resubmitted for validation			Chief Inspector
et a maximum interval of m	ro (o) yours.			
			Torri	torial Registration Fee
			16111	ional registration i ee