9410 - 20 Ave N.W.

Edmonton, Alberta, Canada T6N 0A4

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

January 11, 2019

Attention: Martin Kwong

MICRO MOTION INC

12001 TECHNOLOGY DRIVE EDEN PRAIRIE, MN 55344

Email:martin.kwong@emerson.com

The design submission, tracking number 2018-08363, originally received on December 18, 2018 was surveyed and accepted for registration as follows:

CRN:

0F00792.2

Accepted on: January 11, 2019

Reg Type:

ADDITION TO ACC. FITTING

Expiry Date: December 03, 2024

Drawing No.: ADD. OF NEW PLANT LOCATIONS SEE ATTACH. TO STAT. DECLARATION

Fitting type: MAGN/FLOW TUBES,MODELS 8705/8707/8707W/MS/8711

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.

- 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.

CRN covers addition of locations and addition of the model MS to the CRN.

Model MS has identical pressure boundary with curently registered Models 8705/8707/870W. There are no changes to the pressure boundaries of the flowmeters per client letter.

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

Enclosed are stamped prints for your reference.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3330 or fax (780) 437-7787 or e-mail grynchuk@absa.ca.

Sincerely.

GRYNCHUK, MILLA, P. Eng.

DOP Cert. No. D00005217

Aberta Municipal Affairs



STATUTORY DECLARATION Registration of Fittings

I,	Mark Fleigle	VP, Technol Product Dev	logy and New velopment	In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.
of I	(name of applicant) Micro Motion Inc	(position title) (mus	st be in a position of authority)	ROSEMOUNT
locate	Can attachment Lint	ne of manufacturer) of plant address	es	ROJEMOUNI
	(lemnly declare that the fittings liste k one)	plant address) ed hereunder, which	are subject to the Safety	Codes Act
, Z	comply with the requirements of	ASME B31.3 (title of recognized North		specifies the dimensions,
	materials of construction, pressu	ure/temperature rati	ings and identification ma	king of the fittings, or
	are not covered by the provisions	s of a recognized N	orth American standard a	nd are therefore manufactured
	to comply with		а	s supported by the attached
		f construction or other a	pplicable document)	
	data which identifies the dimensi	ons, materials of co	onstruction, pressure/temp	erature ratings and the basis
	for such ratings, and the marking	of the fittings for id	lentification.	
I furth	er declare that the manufacture of	these fittings is cor	ntrolled by a quality contro	l program which has been
verifie	d by the following authority,	DNV GL	as being suitab	le for the manufacture of these
fitting	s to the stated standard. The fitting	gs covered by this o	declaration, for which I see	ek registration, are
	S Magnetic Flow Tubes			
	port of this application, the following cover letter attached	orief description of fitting	•	re attached:
this _	ARED before me at Eden Pra	ember &	State of	Minnesota Oranice of Attina LEE GUTHERY Notary Public Minnesota My Comm. Expires Jan 31, 2027
(print	(a Commissioner of Oaths of Notary i	Publica 1 W Jublic)	Mel (signature	Yawid Ka Cinching of applicant)
For A	BSA Office Use Only:			
NOTE	S:			
Stand	e best of my knowledge and belief, ard B51, Clause 4.2, and is accept tration Number: 0 F 0 0 7	the application med ted for registration i 92 • 2	n Category F	e Safety Codes Act and CSA
	Registered: JAN 18 201	9	(Signature of Expiry Date: 2024	
Pressur	rmation you provide is necessary only for the a e Equipment Discipline.	•	ams as required by the Alberta Saf	





Emerson Automation Solutions 12001 Technology Dr. Eden Prairie, MN 55344 USA

Authorized Manufacturing Sites

The following is a list of sites where Micro Motion Inc manufactures all Rosemount branded magnetic and vortex flowmeters. Micro Motion Inc is owned by Emerson and all facilities are under the control of Emerson.

