

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

www.tssa.org

November 19, 2021

MICRO MOTION INC 7070 WINCHESTER CIRCLE BOULDER CO 80301

Workorder Type: Registration - Fitting(Conventional)

Workorder No: 8042782

Your Reference No.: Reciprocal of 0F7311.1

Registered to: 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: 0F7311.15

Main Design No.: Scope of registration, Rosemount 8705/8707/8750W/MS/8711 Magnetic Flow Meter CRN

Registration Listing Rev 0, Product catalog and Design details

Expiry Date: Jul 09, 2031

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

Note: Design registration completed under interprovincial agreement with jurisdictional check only..

The stamped copy of the approved registration and the invoice are mailed separately (There will be no hard copies for electronic submissions). 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,

Ruiming You Engineer, BPV

Tel.: +1 416-734-3428 Email:ryou@tssa.org



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

ROSEMOUN'

		RY DECLARATIO)N			
I. Kevin Bjork	VP Global Quality	5				
',	(Name and Position, e.g. Presi	ident, Plant Manager, Chief Engineer)				
of Emerson-Rosemount,	Micro Motion Inc					
of		of Manufacturer)				
		in Manufacturery				
Located at See attachn						
	(Plant Address)	(Telephone I	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					
which specifies the di	(Title of recognized N mensions, materials of construction, pre	lorth American Standard) ssure/temperature ratings, identifica	ation marking the fittings and service;			
ASME B31.3-2018	by the provisions of a recognized Nor as supported by the re ratings and the basis for such rating	ne attached data which identifies th	e dimensions, material of construction,			
	anufacture of these fittings is controlle has been verified by the following authori		e requirements of ISO 9001:2015			
	claration, for which I seek registration, are		type fittings. In support of			
this application, the following	information and/or test data are attached	l as follows:				
Model 8705, 8707, 8750\	N, MS and 8711 magnetic Flowmet	ers Scope of registration				
	(drawings, calcul	lations, test reports, etc.)				
Declared before me at _	Eden Prairie	in theState	_{of} Minnesota			
the15 Commissioner for Oaths	lay of March AD 20_2′	Minr My Commis	L WILSON y Public nesota ssion Expires			
		Jan 3	1, 2025			
HAZEL WILL		/				
)] \ (Printed)	name)	1/ 1/6	3 ~L			
		K				
(Signati	ure)	(8)	ignature of Declarer)			
	FOR OFF	ICE USE ONLY				
To the best of my knowledg	e and belief, the application meets the	requirements of the	Technical Boilers and			
Technical Standards and	Safety Act, Boilers and Pressure Vess	sels Regulation, and	Technical Boilers and Standards Pressure Vessels			
CSA Standard B51 and is a	accepted for registration in Category	.	and Safety Safety Program Authority			
CRN:			REGISTERED			
Registered by:			C.R.N.: 0F7311.15			
Trogistered by.			Signed: Ruzu 4			
Dated:			Date: November 19, 2021.			
NOTE: This registration	n expires on: July 09, 203	31	<u>/</u>			

Semagistration letter the application and Privacy Protestiam bet ared 202 be disclosed upon request. **TSSA**



Rosemount 8705/8707/8750W/MS/8711 Magnetic Flow Meter CRN Registration Listing

SCOPE: This document defines the CRN scope of registration for Rosemount 8705/8707/8750W/MS/8711 Magnetic Flowmeter models under a Category F fitting.

Code of Construction: ASME B31.3-2018, Process Piping

1 Revision History

Revision	Description	Date
0	Initial Release	June 22, 2021



2 Scope of Registration

THIS IS PART OF CRN
0F7311.15

Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety
Program

Model	Electrode Assembly Design	NPS	Pipe Material	Flange Material	Max B16.5 Pressure Class (Matl Grp) [1][2]
8705	Backseated	0.5 to 36	A312/A358	A182	300# (2.2)
8707	(Outside-Seal		TP316/TP316L	F316/F316L	
8750W	Electrode		A312/A358	A182	300# (2.1)
MS	Assembly)		TP304/304L	F304/F304L	
			A312/A358	A105	300# (1.1)
			TP304/TP304L		

Model	Electrode Assembly Design	NPS	Pipe Material	Flange Material	Max Pressure
8705	Standard	0.5 to 36	A312/A358	A182	1000 psi
8707			TP316/TP316L	F316/F316L	1000 psi
8750W			A312/A358	A182	1000 psi
MS			TP304/304L	F304/F304L	1000 psi
			A312/A358	A105	1000 psi
			TP304/TP304L		1000 psi

Model	Electrode Assembly Design	NPS	Pipe Material	Max B16.5 Pressure Class (Matl Grp) [1][2]
8711 [3]	Standard	0.15 to 8	A351 CF8M/CF3M A312 TP316/316L A582 Gr 303	300# (2.2)

- [1] Pressure ratings below the maximum are inclusive in scope
- [2] Recognized flange standards per ASME B31.3 Table 302 having determined to be "listed components having established ratings" are inclusive in scope
- [3] 8711 is a wafer (flangeless) sensor design. Therefore, it only consists of electrode assembly and pipe material.



