

# **Emerson 8800 Vortex Flowmeter CRN Listing**

Province	Legislative Authority
Alberta	Alberta Boilers Safety Association
Ontario	Technical Standards and Safety Authority
British Columbia	Technical Safety BC
Sasketchewan	Technical Safety Authority of Saskatchewan
Quebec	Régie du bâtiment du Québec
Manitoba	Office of the Fire Commissioner Inspection and
	Technical Services
New Brunswick	
Prince Edward Island	
Newfoundland & Labrador	ACI Central Inc
Nunavut	
Northwest Territories	

Unless otherwise noted, date of expiration for all provinces is June 3, 2029.



May 27, 2020

Attention: Martin Kwong EMERSON - ROSEMOUNT, MICRO MOTION INC 12001 TECHNOLOGY DRIVE EDEN PRAIRIE, MN 55344

The design submission, tracking number 2020-02601, originally received on May 14, 2020 was surveyed and accepted for registration as follows:

CRN:	0F09623.2	Accepted on: May 27, 2020		
Reg Type:	ADDITION TO ACC. FITTING	Expiry Date: June 03, 2029		
Drawing No.: 8800 VORTEX CRN REG. LISTING PG. 1 THRU 12 Rev 3				
Fitting type: 8800 SERIES VORTEX FLOWMETER, 1/2" THRU 12"				
Description MAWP Design Temperature				
Rating Per Scope				

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

- The scope of this addendum is the addition of new schedule pipes, as per document 8800 Vortex CRN Reg. Listing Pg. 1 thru 12 Rev. 3.

- This registration also covers the following locations: 7070 Winchester Circle, Boulder, USA; 111 Xing Min South Road, Nanjing, China; Avenica Miguel de Cervantes #111, Chihuahua, Mexico; Neonstraat 1, 6718 WX Ede, The Netherlands; Str. Emerson, nr. 4, Cluj-Napoca, Romania;

- As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction are ASME B31.1 and ASME B31.3.

It is our understanding that the fitting(s), included as the scope of this submission, that is(are) subject to the Safety Codes Act shall comply with the requirements of the indicated Standard or Code of Construction on the AB-41 Statutory Declaration as supported by the attached data which identifies the dimensions, materials of construction, press./temp. ratings and the basis for such ratings, and the identification marking of the fittings.
This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form.

- This registration is valid only until the indicated expiry date and only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date.

- Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

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

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3369 or fax (780) 437-7787 or e-mail Radisavljevic@absa.ca.

Sincerely,

Zana Radisarlipenio

RADISAVLJEVIC, ZANA, P. Tech. (Eng.) DOP Cert. No. D00003136

Aberta Municipal Affairs



## STATUTORY DECLARATION Registration of Fittings

Single or Multiple Fitting Designs within one Fitting Category

I, <u>D</u>	an Douglass	, VP, Magnetic & Vortex Products	In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.
	(name of applicant)	(position title) (must be in a position of auth	prity)
of E	merson-Rosemount, Micro Motion	Inc	ROSEMOUNT
	(nam	e of manufacturer)	
locat	ed at 12001 Technology Dr., Ed	en Prairie, MN 55344, USA	
	(	plant address)	
do so	elemnly declare that the fittings liste	d hereunder, which are subject to the S	Safety Codes Act
(sele	ct only one)		
X	comply with the requirements of materials of construction, press	ASME B31.3 & B31.1 (title of recognized North American Standard) ure/temperature ratings and identification	which specifies the dimensions, on marking of the fittings, or
	are not covered by the provisions	s of a recognized North American stand	ard and are therefore
	manufactured to comply with		as supported by the
	(title	of code of construction or other applicable docum	ent)
	attached data which identifies the	e dimensions, materials of construction,	pressure/temperature ratings
	and the basis for such ratings, ar	nd the identification marking of the fitting	as.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified as described in the below Table as being suitable for the manufacturing of these fittings to the stated standard, regulation, code, guideline or other applicable document. The fittings covered by the declaration for which I seek registration are as provided in the Supplementary Sheet(s) attached.

## **Quality Program Verification and Manufacturing Sites**

A copy of the Quality Certificate from each manufacturing site must be included

ltem #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address
1.	Rosemount 8800 Vortex Meters	ISO 9001:2015	Design, manufacturing, testing, installation, and service	Dec 28 '22	DNV.GL	Multiple, see registration listing doc
2.						