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

addition of new locations and us readel

JAN 10 2019





ROSEMOUNT

Emerson Automation Solutions 12001 Technology Dr. Eden Prairie, MN 55344 USA

Model 8705, 8707, 8750 and MS Magnetic Flowmeters Scope of Registration Design Code: ASME B31.3

Model	Flange Material	Flange Type	Size (NPS)	MAWP ASME B16.5 Class
8705 8707 8750W	ASTM A105 Carbon Steel ASTM A182 304/304L Dual Marked SST	Slip-On	½ to 12	900#
MS	ASTM A182 316/316L Dual Marked SST			
8705 8707 8750W MS	ASTM A105 Carbon Steel ASTM A182 304/304L Dual Marked SST ASTM A182 316/316L Dual Marked SST	Slip-on	14 to 24	600#
8705 8707 8750W MS	ASTM A105 Carbon Steel ASTM A182 304/304L Dual Marked SST ASTM A182 316/316L Dual Marked SST	Weld neck	% to 36	. 300#
8711	N/A	Wafer	1 to 8	300#

Material	Minimum Temperature	Maximum Temperature
ASTM A312, 304/316 Stainless Steel Pipe	-50 F	350 F
ASTM A358, class 1, 3, or 4, 304/316 Stainless Steel Pipe		
ASTM A105 Carbon Steel Flange	-20 F	350 F
ASTM A182 304/316 stainless steel Flange	-50 F	350 F

Reviewed By:

Okoods.

Martin Kwong, PE

Senior Engineer

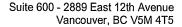
Rosemount Mag & Vortex Flowmeters

New Brunswick Nunavut

Nova Scotia Yukon

Prince Edward Island Northwest Territories Newfoundland and Labrador

Manufacturers Name: Micro Motion Inc	
Manufacturers Address: 12001 Technology Dr., Eden Prairie, MN 55344, USA	
Plant Locations: See attachment - List of plant addresses	
Category of Fittings to be registered. Circle and Cotton	51
A Fire mings, including couplings lees elhows Vs along unions mine and	Title of the Standard of
B Flanges: all flanges C Valves: all line valves	Construction
D Expansion joints, flexible connections, and hose assemblies. all types	ASME B31.3
E Stidillers, filters, separators, and steam trans	201.0
F Measuring devices, including pressure gauges, level gauges sight plasses, levels or pressure	
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 CNSC or ASME requirements)	
Show Manufacturers Name, Trademark, or Logo as it will appear on the product	Type of Construction
	Forged D Welded D Wrought D
ROSEMOUNT'	Cast □ Other □ Describe other:
WAREHARK!	Describe other:
List of supporting documentation and identification of the actual items to be registered	
(1) Design Explanation for MS models	
(2) Scope of Registration	
(2) Devises ADSA	
(3) Previously ABSA stamped design registration for reference	
	İ
Declaration:	
Mark Fleigle (see note 3) employed by 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 commy knowledge represents the product for which registration is sought. The dimensions material	ntained in this form is true to the best of
ratings and identification markings are in accordance with the differential and international markings are in accordance with the differential and international markings are in accordance with the differential and international markings are in accordance with the differential and international markings are in accordance with the differential and the differential a	ils of construction, pressure temperature
ratings, and identification markings are in accordance with the herein named standards. I further fittings is regulated by a Quality Control Program which extends to each plant where tablection	er declare that the manufacture of these
verified by DNV GL	occurs in whole or in part and has been
believing it to be true, and knowing that it is of the same force and effect as if made under oath.	solemn declaration conscientiously
Signature (D)	Maria a a a a a a a a a a a a a a a a a a
Signature of Declarer: Wash	LAURA LEE GUTHERY
Declared before me at Emerson, Eden Prairie, MN USA	Notary Public
This 13 day of December AD 2018	Minnesota My Comm. Frances
	CO IN The Chicial Scal
Commissioner of Oaths	Harry Mary
Or Notary Public: (sign) Talka Koe Stalkery	The constraint of
(Affix Official seal to the right)	
This space for Regulatory Authority use.	: 4
This registration must be revalidated after ten (10) years from the date of at CRN: 0F00792.2 ADD20	cceptance.
CRN: 0100772.2 ADD20	Newforthdland
FID#:15738	Labrador
	Service NL
Notes:	
And thomas shall be registered in the name of the Manufacturer.	Registered 0400 792.20 Ann. 20
Lecti Category strati be supported with two Statutory Declaration forms	101-1081
	ingineering and inspection Services
3 The Declaration shall be made by the person having full authority and responsibility for the quality of the end product.	Registered by b.
4 Quality Control programs shall be resubmitted for validation.	UNDER THE AUTHORITY OF THE
	PUBLIC SAFETY ACT
11/2016 Ti	HE BUILER PRESSIBLIER TEMPER Rev.2
	COMPRESSED GAS REGULATIONS
	TO MEGOLATIONS