3 Authorized Manufacturing Sites

THIS IS PART OF CRN
0F7311.15
Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety

The following is a list of sites where Emerson manufactures all Rosemount branded magnetic and vortex flowmeters. All facilities listed are owned and under direct control by Emerson.

Name	Address	QA Program	Certified by
Micro Motion, Inc.	7070 Winchester Circle, Boulder, CO 80301,	ISO 9001:2015	DNV GL
Headquarters	USA		
Flow Technologies Co., Ltd. Asia Flow	111 Xing Min South Road, Jiangning District, Nanjing, Nanjing, China	ISO 9001:2015	DNV GL
Technology Center			
F-R Tecnologias de Flujo	Avenida Miguel de Cervantes #111,	ISO 9001:2015	DNV GL
S.A. de C.V.	Complejo Industrial Chihuahua, Chihuahua,		
	Mexico 31136		
Emerson Process	Neonstraat 1, 6718 WX Ede, The	ISO 9001:2015	DNV GL
Management Flow B.V.	Netherlands		
Emerson SRL	Str. Emerson, nr. 4, Parcul Industrial	ISO 9001:2015	DNV GL
Cluj Flow Technology	Tetarom 2, 400641, Cluj-Napoca, Romania		

Manufacturer's logo/trademark as it will appear on the fitting:





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

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

TITAN RESEARCH GROUP 200-1920 YONGE STREET TORONTO ON M4S 3E6 CANADA Date: July 9, 2021 Account #: 60267 Journal #: 78359

Attn:

Re: Application for Design Registration

The design, as detailed in your, Magnetic Flow Meters 8705 & 8707, 8711, , for a Fitting is accepted for registration as follows:

Registered To: EMERSON AUTOMATION CRN: 0F7311.1

SOLUTIONS FLOW MEASUREMENT

Drawing #: Scope of Registration **Drawing Revision:** 0(as noted)

Conditions Of Registration:

- 1). Scope of registration; Rosemount 8705/8707/8750W/MS/8711 Magnetic Flow Meter CRN Registration Listing, REV. 0
- 2). Fitting Registration Expiry Date; July 09, 2031.
- 3). The 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.

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

ALIREZA BONAKDAR, P.ENG. (778) 396-2032 Alireza.Bonakdar@technicalsafetybc.ca Design Administration

cc:

(PROD) 30400-20 GST #: 87391 2802 RT0001

New Brunswick Nunavut	Nova Scotia Yukon	Prince Edward Isla Northwest Territor	2000000	ewfoundland and	Labrador
Manufactures No.					*****
	16: Emerson-Rosemount, Micro N I'655: Ses attachment list of plant				
	attachment list of plant advesses	40148962			
A Pipe fittings, including B Flanges: all flanges C Valves: all flanges C Valves: all line valves: D Expansion joints, flex E Strainers, filters, sept fransmitters G Certified capacity-rate boilers, pressure vest H Pressure retaining con N Nuclear components: Show Manufacturers List of supporting descriptions.	g couplings, tees, elbows, Ys, and hose as a rators, and steam traps including pressure gauges, level of pressure relief devices access, piping and fusible plugs imponents that do not fall into it. Class 1	rel gauges, sight glasses, level septable as primary over pressone one of the above categories as 3 . (Meeting CNSC or Appear on as it will appear on	reducers els, or pressure sure protection on SME requirements) the product	ASME B31. Forged	Construction Idea o Wrought o
my knowledge represer ratings, and identification fittings is regulated by a verified by onvoc. believing it to be true, a	e quality of the end product that the product for which re on markings are in accorde a Quality Control Program as I and knowing that it is of the	nployed by Emerson-Rosemon ct do solemnly declare that egistration is sought. The ance with the herein name which extends to each plate being suitable for that punt a same force and effect as	t the information or dimensions, mater d standards. I furth int where fabrications and I make thi	ontained in this for ials of construction her declare that the noccurs in whole is solemn declara-	m is true to the best of n, pressure temperature e manufacture of these or in part and has been
Signature of Declarer:		WW 171-17-18-18-18-18-18-18-18-18-18-18-18-18-18-			
Declared before me at	Eden Prairie, MN	ASSESSMENT AND ASSESSMENT			
This 15 day of Commissioner of Oaths Or Notary Public: (sign)	1800	2021 right)	HAZEI Nota Mi My Comm	L L WILSON bry Public nnesota hission Expires 31, 2025	cial Seal
All Fittings shall be regil Each Category shall be and one copy of suppor The Declaration shall b responsibility for the qu Quality Control program	707, 8750W, MS - to C 1/2" to 36"; Model 871 storad in the name of the Menuta supported with two Statutory De	11 - to Cl.300 - icturer 15" to 8" claration forms	Nunavut CRN OF Date Ata Signed	Pressui REGISTEF 7311.1 0 13. 20 Chief Inspec	RED 221 ±1.0 - Fittings Rev.2
		æ	Territor	rial Registr	ration Fee