Aberta Municipal Affairs

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In support of this application, the following information, calculations and/or test data are attached:

# 8800 CRN reg listing rev3, 08800-CRN1 Rev AB

(Signature of the Dectafer)	May 11, 2020 (Date)
DECLARED before me at Eden Prairie in the State this day of,	teof <u>Minnesota</u> (province, territory, or state) ear)
(print) <u>Aura hee Guthery</u> (a Commissioner of Oaths or Notary Public) (sign) (a Commissioner of Oaths or Notary Public) (a Commissioner of Oaths or Notary Public)	LAURA LEE GUTHERY Notary Public Minnesota My Comm. Expires Jan 31, 2021
(expiry date (mm/dd/yy)) Commissioner of Oaths / Notary Public in and for:	(province, territory, or state)
For ABSA Office Use Only: NOTES:	
To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Part 1, Clause 4.2, and is accepted for registration in Category	<sup>2020-02601</sup> ABSA
CRN:	ADJA SAFETY CODES ACT - PROVINCE OF ALBERTA ACCEPTED: 0F09623.2
Registered Date:	See acceptance letter for conditions of registration.
June 3, 2029 Expiry Date:	Date: 2020-05-27 By: Zauro Roasarlycur ZANA RADISAVLJEVIC, P. Tech. (Eng.)
Signature:(Signature of the Administrator/SCO)	This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.

The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Pressure Equipment Discipline



345 Carlingview Drive Toronto, Ontario M9W 6N9 Tel.: 416 734 3300 Fax: 416 231 1626 Toll Free: 1.877 682.8772

www.tssa.org

June 19, 2019

MARTIN KWONG EMERSON-ROSEMOUNT, MICRO MOTION INC 12001 TECHNOLOGY DR EDEN PRAIRIE MN 55344 US

 Service Request Type:
 BPV-Fitting Registration

 Service Request No.:
 2609006

 Your Reference No.:
 EMERSON-ROSEMOUNT, MICRO MOTION INC

Dear MARTIN KWONG,

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

# CRN No.:

# 0F09623.25R2

Main Design No.:

Expiry Date:

CRN Renewal R2: Vortex 8800 Flowmeter Series, size 1/2" - 12" (for the additional Plant locations - see the attachment to the Statutory Declaration Form.) 03-Jun-2029

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: <u>mvalcic@tssa.org</u>





STATUTORY DECLARATION				
Registration of Fittings				
I, Kevin Bjork - Vice President, Global Quality				
(Name and Position, e.g. President, Plant Manager, Chief En	gineer)			
of Emerson-Rosemount, Micro Motion Inc				
(Name of Manufacturer)				
Located at Multiple Plant Addresses - See supporting documentation +	1 952 828 3139			
	elephone No.) (Fax No.)			
do solemnly declare that the fittings listed hereunder, which are subject to the <b>Te</b> and Pressure Vessels Regulation, comply with all of the requirements of ASME B31.3, ASME B31.1	chnical Standards and Safety Act, Boilers			
(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 ar as supported by the attached data which ide pressure/temperature ratings and the basis for such ratings, the marking of the fitting	ntifies the dimensions, material of construction,			
I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of				
8800 Vortex Flowmeter Product Data Sheet, CRN Registration Listing (drawings, calculations, test reports, etc.)				
Declared before me at <u>Eden Trairie</u> in the <u>Hate</u> of <u>Hunnes bla</u>				
the day of AD 20 Commissioner for Oaths:				
haura hee Suthery	una nei Suffery			
Jaura Lee Jultery Kong (Signature) (Signature of Declarer)				
To the best of my knowledge and belief, the application meets the requirements of the <b>Technical Standards and Safety Act</b> , Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in <b>Pategory</b>	Technical Standards and SafetyBoilers and Pressure Vessels Safety Program			
CRN: 0F09623.25K2	REGISTERED			
Registered by: MAMULALCIC, D.ENG.	C.R.N. Mali			
Dated: JUNE 19, 1019 NOTE: This registration expires on: JUNE 3, 2029	Signed: June 19, 2019			
NOTE: This registration expires on:				

\*Information provided in this application is releasable under the Freedom of Information and Privacy Protection Act and may be disclosed upon request. PV 0944 04/02: CAN NEWAL BBOO VOMEXFLOWMETER, Size 1/2,-12, See the attachment for PLANT Locations. Walk Bree 1/19



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

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

EMERSON-ROSEMOUNT, MICRO MOTION INC 12001 TECHNOLOGY DRIVE EDEN PRAIRIE MN 55344 USA Date: July 19, 2019 Account #: 59056 Journal #: 73607

Attn: EDEN PRAIRIE

## Re: Application for Design Registration

The design, as detailed in your, DWG: 08800-CRN1, for a Fitting is accepted for registration as follows:

Registered To: EMERSON-ROSEMOUNT, MICRO CRN: 0F09623.21 MOTION INC

Drawing #:08800-CRN1

Drawing Revision: AA

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 03-Jun-2029. This CRN is valid until the expiry date as long as the Manufacturer maintains a valid quality control program verified by an acceptable third-party agency until that date. Should the certification of the quality control program lapse before the expiry date, this registration shall become void. Any additional conditions of registration stated in ABSA CRN# 0F09623.2 registration shall apply to BC registration.