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

ALBERTA BOILERS SAFETY ASSOCIATION 9410 20 AVENUE NW EDMONTON AB T6N 0A4

Date:

March 5, 2019

Account #: 34986 Journal #: 72686 Our File #: 5630748

Attn: CYNTHIA FORMANIUK

Re: Application for Design Registration

The design, as detailed in your, 2018-08363, for a Fitting is accepted for registration as follows:

Registered To: EMERSON-ROSEMOUNT, MICRO MOTION INC

CRN: 0F00792.21

Drawing #: Magnetic Flow Tubes (see SOR)

Drawing Revision: N/A

Conditions of Registration:

Registration (revision) of new manufacturing locations and magnetic flow tubes, as per attached SOR.

Reviewer's Notes

Any additional conditions of registration stated in ABSA CRN# 0F00792.2 registration shall apply to BC registration.

As required by CSA B51 4.2.1, this registration expires on December 3, 2024. 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 the registration will be forwarded under separate cover.

BO FENG (778) 396-2086 Bo.Feng@technicalsafetybc.ca Design Engineer

CC:



ROSEMOUNT

Emerson Automation Solutions 12001 Technology Dr. Eden Prairie, MN 55344 USA

Model 8705, 8707, 8750 and MS Magnetic Flowmeters Scope of Registration Design Code: ASME B31.3

Model	Flange Material	Flange Type	Size (NPS)	MAWP ASME B16.5 Class
8705 8707 8750W MS	ASTM A105 Carbon Steel ASTM A182 304/304L Dual Marked SST ASTM A182 316/316L Dual Marked SST	Slip-On	½ to 12	900#
8705 8707 8750W MS	ASTM A105 Carbon Steel ASTM A182 304/304L Dual Marked SST ASTM A182 316/316L Dual Marked SST	Slip-on	14 to 24	600#
8705 8707 8750W MS	ASTM A105 Carbon Steel ASTM A182 304/304L Dual Marked SST ASTM A182 316/316L Dual Marked SST	Weld neck	½ to 36	300#
8711	N/A	Wafer	1 to 8	300#

Material	Minimum Temperature	Maximum Temperature
ASTM A312, 304/316 Stainless Steel Pipe	-50 F	350 F
ASTM A358, class 1, 3, or 4, 304/316 Stainless Steel Pipe		
ASTM A105 Carbon Steel Flange	-20 F	350 F
ASTM A182 304/316 stainless steel Flange	-50 F	350 F

OF00792.21 March 5, 2019 72686

CEOON OF.

Reviewed By:

Martin Kwong, PE

Senior Engineer

Rosemount Mag & Vortex Flowmeters



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

RECEIVED MAR 1 9 2019

REGISTRATION OF A PRESSURE FITTING DESIGN

07-Mar-19

ABSA 9410 20th Avenue NW Edmonton, AB T6N 0A4

Attention: Cynthia Formaniuk

File Number: 11047 [0 F]

Re: Manufacturer:

Micro Motion Inc.

Item:

MS Magnetic Flow Tubes

Catalog or Drawing: Cover letter & Scope of Registration (SOR 8700 Magmeter Rev. 0)

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:

0F00792.23

Expiry Date: Dec. 03, 2024

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,

Williams Uju, P.Eng.

Codes and Standards Compliance

Remarks:

CRN registered under reciprocal agreement and conditional upon compliance with the notes on the original registration.