New Brunswick	Nova Scotia	Prince Edward Island	Newfoundland and Labrador
Nunavut	Yukon	Northwest Territories	
Manufacturers Nar	ne: Emerson-Rosemount, Micro M	fotion Inc	
Manufacturers Add	ress; See attachment list of plant		
Plant Locations: See	attachment list of plant adresses		
A Pipe fittings, includin B Flanges: all flanges	y of Fittings to be registed goodplings, tees, elbows, Ys,	red. Circle one Category only plugs, unions, pipe caps, or reducers	Title of the Standard of Construction
C Valves: all line valve		5.10 July 2010 10 March	ASME B31.3
E Strainers, filters, sep	xible connections, and hose as arators, and steam traps	ed ext. Lander to the extra confidence of the co	
F Measuring devices, i transmitters	ncluding pressure gauges, lev	el gauges, sight glasses, levels, or pre	essure
G Certified capacity-rate	ed pressure relief devices acc	eptable as primary over pressure prote	ection on
H Pressure retaining co	sels, piping and fusible plugs emponents that do not fall into	one of the above categories	
N Nuclear components	: Class 1 Class 2 Cla	ss 3 🗆 , (Meeting CNSC or ASME red	uirements)
Show Manufacturer	s Name, Trademark, or L	ogo as it will appear on the pro	
		Sills, 100 III siles, etc. processor	Cast D Other D
	OSEM	JUNT	Describe other:
1877. 183			
List of supporting d	ocumentation and identi	fication of the actual items to be	e registered:
Model 8705, 870	07, 8750W, MS and	8711 magnetic Flowmete	rs Scope of registration
			223
Declaration:		Emarger Pasamount Mare	Mallon Inc
and responsibility for the	(see note 3) en	or do solemnly declare that the inf	Motion Inc. and being the person having full authority ormation contained in this form is true to the best of
my knowledge represe	ents the product for which re	egistration is sought. The dimens	ions, materials of construction, pressure temperature
ratings, and identificati fittings is regulated by	on markings are in accorda a Quality Control Program	ance with the herein named stand	ards. I further declare that the manufacture of these e fabrication occurs in whole or in part and has been
verified by DNV GL	as	being suitable for that purpose an	d 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:	Kund Bol		
Declared before me at	Eden Prairie, MN		
This 15 day		2021	Lisa this enace for the Official Seal
Commissioner of Oath	s /	Samuel Samuel	HAZEL L WILSON Notary Public
Or Notary Public: (sign	110	To the state of th	Minnesota
	(Affix Official seal to the	right)	/ My Commission Expires Jan 31, 2025
		This space for Regulatory Authority u	ise.
057244.4	This registration must	be revalidated after ten (10) years fro	m the date of acceptance.
CRN: 0F7311.1			SMEN! OF
FID#: 16117			(88-7-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
Model 8705 8	707, 8750W, MS - to C	I.300 & 1000psi	(3)
max pressure All Fittings shall be re	- 1/2" to 36"; Model 87 gistered in the name of the Manuf	11 - to Cl.300 -	(C) BY
Each Category shall b	be supported with two Statutory De	eclaration forms	10/2
and one copy of supp 3. The Declaration shall	orung documentation. be made by the person having full	authority and	CRN0F7311.1Y
responsibility for the q	uality of the end product.		DATE 08/13/2021
	ms shall be resubmitted for valida	tion.	Sect 1.0 Fittings Rev.2
11/2016	luly 9th, 2031 - DG		