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

Janina Mihailescu

janina.mihailescu@technicalsafetybc.ca Design Administration

cc:



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

### **REGISTRATION OF A PRESSURE FITTING DESIGN**

03-Jul-19

Emerson-Rosemount, Micro Motion Inc. 12001 Technology Drive Eden Prairie, MN 55344

#### Attention: Martin Kwong

File Number: 11152 [ 0 F]

 Re: Manufacturer:
 Emerson-Rosemount, Micro Motion Inc.

 Item:
 8800D Series Vortex Flowmeter

 Catalog or Drawing:
 8800D Series Vortex Flowmeter Data Sheet 00813-0100-4004 Rev KF

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

#### OF09623.23 Expiry Date: June 3, 2029

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

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

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

Yours truly,

Athan Syrgiannis, P.Eng. Codes and Standards Compliance

#### **Remarks:**

CRN registered under reciprocal agreement and conditional upon compliance with the notes on the original ABSA registration dated June 3, 2019.

CRN renewal.

See ABSA registration letter and supporting documentation for all registered locations.

# Technical Safety Authority of Saskatchevvan

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

# Statutory Declaration (Registration of Fittings)

**TSK-1008** 

I. Declaration Inform	nation	
I, Mark Fleigle		In this space, show facsimile of manufacturer's logo or trademark as it will
Vice President - Techn	nology and Product Development	appear on the fitting.
	le, e.g. vice president, plant manager, chief engineer) authority in the manufacturing plant where the fitting is produced)	ROSEMOUNT
of: Emerson-Rosemount,		
	(name of manufacturer)	
	nt addresses, see supporting documentation	
	ss – Apt/Street) (City,Prov) the fittings listed hereinunder, which are subject to the < one)	(Postal Code) Saskatchewan Boiler and Pressure
	quirements of ASME B31.3, B31.1 (title of recognized North American Standard) uction, pressure / temperature ratings and identificatio	_ which specifies the dimensions, n marking of the fittings, or
O Are not covered by	the provisions of a recognized North American stands	ard and are therefore manufactured
to comply with	Ţ	as supported by the attached
	es the dimensions, materials of construction, pressure	/ temperature ratings and the basis
for such ratings, an	d the marking of the fittings for identification.	
I further declare that the m verified by the following au	nanufacturer of these fittings is controlled by a quality uthority DNV GL	control program which has been as being suitable for the manufacturer
	ed standard. The fittings covered by this declaration,	-
8800 Vortex Flowmeters		
In support of this application	on, the following information, calculations and / or test	t data are attached:
8800 Vortex Flowmet	er Product Catalog, CRN Registration Listing	Package
	3,	
II. Declaration		
DECLARED before me at	Edentrairie In the State	of Minnesofa
this 14 day of	LAURA LEE GUTHERY 3019	
Laura Gitte	Notary Public Minnesota	l l KR
(print pame)	My comm. Expires (Sigilature)	un po
Laura Stal		
Signature of Commissioner of C	Jaths / Jacob	
III. Office Use Only		
To the best of my knowledge	and belief, the application meets the requirements of the B	oiler and Pressure Vessel Safety Act and
CSA DST, Clause 4.2, and is	accepted for registration in Category	
(Registration Number)		Y) (Expiry Date – MM DD YYYY) pector)
	Registration NoOF09623.23	
	File No 11152	
	Registered	TSK-1008
	Date: July 3, 2019	Rev. 10/2012 Page 1 of 1
	Expiry Date: June 3, 2029	-
	Codes & Standards Compliance Office	



Montréal, 26 Juillet 2019

MARTIN KWONG EMERSON-ROSEMOUNT, MICRO MOTION INC. 12001 TECHNOLOGY DRIVE EDEN PRAIRIE MN USA 55344

Fabricant : EMERSON-ROSEMOUNT, MICRO MOTION INC. 12001 TECHNOLOGY DRIVE EDEN PRAIRIE MN USA 55344

Numéro de dossier : 952422 Numéro(s) de dessin (s) : SCOPE OF REGISTRATION - ROSEMONT 8800 VORTEX FLOWMETER MODELS

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

Monsieur,

La Régie du bâtiment du Québec (RBQ) vous informe que votre demande d'enregistrements de plans et devis a été traitée et que cette conception a été enregistrée sous le numéro d'enregistrement canadien (NEC\CRN) : **0F09623.26** 

Nous portons à votre attention cette exigence applicable à la règlementation sur les appareils sous pression et des codes et normes qui y sont associés :

 Le constructeur doit maintenir un système de contrôle de la qualité valide pour fabriquer selon ce NEC.