In this space, show facsimile of

STATUTORY DECLARATION Registration of Fittings

VP, Technology and New

Ι, _	Mark Fleigle	Product Development	manufacturer's logo or trademark as it will appear on the fitting.
of	(name of applicant) Micro Motion Inc	(position title) (must be in a positi	
loca	ted at See attachment - Lis	·	ROSLINOUNI
	olemnly declare that the fittings liseck one)	(plant address) ted hereunder, which are subjec	t to the Safety Codes Act
Ø	comply with the requirements of	of ASME B31.3 (title of recognized North American Sta	which specifies the dimensions,
	materials of construction, pres	sure/temperature ratings and ide	entification marking of the fittings, or
	are not covered by the provision	ns of a recognized North Americ	an standard and are therefore manufactured
	to comply with		as supported by the attached
	(title of code	of construction or other applicable docu	
	data which identifies the dimen	sions, materials of construction,	pressure/temperature ratings and the basis
	for such ratings, and the marki	ng of the fittings for identification.	
I fur	her declare that the manufacture	of these fittings is controlled by a	quality control program which has been
	ied by the following authority,	DNIVOL	s being suitable for the manufacture of these
	gs to the stated standard. The fitt		lechnical Safety Authority
	IS Magnetic Flow Tubes	ngo oovered by this declaration,	Which I seek registration, are Safety Unit
		(brief description of fittings)	2500 260 0
In su	apport of this application, the follow		I/or test data are attached: $0+00+12\cdot 2$
Se	ee cover letter attached		File
			RECISTERED
DEC	LARED before me at Eden P	rairie _{in the} State	of Minnesota
this	1 /	Month) , 2018 (Year)	Droynos or state Notary Public Minnesota My Comm. Expires Jan 31, 2021
(prir (sign	(a Commissioner of Oaths or Notar	Publich	Male ITS
	(a Commissioner of Oaths or Notar	(Rublic)	(signature of applicant)
For A	ABSA Office Use Only:		
NOT	ES:		
To th Stan	e best of my knowledge and belie dard B51, Clause 4.2, and is acce	f, the application meets the requi pted for registration in Category _	rements of the Safety Codes Act and CSA
Regi	stration Number:		
Date	Registered:	Expiry Da	(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.



ROSEMOUNT

Emerson Automation Solutions 12001 Technology Dr. Eden Prairie, MN 55344 USA

Model 8705, 8707, 8750 and MS Magnetic Flowmeters Scope of Registration Design Code: ASME B31.3

Model	Flange Material	Flange Type	Size (NPS)	MAWP ASME B16.5 Class
8705	ASTM A105 Carbon Steel	Slip-On	½ to 12	900#
8707	ASTM A182 304/304L			
8750W	Dual Marked SST			
MS	ASTM A182 316/316L			
	Dual Marked SST			
8705	ASTM A105 Carbon Steel	Slip-on	14 to 24	600#
8707	ASTM A182 304/304L			
8750W	Dual Marked SST			
MS	ASTM A182 316/316L			
	Dual Marked SST			
8705	ASTM A105 Carbon Steel	Weld neck	½ to 36	300#
8707	ASTM A182 304/304L			
8750W	Dual Marked SST			
MS	ASTM A182 316/316L			
	Dual Marked SST			
8711	N/A	Wafer	1 to 8	300#

Material	Minimum Temperature	Maximum Temperature
ASTM A312, 304/316 Stainless	-50 F	350 F
Steel Pipe		
ASTM A358, class 1, 3, or 4,		
304/316 Stainless Steel Pipe		
ASTM A105 Carbon Steel Flange	-20 F	350 F
ASTM A182 304/316 stainless	-50 F	350 F
steel Flange		

Technical Safety Authority
of Saskarchewan
Boiler & P.V. Safety Unit

CRN OF 00792.23
File 11049

REGISTERED
Date Mach 07,2019

Reviewed By:

Martin Kwong, PE

Senior Engineer

Rosemount Mag & Vortex Flowmeters



June 7, 2019

ABSA 9410-20 Ave. NW Edmonton, AB T6N 0A4

Dear Cynthia Formaniuk,

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: 39715 CRN: 0F00792.24

Scope: Addition of New Plant and Model MS

Manufacturer: MICRO MOTION INC.

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 Cheryl.Lashek@gov.mb.ca 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



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 11, 2019

CYNTHIA FORMANIUK MICRO MOTION INC 7070 WINCHESTER CIRCLE BOULDER CO 80301 US

Service Request Type: BPV-Fitting Registration

Service Request No.: 2495990 Your Reference No.: 2018-08363 Registered to: MICRO MOTION INC

Dear CYNTHIA FORMANIUK,

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

CRN No.: 0F0792.25ADD21

Main Design No.: SCOPE OF REGISTRATION - MODEL 8705, 8707, 8750 AND MS MAGNETIC

FLOWMETERS

Expiry Date: 28-Apr-2021

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

1. Addition of new manufacturing sites, and addition of model MS. Model MS has identical pressure boundary with currently registered models 8705/5707/570W. There are no changes to pressure boundaries of the flowmeters per client letter.