New Brunswick

Nova Scotia

New Brunswick Nunavut	Nova Scotia Yukon	Prince Edward Island Northwest Territories	Newfoundland and Labrador
Manufacturers Nan	ne: Emerson-Rosemount, Micro	Motion Inc	
Manufacturers Add	ress; See attachment list of plant	adresses	
	attachment list of plant adresses		
B Flanges: all flanges	g couplings, tees, elbows, Ys	ered. Circle one Category only s, plugs, unions, pipe caps, or reducers	Title of the Standard of Construction
C Valves: all line valves D Expansion joints, flex E Strainers, filters, sens	s rible connections, and hose a arators, and steam traps	assemblies: all types	ASME B31.3
(F) Measuring devices. In transmitters	ncluding pressure gauges, le	vel gauges, sight glasses, levels, or pressure	
pollers, pressure vess	sels, piping and fusible plugs	ceptable as primary over pressure protection of one of the above categories	on .
N Nuclear components:	Class 1 Class 2 Class	ass 3 🗆 , (Meeting CNSC or ASME requireme	ents)
Show Manufacturer	s Name, Trademark, or L	ogo as it will appear on the product	Type of Construction
	USEM	U	Forged : Welded : Wrought : Cast : Other : Describe other;
List of supporting d	ocumentation and ident	ification of the actual items to be regis	tored:
		8711 magnetic Flowmeters Sc	
my knowledge represe ratings, and identification	nts the product for which in markings are in accorded Quality Control Program	not do solerify declare that the informative registration is sought. The dimensions, in lance with the herein named standards.	and being the person having full authority on contained in this form is true to the best of naterials of construction, pressure temperature I further declare that the manufacture of these cation occurs in whole or in part and has been
	and knowing that it is of th	e same force and effect as if made under	ke this solemn declaration conscientiously roath.
Signature of Declarer:	1 Del 1		
Declared before me at	Eden Prairie, MN		
This 15 day	of March AD	2021	is some a for the Official Seal
Commissioner of Oaths Or Notary Public: (sign)	113 8		HAZEL L WILSON Notary Public Minnesota
	(Affix Official seal to the		Jan 31, 2025
		This space for Regulatory Authority use.	
0E7311 1	This registration mus	t be revalidated after ten (10) years from the o	date of acceptance. New outsidland
CRN: 0F7311.1			Labrador
FID#: 16117	Million 1975		Service NL
Notes: Model 8705, 8 max pressure 1. All Fittings shall be res	707, 8750W, MS - to (- 1/2" to 36"; Model 87 pistered in the name of the Manu	Cl.300 & 1000psi 111 - to Cl.300 - facturer: 1,5" to 8"	Registered 07 73/1.70 Date 21/03/13
2 Each Category shall be and one copy of support	e supported with two Statutory D	edaration forms	Engineering and Inspection Services Registered by
	be made by the person having fu uality of the end product.	ili authority and	UNDER THE AUTHORITY OF THE
4. Quality Control progra	ms shall be resubmitted for valid	ation.	PUBLIC SAFETY ACT AND THE BOILER PRESSURE SEED AND
11/2016			COMPRESSED GAS REGULATIONS



9410 - 20 Ave N.W. Edmonton, Alberta, Canada T6N 0A4

Tel: (780) 437-9100 / Fax: (780) 437-7787

August 13, 2021

Attention: Martin Kwong

EMERSON ROSEMOUNT MICRO MOTION INC

7070 WINCHESTER CIRCLE BOULDER, CO 80301-3506

The design submission, tracking number 2021-04139, originally received on July 31, 2021 was surveyed and accepted for registration as follows:

CRN: 0F07311.12 **Accepted on:** August 13, 2021

Reg Type: NEW DESIGN Expiry Date: July 09, 2031

Drawing No.: PRP02-MM-FM; PRP01-RSMNT-001 Rev 0/0

Fitting type: Rosemount 8705/8707/8750W/MS/8711 Magnetic Flow Meters

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

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

- It is our understanding that the fitting(s), included as the scope of this submission, that is(are) subject to the Safety Codes Act shall comply with the requirements of the indicated Standard or Code of Construction on the AB-41 Statutory Declaration as supported by the attached data which identifies the dimensions, materials of construction, press./temp. ratings and the basis for such ratings, and the identification marking of the fittings.
- This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form.
- This registration is valid only until the indicated expiry date and only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date.
- Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

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

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

Sincerely,

RADISAVLJEVIC, ZANA, P. Tech. (Eng.)

Zana Padisay/jevil

DOP Cert. No. D00003136

2021-04139 Page 1 of 1





STATUTORY DECLARATION Registration of Fittings

Single or Multiple Fitting Designs within one Fitting Category In this space, show facsimile of

ı	Kevin Bjork	, VP Global Quality	manufacturer's logo or trademark as it will appear on the fitting.			
١,	(name of applicant)	(position title) (must be in a position of auth	ority) BOSEN (SILILI			
of	Emerson-Rosemount, N	, ,	ority) ROSEMOUNT			
	,	(name of manufacturer)				
loc	ated at See attachmen	nt list of plant adresses				
		(plant address)				
do	solemnly declare that the	fittings listed hereunder, which are subject to the	Safety Codes Act			
(se	elect only one)					
	comply with the requirements of which specifies the dimensions, (title of recognized North American Standard)					
	materials of construc	tion, pressure/temperature ratings and identificati	on marking of the fittings, or			
$ \sqrt{} $	are not covered by the	e provisions of a recognized North American stan	dard and are therefore			
	manufactured to com	ply with ASME B31.3-2018	as supported by the			
		(title of code of construction or other applicable doc	ument)			
	attached data which is	dentifies the dimensions, materials of construction	n, pressure/temperature ratings			
	and the basis for such	n ratings, and the identification marking of the fitti	ngs.			
l fu	urther declare that the mar	nufacture of these fittings is controlled by a quality	control program which has been			
ve	rified as described in the b	elow Table as being suitable for the manufacturin	g 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

Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address
1.	Model 8705, 8707, 8750W, MS and 8711 magnetic Flowmeters Scope of registration		The design, manufacturing, testing, installation, and service of Flow Measurement products and systems.	28 December 2022	DNV GL	See attachment list of plant adresse
2.		V _a				





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

Model 8705, 8707, 8750W, MS and 8711 magnetic	Flowmeters Scope of registration
(Signature of the Declarer)	MAR 15 202) (Date)
DECLARED before me at Eden Prairie in the State of this 15 day of March (Month) (Ye (print) HAZEL WILSON (a Commissioner of Oaths or Notary Public) (sign)	
(expiry date (mm/dd/yy)) Commissioner of Oaths / Notary Public in and for:	(province, territory, or state)
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 F CRN: 0F07311.12 2021-08-31 Registered Date: 2031-07-09 Expiry Date:	ABSA SAFETY CODES ACT - PROVINCE OF ALBERTA ACCEPTED: 0F07311.12 See acceptance letter for conditions of registration. Date: 2021-08-13 By: Zana Radisavljevic, P. Tech. (Eng., DOP: D00003136
Signature: (Signature of the Administrator/SCO) 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	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.