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

Salutations distinguées,

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



Montréal, 26 July 2019

MARTIN KWONG EMERSON-ROSEMOUNT, MICRO MOTION INC. 12001 TECHNOLOGY DRIVE EDEN PRAIRIE MN USA 55344

Manufacturer : EMERSON-ROSEMOUNT, MICRO MOTION INC. 12001 TECHNOLOGY DRIVE EDEN PRAIRIE MN USA 55344

Our reference : 952422 Design number : SCOPE OF REGISTRATION - ROSEMONT 8800 VORTEX FLOWMETER MODELS

#### Subject: Registration of designs – Confirmation of approval

Dear Sir,

The Régie du bâtiment du Québec (RBQ) informs you that your application for the registration of designs has been evaluated and that the design was registered under the Canadian Registration Number (CRN\NEC) : **0F09623.26** 

We bring your attention this requirement of the regulation respecting pressure vessels, and the codes and standards adopted:

 The manufacturer must maintain a valid quality control program to produce according to the CRN.

This notice of approval does not relieve the constructor of his responsibilities with respect to the design or construction of equipment manufactured according to this CRN.

Yours sincerely,

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



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

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

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

# 1. Fittings to register

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

Nº	Description	Additional information (detail, calculations or approval sheets)
1	8800 Vortex Flowmeter	8800 Vortex Flowmeter Catalog, CRN Registration Package
2		
3		
4		
5		

# 2. Declaration of the person in charge

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

2.1 Design				
I, the undersigned	Mark Fleigle	VP - Technology & Product Development		
	(Name of the person in charge)	(Title of the person in charge)		
from Enerson-R	Smant, MiroMotion Inc., located at	Multiple locations, see supporting documentation		
	ompany's name)	(Plant's address)		
hereby declare th	at the above-mentioned fittings and subj	ect to the Regulation respecting pressure installations:		
comply with the or	ne requirements of the ANSI/ASME code	s as to their dimensions, identification, material and purpose		
are not covere	ed by the ANSI/ASME codes, but are in o	compliance with		
		(Name of code or standard)		
code or standard	and are designed according to the best	current engineering practice, as proven by the enclosed approval report.		
2.2 Manufacturing quality control				
I further declare that the manufacture of these fittings is controlled by a quality control program that complies with the requirements of the				
following code:	ISO 9001 , and has been v			
	(Name of code)	(Authorized agency)		
Signature of the p	Signature of the person in charge: Date (yyyy-mm-dd): 2019-06-14			

# 3. Declaration of commissioner for oaths

I certify that this declaration has been administered before me, at	rie, on <u>2019-06-14</u> . ation) (Date (yyyy-mm <sub>f</sub> dd)):
	allony (Date (yyyy-min-ad)).
Signature of commissioner for oaths:	Date (yyyy-mm-dd): 2019-06-44
Stamp the seal:	/
,	
LAURA LEE GUTHERY Notary Public Minnesota My comm. Expires dan 31, 2021	

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

As far as I know, this application complies with the requirements of the Act and with standard CSA B51, Part 1, section 4.2, and is accepted for registration in the class

This registration expires in ten (10) years after the date of registration indicated above, and it must be validated again after this period.

Canadian registration number (CRN):

OF09623.26

Registration date (yyyy-mm-dd):

JUL 2 4 2019

#### **Documents to attach**

Any application registration for fittings must include these documents:

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

#### Sending the form

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

Application registration for fittings must only be sent by mail to this address: Bureau d'expertise et d'homologation en équipements sous pression Régie du bâtiment du Québec 545, boulevard Crémazie Est, 7<sup>e</sup> étage Montréal (Québec) H2M 2V2



6/24/2019

Micro Motion Inc. 12001 Technology Dr Eden Prarie, MN 55344 USA

# Dear Martin Kwong Re: Reciprocal CRN Registration in Manitoba

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

File Number:74-R3CRN:0F09623.24Scope:Product Data Sheet 2018, 00813-0100-4004, Rev KFManufacturer:Emerson Rosemount

Please find attached invoice for registration.

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

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

Please contact me directly via email at <u>Cheryl.Lashek@gov.mb.ca</u> for any questions or concerns.

Cheryl Lashek, P.Eng Director, ITSM Inspection and Technical Services Office of the Fire Commissioner 508 - 401 York Avenue, Winnipeg Manitoba R3C 0P8 T (204) 945-3507 | F (204) 948-2309