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,

Amir Hariri

Tel.: 416-734-3461 Email.: ahariri@tssa.org



.....Mark Fleigle



STATUTORY DECLARATION **Registration of Fittings**

VP, Technology and New **Product Development**

(position title) (must be in a position of authority)

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.



of Micro Motion Inc	ROSEMOUNT
(name of manufacturer) located at See attachment - List of plant addresses	
(plant address)	
do solemnly declare that the fittings listed hereunder, which are subject to the Safety Co (check one)	des Act
comply with the requirements of ASME B31.3 which specified which specified North American Standard)	ecifies the dimensions,
materials of construction, pressure/temperature ratings and identification marking	ng of the fittings, or
are not covered by the provisions of a recognized North American standard and	are therefore manufactured
	upported by the attached
(title of code of construction or other applicable document)	
data which identifies the dimensions, materials of construction, pressure/tempera	ature ratings and the basis
for such ratings, and the marking of the fittings for identification.	
I further declare that the manufacture of these fittings is controlled by a quality control pro-	ogram which has been
verified by the following authority, DNV GL as being suitable	for the manufacture of these
fittings to the stated standard. The fittings covered by this declaration, for which I seek	registration, are
MS Magnetic Flow Tubes	-
(brief description of fittings)	
In support of this application, the following information, calculations and/or test data are	attached:
See cover letter attached	
DECLARED A Company Com	
DECLARED before me at Eden Prairie in the State of October 100 of	INDESOTA LEE GUTHERY
this 13 day of November, 2018	Notary Public Minnesota
(Month) (Year)	My Comm. Expires Jan 31, 2021
(print) AUVA ICC (WITHC/V) / (a-Commissioner of Oaths for Notary Public)	wa sa Willer
Company of the Mark	re. V
(sign) (a Commissioner of Oaths or Notary Public) (signature of a	applicant)
For ABSA Office Use Only:	
NOTES:	
To the best of my knowledge and belief, the application meets the requirements of the S Standard B51, Clause 4.2, and is accepted for registration in Category	afety Codes Act and CSA
Registration Number: PEN 792 , 2 EATO 21	
(Signature of the	Administrator/SCO)
The information you provide is nedessary only for the administration of the programs as required by the Alberta Safety	Codes Act and Regulations in the
Addition of locations to CRN and new MS model.	



ROSEMOUNT

Emerson Automation Solutions 12001 Technology Dr. Eden Prairie, MN 55344 USA

Model 8705, 8707, 8750 and MS Magnetic Flowmeters Scope of Registration Design Code: ASME B31.3

Model	Flange Material	Flange Type	Size (NPS)	MAWP ASME B16.5 Class
8705	ASTM A105 Carbon Steel	Slip-On	½ to 12	900#
8707	ASTM A182 304/304L			
8750W	Dual Marked SST			
MS	ASTM A182 316/316L			-
	Dual Marked SST			
8705	ASTM A105 Carbon Steel	Slip-on	14 to 24	600#
8707	ASTM A182 304/304L			-
8750W	Dual Marked SST			
MS	ASTM A182 316/316L			
	Dual Marked SST			
8705	ASTM A105 Carbon Steel	Weld neck	½ to 36	300#
8707	ASTM A182 304/304L			
8750W	Dual Marked SST			
MS	ASTM A182 316/316L			
	Dual Marked SST			
8711	N/A	Wafer	1 to 8	300#

Material	Minimum Temperature	Maximum Temperature
ASTM A312, 304/316 Stainless Steel Pipe	-50 F	350 F
ASTM A358, class 1, 3, or 4, 304/316 Stainless Steel Pipe		
ASTM A105 Carbon Steel Flange	-20 F	350 F
ASTM A182 304/316 stainless steel Flange	-50 F	350 F

OFO79LISADDU

Reviewed By:

Martin Kwong, PE

Senior Engineer

Rosemount Mag & Vortex Flowmeters



To:	ABSA	From:	Janet Townsend	
Company:	Micro Motion Inc.	Phone:	416-747-4291	
Pages:	9	Location:	Toronto	
Our File:	ANR-5276	Date:	March 8, 2019	

Your File: 2018-08363

Subject: Request Design Registration

Ms. Formaniuk,

CSA has received the documentation submitted by ABSA on behalf of Micro Motion Inc. These fittings have been registered by CSA for the Province of Québec in accordance with an agreement between CSA and the Province of Québec.