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 Information								
I,	Kevin Bjork				In this space, show facsimile of			
	VP Global Quality				manufacturer's logo or trademark as it will appear on the fitting.			
	(must b			t, plant manager, chief engineer) ufacturing plant where the fitting is produce	ed)	ROSEMOUNT		
of:			ınt, Micro Motion Inc		,			
			(name o	f manufacturer)				
loca	ated at:	See atta	achment list of plant	adresses				
			ddress - Apt/Street)	(City,Pro	,	(Postal Code)		
	•	declare th ety Act (ch	-	I hereinunder, which are subjec	t to the <i>Saska</i>	tchewan Boiler and Pressure		
C) Comp	ly with the	e requirements of			ch specifies the dimensions,		
	Motor	iala af aan		(title of recognized North American Stand		in a of the fittings on		
	Mater	ials of con	istruction, pressure	e / temperature ratings and iden	uncation marki	ing of the fittings, or		
6	Are n	ot covered	by the provisions	of a recognized North Americar	standard and	are therefore manufactured		
	to cor	nply with	ASME B31.3-2018			as supported by the attached		
	data v	which iden	tifies the dimensio	ns, materials of construction, pr	essure / tempe	erature ratings and the basis		
	for su	ch ratings	, and the marking	of the fittings for identification.				
I fui	ther dec	lare that th	ne manufacturer of	these fittings is controlled by a	guality control	program which has been		
			g authority, DNV	• .		g suitable for the manufacturer		
	-		-			-		
	of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are Category F							
in s	In support of this application, the following information, calculations and / or test data are attached:							
Mc	del 870	05, 8707	, 8750W, MS ar	nd 8711 magnetic Flowmet	ters Scope of	of registration		

II. Declaration		
DECLARED before me at Eden Prairie	In the State	of Minnesota
this 15 day of March Kevin Bjork	, <u>K</u>	JB /
(print name) (Signature of Commissioner of Oaths)	(Signature)	HAZEL L WILSON Notary Public Minnesota Ny Commission Expires
III. Office Use Only	Technical Safety Authority of Saskatchewan	Jan 31 2025
To the best of my knowledge and belief, the application		and Pressure Vessel Safety Act and
CSA B51, Clause 4.2, and is accepted for registrat	File No12115	
	Registered	
(Registration Number)	Date: July 27, 2021	(Expiry Date – MM DD YYYY)
	Expiry Date: July 09, 2031	_)
	Codes & Standards Compliance Office	



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

3 September 2021

Titan Research Group 1920 Yonge Street, 2nd Floor Toronto, ON M4S 3E2

Dear Rob McGregor

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-R1732 CRN: 0F7311.14

Scope: SOR: Rosemount 8705-M Flanged Sensor, Rosemount 8711-M/L Water Sensors,

Rosemount 8750W Magnetic Flowmeter Platform, Rosemount MS Sensor

Manufacturer: Emerson Automation Solutions Flow Measurement

Expiry Date: 9 July 2031

Please find attached invoice for registration.

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

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

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

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



Statutory Declaration Registration of Fittings

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

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

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

1. Fittings to register

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

N°	Description	Additional information (detail, calculations or approval sheets)
1	Model 8705, 8707, 8750W, MS and 8711	CAT F
2	Flowmeters magnetic	
3	Scope of registration	
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,	Kevin Bjork	VP Global Quality				
., and aniacroignes,	(Name of the person in charge)	(Title of the person in charge)				
from Emerson-Rosemo	unt, Micro Motion Inc , located at	See attachment list of plant adresses				
(Company	y's name)	(Plant's address)				
hereby declare that the	above-mentioned fittings and subject to the F	Regulation respecting pressure installations:				
comply with the requ	irements of the ANSI/ASME codes as to the	ir dimensions, identification, material and purpose				
	ne ANSI/ASME codes, but are in compliance	with ASME B31.3				
,		(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	9001:2015 , and has been verified by	DNV GL				
-	ne of code)	(Authorized agency)				
Signature of the person	in charge:	Date (yyyy-mm-dd): 2021=03-15				
	()/	<u>,</u>				

3. Declaration of commissioner for oaths

I certify that this declaration has been administered before me, at Eden Prairie, MN (Location), on 2021-03-15 (Date (yyyy-mm-dd)):

Signature of commissioner for oaths:

Date (yyyy-mm-dd): 2021-03-15

Stamp the seal:

HAZEL L WILSON Notary Public Minnesota My Commission Expires Jan 31, 2025

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):

Registration date (yyyy-mm-dd):

Régie du bâtiment Québec ** **

Québec ** **

77. 08/20/2021

Documents to attach

Any application registration for fittings must include these documents:

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

Sending the form

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

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

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

Régie du bâtiment du Québec

545, boulevard Crémazie Est, 7e étage

Montréal (Québec) H2M 2V2

New Brunswick Nunavut	Nova Scotia Yukon	Prince Edward Island Northwest Territories		vfoundland and Labrador	
Manufacturers Nam	16: Emerson-Rosemount, Micro Mot	tion Inc			
Manufacturers Add	ress: See attachment list of plant ad	Iresses			-
	attachment list of plant adresses				
A Pipe fittings, including B Flanges: all flanges	y of Fittings to be registered g couplings, tees, elbows, Ys, p	ed. Circle one Category of plugs, unions, pipe caps, or red	nly ucers	<u>Title of the Standard of</u> <u>Construction</u>	
C Valves: all line valves		LW W		ASME B31.3	
E Strainers, filters, sepa	tible connections, and hose ass arators, and steam traps	500			
(F) Measuring devices, in transmitters	ncluding pressure gauges, level	I gauges, sight glasses, levels,	or pressure		
G Certified capacity-rate	ed pressure relief devices accep	ptable as primary over pressure	e protection on		
H Pressure retaining co	sels, piping and fusible plugs omponents that do not fall into o	one of the above categories			
444	: Class 1 Class 2 Class		MF requirements)		
	s Name, Trademark, or Lo			Type of Construction	-
1000a				Forged	
R	OSEMO	MINIT		Describe other:	
11.76					
List of supporting d	ocumentation and identifi	cation of the actual items	to be registered	!	-
	07, 8750W, MS and 8				
1000010700,070	or, or bow, we and c	or i i magnetic i lowi	neters ocope	or registration	
					_
Declaration:					
Kevin Bjork	(see note 3) em	ployed by Emerson-Rosemount	Micro Motion Inc	being the person having full authority	
my knowledge represe	ents the product for which re	cido solemnly declare that t gistration is sought. The di	ne information co mensions, materi	intained in this form is true to the best of ials of construction, pressure temperatu	re
ratings, and identificati	on markings are in accorda	nce with the herein named	standards. I furth	ner declare that the manufacture of thes	е
verified by DNV GL	a Quality Control Program v	which extends to each plant being suitable for that purpo	where fabrications where the	n occurs in whole or in part and has been a solemn declaration conscientiously	an
	and knowing that it is of the	same force and effect as if	made under oath	i.	
Signature of Declarer:	& DR				
D 1 11 5					
		2021	SUST	postpethe Official Seal	i
Commissioner of Oath			HAZEI	L WILSON	
Or Notary Public: (sign	110 1		Nota Mi	ny Public	
or rectary rabile. (sign	(Affix Official seal to the r	right)	My Com	New ANouveau	
		This space for Regulatory Aut	nority user ====	Terroyick	H
	This registration must I	be revalidated after ten (10) ye	ars from the date of	F JUSTICE PUBLIC SAFETY	ı
CRN: 0F7311.1		Ĭ	BOILER	& PRESSURE VESSELACT	
FID#: 16117			R	EGISTRATION ONLY	
Model 9705 9	8707, 8750W, MS - to C	I.300 & 1000psi	CRN	357311,17	
1. All Fittings shall be re	= 1/2" to 36"; Model 871 egistered in the name of the Manufa	11 - to Cl.300 -	OKN.	2	
Each Category shall	be supported with two Statutory Dec		\(\lambda \)	G. C.	
	porting documentation. I be made by the person having full	authority and	CHI	F BOILER INSPECTOR	
responsibility for the	quality of the end product.		100 00000	0/12/21	
	rams shall be resubmitted for validat	tion.	DAT	Sect 1.0 - Fittings Rev.2	
11/2016	July 9th, 2031 - DG	1		Geot 1.0 - Fittings Nev.2	
			□BLRs	□ P\¢	
Section 1997 and 199			MEITTINGS	DAVICE TAR COMPONENTS	