New Brunswick Nunavut	Nova Scotla Yukon	Prince Edward Island Northwest Territories	Newfoundland and Labrador
	16: Emerson - Rosemount, Micro Moti		
Manufacturers Add	ress: 12001 Technology Drive, Eden	Prairie MN 65344	
Plant Locations: Mult	ple plant addresses, see supporting do	cumentation	the second s
A Pipe fittings, Including B Flanges: all flanges	of Fittings to be registered couplings, tees, elbows, Ys, plu	L. Circle one Category only gs, unions, pipe caps, or reducers	Title of the Standard of Construction
C Valves: all line valves D Expansion joints, flexi E Strainers, filters, sepa	ble connections, and hose assen	nblies: ell types	ASME B31.3, B31.1
F Measuring devices, in transmitters	cluding pressure gauges, level g	auges, sight glasses, levels, or pressure	
bollers, pressure vess	d pressure relief devices accepta els, piping and fusible plugs inponents that do not fall into one	ble as primary over pressure protection on of the above categories	
N Nuclear components:	Class 1 Class 2 Class 3	. (Meeting CNSC or ASME requirement	(a)
Show Manufacturers	Name, Trademark, or Lopo	as it will appear on the product	Type of Construction
ROSE	MOUNT	•	Forged & Welded & Wrought D Gast & Other D Describe other:
list of supporting do	cumentation and identificat	ion of the actual items to be registe	
knowledge represents ings, and identification ngs is regulated by a C ified by DNV GL	the product for which registi markings are in accordance Quality Control Program which as being	ation is sought. The dimensions, mat with the herein named standards. I fu bedgends to each plant where fabricat	and being the person having full authority contained in this form is true to the best of erials of construction, pressure temperatur or declare that the manufacture of these ion occurs in whole or in part and has been this solemn declaration conscientiously ath.
nature of Declarer:	Mal Figh	·	LAURA LEE GUTHERY
clared before me at <u>4</u> day o(	June AD 21		Notary Public
nmissioner of Oaths Notary Public: (sign)		attery that	ta the Craptory
	(Affix Official seal to the right) This s	pace for Regulatory Authority use.	U Y
0000100	This registration must be rev	alidated after ten (10) years from the date	
N: 0F09623.	Z ADD2		EPTED NCE EDWARD ISLAND
)#: <u>15812</u>	-		AND & ENVIRONMENT
	ed in the name of the Manufacturer.	C.R.N. OFC	9623-29 ADD2
	ported with two Statutory Declaratio		yot 2 2019
The Declaration shall be m responsibility for the quality	ade by the person having full authori of the end product.	ly and	P. MCGL
	half be resubmitted for validation.		ERVICES SECTION IRE VESSEL BRANCH- Fittings Rev.2
11/2016	Suco nono Dib.	DOIDERS I RESOU	THE PERSON NUMBER OF THE AND THE ADDRESS
N EARINES	JUNE3, 2029-DID.		

UNIFOR	M STATUTORY DECL	ARATION FORM FOR THE REGISTRA	TION OF FITTING DESIGNS
New Brunswick Nunavut	Nova Scotia Yukon		Newfoundland and Labrador
Manufacturers Na	Me: Emerson - Rosemount, Micro	Motion Inc	
Manufacturers Ad	dress: 12001 Technology Drive, I	Eden Prairie MN 55344	
Plant Locations: ML	ultiple plant addresses, see supporti	ng documentation	
A Pipe fittings, includir B Flanges: all flanges	ry of Fittings to be register ng couplings, tees, elbows, Ys	ered. Circle one Category only , plugs, unions, pipe caps, or reducers	<u>Title of the Standard of</u> <u>Construction</u>
<ul> <li>C Valves: all line valve</li> <li>D Expansion joints, file</li> <li>E Strainers, filters, sep</li> <li>F Measuring devices, it transmitters</li> <li>G Certified capacity-rate boilers, pressure ves</li> <li>H Pressure retaining cardional sectors</li> </ul>	xible connections, and hose a parators, and steam traps including pressure gauges, lev ed pressure relief devices acc sels, piping and fusible plugs omponents that do not fall into	vel gauges, sight glasses, levels, or pressure eptable as primary over pressure protection on o one of the above categories ss 3 □, (Meeting CNSC or ASME requirements)	ASME B31.3, B31.1
Show Manufacturer	s Name, Trademark, or L	ogo as it will appear on the product	Type of Construction       Forged     Welded     Wrought       Cast     Other     Describe other:
List of supporting d	ocumentation and identif	fication of the actual items to be register	ed:
		alog, CRN Registration Listing Pa	

#### Declaration:

Mark Fleigle, VP - Technology & Product Development (see note 3) employed by Emerson-Rosemount, Micro Motion Inc. 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 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 as being suitable for that purpose and I make this solemn declaration conscientiously verified by DNV GL believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer:	Jacassesses	
Declared before me at den France	Notary Public	
This 14 day of June AD 2019	Section and Amine solaring Soc	
Commissioner of Oaths	New Zenarden	
	CALL AND	
Or Notary Public: (sign)		
(Affix Official seal to the right)	DEPT OF JUSTICE PUBLIC SAFET	
	Authority use.	
This space for Regulatory	Authority use.	
This registration must be revalidated after ten (1	b) years from the date of acceptance	
CRN: 0F09623.2 ADD2	REGISTRATION ONLY	
CAN. 0109023.2 ADD2	AFA9/ 72 771 112	
15010	CRN UTU 1600, 274015	
FID#: <u>15812</u>		
Notes:	$\Omega$	
	Ke (Build	
<ol> <li>All Fittings shall be registered in the name of the Manufacturer.</li> </ol>	Un alan	
2. Each Category shall be supported with two Statutory Declaration forms	CHIEF BOILER INSPECTOR	
and one copy of supporting documentation.	0101010	1
	DATE X / d / d A / 9	
3. The Declaration shall be made by the person having full authority and	DATE	
responsibility for the quality of the end product.		
<ol><li>Quality Control programs shall be resubmitted for validation.</li></ol>		
	BLRS PV: Sect 1.0 - Fittings Rev.2	
11/2016	LIVE, Sect 1.0 - Fittings Rev.2	
CRN EXPIRES JUNES, 2029-D.6.	PETTINGS INUCLEAR COMPONENTS	