The CRN is 0F00792.26.

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

Yours truly

Janet Townsend

Program Manager

CSA Group

178 Rexdale Blvd. Toronto, ON, M9W 1R3 Canada

www.csagroup.org

Registration Process administered by



CRN: 0F00792.26 Statutory Declaration Registration of Fittings

(a)	Design Qualification	CSA Group per CSA B51
J 1	Mark Fleigle	COA Group per COA DOI
	(Name of applicant)	
	Vice President - Technology & Product Development	
	(Position eg, president, plant manager, c	hief eng.)
٥f	Micro Motion Inc	

Micro Motion Inc (name of company) Located at 12001 Technology Dr, Eden Prairie, MN 55344, USA (plant address) do solemnly declare that the fittings listed hereunder, which are subject to the Boilers & Pressure Vessels Act: comply with all the requirements of the ANSI/ASME codes as to their dimensions, material, identification & service for which are required: B31.3 Or are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with code and standard, and are designed to the best current engineering practice, as shown by the supporting test data. (b) Quality control of Manufacture I further declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of ____, and has been verified by the following authority or authorized agency The fittings² covered by this declaration, for which I seek registration, are MS series magnetic flowtubes In support of the application, the following information, calculations and/or test data are attached: (1) Similarity in Pressure Retaining capability with current registered flowtubes (2) scope of registration (3) Previously ABSA stamped design registration as reference LAURA LEE GUTHERY Declared before me at Notary Public Minnesota My Comm, Expires Jan 31, 2021 Signature of Declarer For Official Use Only The application is accepted for registration in Category in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51. This registration must be revalidated after ten (19) years from the date of acceptance. Dec .3-2024 Registered Number CRN OF 00792.26

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



For the Chief Inspector

Date

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

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

^{3.} Technical review performed in the previously registration.



Emerson Automation Solutions 12001 Technology Dr. Eden Prairie, MN 55344 USA

Model 8705, 8707, 8750 and MS Magnetic Flowmeters **Scope of Registration Design Code: ASME B31.3**

Model	Flange Material	Flange Type	Size (NPS)	MAWP ASME B16.5 Class
8705	ASTM A105 Carbon Steel	Slip-On	½ to 12	900#
8707	ASTM A182 304/304L			
8750W	Dual Marked SST			
MS	ASTM A182 316/316L			
	Dual Marked SST			÷
8705	ASTM A105 Carbon Steel	Slip-on	14 to 24	600#
8707	ASTM A182 304/304L			
8750W	Dual Marked SST			
MS	ASTM A182 316/316L			
	Dual Marked SST			
8705	ASTM A105 Carbon Steel	Weld neck	½ to 36	300#
8707	ASTM A182 304/304L			
8750W	Dual Marked SST			
MS	ASTM A182 316/316L			
	Dual Marked SST			
8711	N/A	Wafer	1 to 8	300#

Material	Minimum Temperature	Maximum Temperature
ASTM A312, 304/316 Stainless Steel Pipe	-50 F	350 F
ASTM A358, class 1, 3, or 4, 304/316 Stainless Steel Pipe		
ASTM A105 Carbon Steel Flange	-20 F	350 F
ASTM A182 304/316 stainless steel Flange	-50 F	350 F

Reviewed By:

Martin Kwong, PE

Senior Engineer

Rosemount Mag & Vortex Flowmeters

CEOON 92. 9.