	Yukon	Prince Edward Island Northwest Territories	Newfoundland and Labrador
	Me: Emerson-Rosemount, Micro dress: See attachment list of plan		
	a attachment list of plant adresses	nt acresses	
Categor	y of Fittings to be regist	tered. Circle one Category only 's, plugs, unions, pipe caps, or reducers	Title of the Standard of Construction
C Valves: all line valve D Expansion joints, fle E Strainers, filters, sep (F) Measuring devices, transmitters G Certified capacity-rate	xible connections, and hose parators, and steam traps including pressure gauges, le	evel gauges, sight glasses, levels, or pressure	1
H Pressure retaining c	omponents that do not fall in	to one of the above categories	
N Nuclear components	: Class 1 🗆 Class 2 🗖 C	lass 3 [] , (Meeting CNSC or ASME requirem	
Management	OSEM	Logo as it will appear on the product	Forged Welded Wrought Describe other:
List of supporting of	ocumentation and iden	tification of the actual items to be req	istered:
111111111111111111111111111111111111111	or, or down, two dire	d 8711 magnetic Flowmeters S	scope of registration
my knowledge represe ratings, and identificat fittings is regulated by verified by DNV OL believing it to be true,	he quality of the end prodents the product for which ion markings are in accordanged Quality Control Program as and knowing that it is of the	luct do solemnly declare that the informa registration is sought. The dimensions, dance with the herein named standards. In which extends to each plant where fab	and being the person having full authority tion contained in this form is true to the best of materials of construction, pressure temperature I further declare that the manufacture of these rication occurs in whole or in part and has been ake this solemn declaration conscientiously er oath.
Kevin Bjork and responsibility for to my knowledge represe ratings, and identificat fittings is regulated by verified by DNV OL believing it to be true, Signature of Declarer:	he quality of the end prodents the product for which on markings are in accorda Quality Control Programas and knowing that it is of the	luct do solemnly declare that the informa registration is sought. The dimensions, dance with the herein named standards. In which extends to each plant where fab s being suitable for that purpose and I ma	tion contained in this form is true to the best of materials of construction, pressure temperature. I further declare that the manufacture of these rication occurs in whole or in part and has been ake this solemn declaration conscientiously.
Kevin Bjork and responsibility for to my knowledge represe ratings, and identificati fittings is regulated by verified by DNV OL believing it to be true, Signature of Declarer: Declared before me at	he quality of the end prodents the product for which ion markings are in accorda Quality Control Program as and knowing that it is of the Eden Prairie, MN	registration is sought. The dimensions, dance with the herein named standards. In which extends to each plant where fab is being suitable for that purpose and I make same force and effect as if made under the same force and effect as if made under the same force and effect as if made under the same force and effect as if made under the same force and effect as if made under the same force and effect as if made under the same force and effect as if made under the same force and effect as if made under the same force and effect as if made under the same force and effect as if made under the same force as if made under the same force and effect as if made under the same effect as if made und	tion contained in this form is true to the best of materials of construction, pressure temperature. I further declare that the manufacture of these rication occurs in whole or in part and has been ake this solemn declaration conscientiously er oath.
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Kevin Bjork and responsibility for to my knowledge represe ratings, and identificati fittings is regulated by verified by DNV OL believing it to be true, Signature of Declarer: Declared before me at This 15 day Commissioner of Oath	he quality of the end prodents the product for which ion markings are in accordance a Quality Control Program as and knowing that it is of the Eden Prairie, MN of March Als	registration is sought. The dimensions, dance with the herein named standards. In which extends to each plant where fab is being suitable for that purpose and I make same force and effect as if made under the purpose and I make same force and effect as if made under the purpose and I make same force and effect as if made under the purpose and I make same force and effect as if made under the purpose and I make	tion contained in this form is true to the best of materials of construction, pressure temperature. I further declare that the manufacture of these rication occurs in whole or in part and has been ake this solemn declaration conscientiously er oath. HAZEL L WILSON Notary Public Minnesota (Commission Expires

New Brunswick	Nova Scotia	Prince Edward Island	New					
Nunavut	Yukon	Northwest Territories	Nev	vfoundland and Labrador				
Manufacturers Name: Emerson-Rosemount, Micro Mction Inc								
Manufacturers Address; See attachment list of plant adresses								
Plant Locations: See attachment list of plant adresses Category of Fittings to be registered. Circle one Category only Title of the Standard of								
B Flanges: all flanges	couplings, tees, elbows, Ys, plug	Circle one Category onlys, unions, pipe caps, or reduc	Y ers	Title of the Standard of Construction	1			
C Valves: all line valves	C Valves: all line valves							
E Strainers, filters, separators, and steam trans								
(F)Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters								
CONGIO, PIESPUIE VESSEI	pressure relief devices acceptal s, piping and fusible plugs		rotection on					
h Pressure retaining com	ponents that do not fall into one							
N Nuclear components:	Class 1 ☐ Class 2 ☐ Class 3 Name, Trademark, or Logo	, (Meeting CNSC or ASME	requirements)					
	tame, trademark, or Logo	as it will appear on the p	roduct	Forged Welded Wrought				
D	DSEMO			Cast Other Describe other:				
3 //4	DEMIN			Describe other.				
List of supporting doc	umentation and identificat	ion of the actual items to	bo maintanni					
	, 8750W, MS and 87							
	, 0750VV, IVIS and 07	i i magnetic Flowme	ters Scope	of registration				
Declaration: Kevin Bjerk	(see sets 2) omnles	Emerson-Rosemount Mic	na Motion Inc	F 8				
and responsibility for the				being the person having full authority tained in this form is true to the best of				
fittings is regulated by a C	Quality Control Program which	h extends to each plant wh	ere fabrication	r declare that the manufacture of these				
	as being knowing that it is of the san			solemn declaration conscientiously				
	V 101	io iosoc and eliect as il fila	de under Çatri.	₩				
Signature of Declarer. Declared before me at Ed	den Prairie MN							
This 15 day of		1	12 - 0 -					
Commissioner of Oaths	AD ZUZ			ce for the Official Scal				
Or Notary Public: (sign) _	Und		(S) Notary	Public sorta				
or recary resiles (sign)_	(Affix Official seal to the right)	1 34	My Commis	sion Expires , 2025				
	This	space for Regulatory Authority						
0F7311 1	This registration must be re	space for Regulatory Authority validated after ten (10) years f	rom the date of a	cceptance.				
CRN: 0F7311.1		PROVI	ACCE NCE OF PRING	CE EDWARD ISLAND	÷			
FID#: 16117	ANONEMER CONTROL (BARRIES - PET LA PROCEDING STATE	COMM	UNITIES, LAN	D & ENVIRONMENT				
Notes: Model 8705, 870	7, 8750W, MS - to Cl.300		^ F	771110				
 All Fittings shall be registed Each Category shall be so 	/2" to 36"; Model 8711 - gred in the name of the Manufacturer apported with two Statutory Declarati		Or	131119				
and one copy of supporting	g documentation.	DAIL.	-	A3 (3/d)	_			
 The Declaration shall be n responsibility for the qualit 	nade by the person having full authory of the end product.	W. Carlotte						
	shall be resubmitted for validation.	INS	PECTION SER	VICES SECTION				
CRN expires July	9tn, 2031 - DG	ROIL	EK/PRESSURE	VESSEL BREANCEF Fittings Rev.2				
				1				