4

New Brunswick	Nova Scotia	Prince Edward Island	Newfoundland and Labrador
Nunavut	Yukon	Northwest Territories	Herroundiand and Labrador

Manufacturers Address: 12001 Technology Drive, Eden Prairie MN 55344	
Plant Locations: Multiple plant addresses, see supporting documentation	
Category of Fittings to be registered. Circle one Category only A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers 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 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 of boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories	<u>Title of the Standard of</u> <u>Construction</u> ASME B31.3, B31.1
N Nuclear components: Class 1 Class 2 Class 3 , (Meeting CNSC or ASME requireme	nts)
Show Manufacturers Name, Trademark, or Logo as it will appear on the product ROSEMOUNT	Type of Construction       Forged     Welded     Wrought       Cast     Other     Describe other:
List of supporting documentation and identification of the actual items to be regis	tered:
Declaration: Mark Fleigle, VP - Technology & Product Development (see note 3) employed by Emerson-Rosemount, Micro Motion Inc. Ind responsibility for the quality of the end product do solemnly declare that the information hy knowledge represents the product for which registration is sought. The dimensions, ma atings, and identification markings are in accordance with the herein named standards.	aterials of construction, pressure temperature
Mark Fleigle, VP - Technology & Product Development (see note 3) employed by Emerson-Rosemount, Micro Motion Inc.	In contained in this form is true to the best of aterials of construction, pressure temperature further declare that the manufacture of these ation occurs in whole or in part and has been this solemp declaration construction
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11/2016		
11/2018 CRN EXPIRES	JUNE3	2029-0,6.

Nunavut	Yukon	Prince Edward Island Northwest Territories	Newfoundland and Labrador
Manufacturers Nar	Me: Emerson - Rosemount, Micro	Metion Inc	
Manufacturers Add	Tess: 12001 Technology Drive, E	Eden Prairie MN 55344	
Plant Locations: Mu	tuple plant addresses, see supportin	ng documentation	
Categor	y of Fittings to be registe	ered. Circle one Category only	Title of the Standard of
B Flanges: all flanges	g couplings, tees, elbows, Ys,	, plugs, unions, pipe caps, or reducers	Construction
C Valves: all line valves			
D Expansion joints, flex	dble connections, and hose as	ssemblies: all types	ASME B31.3, B31.1
E Strainers, tilters, sepa	arators, and steam trans		
transmitters	iciuulity pressure gauges, iev	el gauges, sight glasses, levels, or pressur	re
G Certified capacity-rate	d pressure relief devices acce	eptable as primary over pressure protection	non
Dollers, plessure vess	els. DiDing and fusible plugs	one of the above categories	
N Nuclear components: Show Manufacturer	Class 1 Class 2 Class	ss 3 D , (Meeting CNSC or ASME requirer	ments)
SHOW MANUACTURES	Name, Irademark, or Lo	ogo as it will appear on the product	
			Forged Welded Wrought
	-MOUN		Cast Other Describe other:
LEARE	ILLAALL		
lat af anna anti-			
		ication of the actual items to be req	
suu vonex Flow	meter Product Cata	alog, CRN Registration Listin	g Package
an Fleigie, VP - Technology & Pro	duci Development (see note 3) emp quality of the end product	ployed by <u>Emerson-Rosemount</u> , Micro Motion II do solemnly declare that the informat	nc. and being the person having full authority
In Fleigle, VP - Technology J Pro I responsibility for the knowledge represents ngs, and identification ngs is regulated by a ( fied by <u>onv gu</u> eving it to be true, and	s the product for which reg markings are in accordan Quality Control Program w as be	gistration is sought. The dimensions, ice with the herein named standards.	materials of construction, pressure temperature I further declare that the manufacture of these rication occurs in whole or in part and has been also the solorand
arc Fleigle, VP - Technology J Pro d responsibility for the knowledge represents ngs, and identification ngs is regulated by a ( fied by <u>ONV GL</u> eving it to be true, and hature of Declarer:	s the product for which reg markings are in accordan Quality Control Program w as be	gistration is sought. The dimensions, ice with the herein named standards. which extends to each plant where fabrication of the standard imposed in the standard imposed imposed in the standard impos	and contained in this form is true to the best of materials of construction, pressure temperatu I further declare that the manufacture of thes rication occurs in whole or in part and has been ake this solemn declaration conscientiously er oath.
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AR Fleigle, VP - Technology J Pro I responsibility for the knowledge represents ngs, and identification ngs is regulated by a ( fied by DNV GL eving it to be true, and hature of Declarer: lared before me at day o( amissioner of Oaths ( lotary Public: (sign)) N: <u>OF09623.</u> #: <u>15812</u> s: All Fittings shall be registe Each Category shall be su and one copy of supporting The Declaration shall be m responsibility for the quality	s the product for which reg markings are in accordan Quality Control Program w as be demoving that it is of the s demoving the second temp of the person having full entry of the end product.	pistration is sought. The dimensions, noce with the herein named standards. which extends to each plant where fabriend suitable for that purpose and I masame force and effect as if made under a same force and effect as if made under a construction of the second standard second standards. The space for Regulatory Authority use. The revalideted after ten (10) years from the second second secon	LAURA LEE GUTHERY Notary Public Minnesole God Minnesole God Minnesole Minnesole God Minnesole God Minnesole God Minnesole God Minnesole God Minnesole Minnesole God Minnesole God Minnesole Minnesole Godd Minnesole Godd Minnesole Minnesole Minnesole Minnesole Minnesole Minnesole Minnesole Minnesole Minnesole Mi
knowledge represents ngs, and identification ngs is regulated by a G ified by <u>DNV GL</u> eving it to be true, and nature of Declarer: dared before me at day of imissioner of Oaths ( N: <u>OF09623</u> . W: <u>15812</u> as: All Fittings shall be registe Each Category shall be su and one copy of supporting The Declaration shall be me responsibility for the quality	s the product for which reg markings are in accordan Quality Control Program w as be demoving that it is of the s demoving the set of the set of the Manufacture ported with two Statutory Declar a documentation.	pistration is sought. The dimensions, noce with the herein named standards. which extends to each plant where fabriend suitable for that purpose and I masame force and effect as if made under a concern and effect as if mad	AURA LEE GUTHERY Notary Public Monesol Mewfoundland Labrador Service NL Registered DFC 9/023, 20 ADD.2 Date 19/08/02 UNDER THE AUTHORITY OF THE
arc Fleigle, VP - Technology J Pro d responsibility for the knowledge represents ngs, and identification ngs is regulated by a ( fied by <u>DNV GL</u> eving it to be true, and nature of Declarer: dared before me at day o( inmissioner of Oaths ( lotary Public: (sign)) N: <u>OF09623</u> . M: <u>15812</u> hs: All Fittings shall be registe Each Category shall be su and one copy of supporting The Declaration shall be m	s the product for which reg markings are in accordan Quality Control Program w as be demoving that it is of the s demoving the second temp of the person having full entry of the end product.	pistration is sought. The dimensions, noce with the herein named standards. which extends to each plant where fabriend suitable for that purpose and I massame force and effect as if made under additional and effect as if made under additional additional addited additionaddit	LAURA LEE GUTHERY Notary Public Moneson Mones

# UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF

Nunavut	Nova Scotia Yukon	Prince Edward Island Northwest Territories	Newfoundland and Labrador
Manufacturers Nam	10: Emerson - Rosempunt, Micro	Mation Inc	
Manufacturers Add	ESS: 12001 Technology Drive, E	den Preirie MN 65344	e data e e e
Plant Locations: Mult	ple plant addresses, see supportin	10 documentation	· · · · · · · · · · · · · · · · · · ·
B Flanges: all flanges C Valves: all line valves D Expansion joints, flexil E Strainers, filters, separ F Measuring devices, inc	couplings, lees, elbows, Ys,	ered. Circle one Category only plugs, unions, pipe caps, or reducers ssemblies: all types el gauges, sight glasses, levels, or pressure	<u>Title of the Standard of</u> <u>Construction</u> ASME B31.3, B31.1
G Certified capacity-rated boilers, pressure vesse H Pressure retaining com Nuclear components:	pressure relief devices acce is, piping and fusible plugs sponenis that do not fail into Class 1   Class 2   Class	eptable as primary over pressure protection one of the above categories	on
Show Manufacturers	Name, Trademark, or Lo	ogo as it will appear on the product	
ROSE	MOUN		Type of Construction Forged B Welded B Wrought D Cast B Other D Describe other:
800 Vortex Flowr	neter Product Cata	log, CRN Registration Listing	) Package
claration:	ct Development (see note 3) 6M (	layed by Emerson-Rosemount, Micro Motion (ng	and being the person having full authority on contained in this form is true to the best of

pur ne opp Or Notary Public: (sign) Anthe Nee Kullery (Affix Official seal to the right) This space for Regulatory Authority use. This registration must be revaildated after ten (10) years from the date of acceptance. OF09623.2 ADD2 CRN: & PRESSURF 15812 FID#: NOVA Notes: 1. All Fittings shall be registered in the name of the Manufacturer. Date Aug. 2. Each Category shall be supported with two Statutory Declaration forma C.R.N. OFO9623 . 28ADD2 and one copy of supporting documentation. Dwg. as descri The Declaration shall be made by the person having full authority and 3. responsibility for the quality of the end product. Signed vonre Per 4. Quality Control programs shell be resubmitted for validation. 1 of 1 Sect 1.0 - Fittings Rev.2 11/2016 Part CT & REGULATIO

CRN EXPIRES JUNES, 2029-D.6.