Prince Edward Island

New Brunswick

Nova Scotia

New Brunswick	Nova Scotia	Prince Edward		Newfoundland and Labrador
Nunavut	Yukon	Northwest Terri	tories	
	B: Emerson-Rosemount, Micro Mati			
	955; See stackment list of plant add Nachment list of plant addresses	05505	****	
	of Fittings to be registere	d Circle one Cate	one only	Title of the Ottendard of
A Pipe fittings, including B Flanges: all flanges	couplings, tees, elbows, Ys, pl	ugs, unions, pipe caps,	or reducers	Title of the Standard of Construction
C Valves: all line valves	de accompations, and base assessed			ASME B31.3
E Strainers, filters, sapan	le connections, and hose asse ators, and steam traps			
(F) Measuring devices, Inc	luding pressure gauges, level ;	gauges, sight glasses, l	evels, or pressure	
G Certified capacity-rated	pressure relief devices accept	able as primary over pr	essure protection on	
H Pressure retaining com	is, piping and fusible plugs ponents that do not fall into on	e of the shove estenor	0 5	
772 6	Class 1 Class 2 Class			->
Show Manufacturers	Name, Trademark, or Log	o as it will appear o	n the product	Type of Construction
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D	DSEMO	NE REAL BA		Cast D Other Describe other:
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Model 8705, 8707	, 8750W, MS and 87	711 magnetic Fl	owmeters Sco	ppe of registration
				25 (27)
Declaration:				
Kevin Bjork	(see note 3) empl	oyed by Emerson-Rose	nount, Micro Malion Inc	and being the person having full authority
my knowledge represent	s the product for which regi	stration is sought. T	nat ine information he dimensions, ma	contained in this form is true to the best of terials of construction, pressure temperature
ratings, and Identification	markings are in accordance	se with the herein nar	ned standards. I fi	urther declare that the manufacture of these
fittings is regulated by a f	Quality Control Program wh	rich extends to each	plant where febrica	tion occurs in whole or in part and has been this solemn declaration conscientiously
	d knowing that it is of the se			
01	V NEI			
Signature of Declarer:	dan Desido MAI			
Declared before me at		204		
This 15 day of	March AD 20)	STATE OF THE OWNER, TH	ZEL L WILSON
Commissioner of Oaths	1/0/2	_ 1		otary Public
Or Notary Public: (sign) _	MIL -		My Co	Minnesota mmission Expires
	(Affix Official seal to the rigi	nt) 🐧		an 31, 2025
		is space for Regulatory		
CRN: 0F7311.1	This registration must be	revaildated after ten (1	0) years from the date	163.09
FID#: 16117	and the second s		/ Nor	thwest
Notes Model 8705, 870	07, 8750W, MS - to Cl.3	00 & 1000psi	/	Territories
All Fittings shall be regist	1/2" to 36"; Model 8711 lered in the name of the Manufactu	rer15" to 8"	/ R	EGISTERED
	supported with two Statutory Declar		UNDER	THE AUTHORITY OF
	ng documentation. made by the parson having full aut	hority and		LER AND PRESSURE
responsibility for the qual			1,	VESSEL ACT.
	shall be resubmitted for validation	•8	C.R.N.	0 F 23/1. (T
CRN expires Jul	y 9th, 2031 - DG		SIGNE	D
LHAVIV			DATE	And 1.1 200
			- Pina	0