New Brunswick	Nova Scotia
Nunavut	Yukon

Prince Edward Island Northwest Territories

Newfoundland and Labrador

Manufacturers Name: Emerson - Rosemount, Micro Motion Inc	and the second
Manufacturers Address: 12001 Technology Drive, Eden Prairie MN 55344	
Plant Locations: Multiple plant addresses, see supporting documentation	
Category of Fittings to be registered. Circle one Category only A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges	Title of the Standard of Construction
C Valves: all fine valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps	ASME B31.3, B31.1
<ul> <li>F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</li> <li>G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection botters, pressure vessels, piping and fusible plugs</li> </ul>	E Contraction of the second se
H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 Class 2 Class 3 C , (Meeting CNSC or ASME requirements)	
Show Manufacturers Name, Trademark, or Logo as it will appear on the product	And a
ROSEMOUNT	Type of Construction Forged & Welded & Wrought Cast & Other p Describe other:
let of supporting documentation and identification of the actual items to be regis 800 Vortex Flowmeter Product Catalog, CRN Registration Listing	
tert Fieigle, VP - Technology & Product Development (see note 3) employed by Emerson-Rosemount, Micro Motion Inc. d responsibility for the quality of the end product do solemnly declare that the information knowledge represents the product for which registration is sought. The dimensions, m	aterials of construction, pressure tempera
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New Brunswick	Nova Scotia	Prince Edwa	rd Island	Noute
Nunavut	Yukon	Northwest Te		Newfoundland and Labrador
Manufacturers Add	NC: Emerson - Rosemount, Micro Mot ICSS: 12001 Technology Drive, Eden iple plant addresses, see supporting do	Preirie MN 55344		
Category	of Fittings to be registered couplings, tees, elbows. Ys, plu	d Cinela ana Cal	bs, or reducers	Title of the Standard of Construction
D Expansion joints, flexi E Strainers, filters, sepa	ble connections, and hose asser rators, and steam traps			ASME B31.3, B31.1
G Certified capacity-rated boilers, pressure vesse	cluding pressure gauges, level g I pressure relief devices accepta ets, piping and fusible plugs aponents that do not fall into one	ble as primary over	pressure protection on	
N Nuclear components:	Class 1 [] Class 2 [] Class 3	C (Meeting CNS)	O A PME LOUGH	el
Show manufacturers	Name, Trademark, or Logo	as it will appear	on the product	Forged A Welded Wrought
	MOUNT			Describe other:
List of supporting doc	umentation and identificat	tion of the actual	items to be registe	red:
oou vullex Flow	meter Product Catalog	g, CRN Regis	tration Listing F	ackage
Declaration:	si Development		mount Mirro Maline In-	
ratings, and identification r fittings is regulated by a Q verified by DNY GL	the product for which registra narkings are in accordance v uality Control Program which	ation is sought T with the herein na extends to each suitable for that a	he dimensions, mate med standards. I fur plant where fabricati	nd being the person having full authonty contained in this form is true to the best of arials of construction, pressure temperature ther declare that the manufacture of these on occurs in whole or in part and has been his solemn declaration conscientiously
Signature of Declarer.	Mal F.S.		Jane -	and the second s
Declared by fore me at Ca This 14 day o	fine AD AL	249		LAURA LEE GUTHERY Notary Public
Commissioner of Oaths	Eaura hee De	atter	Freier	MAN 31 (27)
,	(Affix Official seal to the rig(1)	pace for Regulatory	All Dorth	NUNAVUT
CRN: 0F09623.2	This registration must be reva	alidated after ten (1	) years boulde date on NUNAVUL	Boilers and
FID#. 15812	AUDZ			r ressure vessels Act
Notes:				GISTERED
	d in the name of the Manufacturer		CRN 0-09	623.2NADD2
2 Each Category shall be supp and one copy of supporting d	orted with two Statutory Declaration ocumentation	forms	Date Aug	2,2019
responsibility for the quality o		y and	Signed	Allhey his
4 Quality Control programs sha	Il be resubmitted for validation		C	hief Inspector
11/2016	() NL		Territorio	Pogiotration F
RN EXPIRES 3	UNES, 2017-010	L		Registration Fee

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