New Brunswick Nunavut Nova Scotia Yukon

Prince Edward Island Northwest Territories Newfoundland and Labrador

Manufacturers Name: Micro Motion Inc		
Manufacturers Address: 12001 Technology Dr, Eden Prairie, MN 55344, USA		
Plant Locations: See attachment - List of plant addresses		
Category of Fittings to be registered. Circle one Cate A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps 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, transmitters G Certified capacity-rated pressure relief devices acceptable as primary over poolers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above catego N Nuclear components: Class 1 Class 2 Class 3 , (Meeting CNSC Show Manufacturers Name, Trademark, or Logo as it will appear	levels, or pressure pressure protection on ries	Title of the Standard of Construction ASME B31.3 Type of Construction Forged Welded Wrought Cast Other Describe other:
List of supporting documentation and identification of the actual	items to be registered	:
(1) Design Explanation for MS models(2) Scope of Registration(3) Previously ABSA stamped design registration for		
Declaration: Mark Fleigle	that the information cor he dimensions, materia ned standards. I furthe plant where fabrication	als of construction, pressure temperature or declare that the manufacture of these occurs in whole or in part and has been
Signature of Declarer: Declared before me at Smerson, Eden Prairie, MN U This	SA Jasa Spa	LAURA LEE GUTHERY Notary Public Minnesota AND THE CONTROL SCALE MINISTRA CONTROL SCALE MINI
		RESSURE VESSEL ACT
This registration must be revalidated after ten (10 CRN: 0F00792.2 ADD20 FID#: 15738	years from the date of a	cceptance. STRATION ONLY FOO 792 27 Add 20
Notes:		
All Fittings shall be registered in the name of the Manufacturer.	l W.	
Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.	CHIEF B	OILER INSPECTOR
 The Declaration shall be made by the person having full authority and responsibility for the quality of the end product. 	DATE_C	2/8/2019
 Quality Control programs shall be resubmitted for validation. 	•	
11/2016	_	PVs Sect 1.0 - Fittings Rev.2
	FITTINGS	NUCLEAR COMPONENTS

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

New Brunswick Nunavut

Nova Scotia Yukon

Prince Edward Island Northwest Territories

Newfoundland and Labrador

Manufacturers Name: Micro Motion Inc	
Manufacturers Address: 12001 Technology Dr. Eden Prairie, MN 55344, USA	
Plant Locations; See attachment - List of plant addresses	
Category of Fittings to be registered. Circle one Category only A Pipa fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all fine valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on botters, 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 CNSC or ASME requirements) Show Manufacturers Name, Trademark, or Logo as it will appear on the product	Title of the Standard of Construction ASME B31.3 Type of Construction Forged D Welded D Wrought of
ROSEMOUNT*	Cast D Other D Describe other:
List of supporting documentation and identification of the actual items to be registered	<u> </u>
(1) Design Explanation for MS models(2) Scope of Registration(3) Previously ABSA stamped design registration for reference	
my knowledge represents the product for which registration is sought. The dimensions, meteric ratings, and identification markings are in accordance with the herein named standards. I furth fittings is regulated by a Quality Control Program which extends to each plant where fabrication verified by DNV GL. as being suitable for that purpose and I make this believing it to be true, and knowlng that it is of the same force and effect as if made under oath. Signature of Declarer: Declared before me at Source AD 2018 Commissioner of Oaths Or Notary Public: (sign) Source AD 2018 This space for Regulatory Authority use	as of construction, pressure temperature er declare that the manufacture of these occurs in whole or in part and has been solemn declaration conscientiously LAURA LEE GUTHERY Notary Public Minnesota My Corum Excital Scal
This registration must be revalidated after ten (10) years from the date of a CRN: OF00792.2 ADD20 FID#: 15738 Notes: 1. All Fittings shall be registered in the name of the Manufacturer. 2. Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The Declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality Control programs shall be resubmitted for validation. This registration must be revalidated after ten (10) years from the date of a control of a c	12.28ADDOO

New	Brunswick
Nuns	avut

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11/2018

The Declaration shall be made by the person having full authority and

responsibility for the quality of the end product. Quality Control programs shall be resubmitted for validation.

Nova Scotia Yukon

Prince Edward Island Northwest Territories

Newfoundland and Labrador

	Additives: Tellfolies	
	Manufacturers Name: Micro Motion Inc	
	Manufacturers Address: 12001 Technology Dr. Eden Preirie, MN 55344, USA	
	Plant Locations: See attachment - List of plant addresses	
	Category of Fittings to be registered. Circle one Category only A Pipe fittings, including couplings, tees, elboys, Ys. plugs, unions, pipe case or reducers	Title of the Standard of Genstruction
	B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblina: all types	ASME B31.3
	F Measuring devices, including pressure dauges, level pauges, sight plasses, levels or pressure	
	G Certified capacity-faled presente trillef devices accentable as primary gives reposite accentance of	
	bollers, pressure vessels, piping and fusible pluge H Pressure retaining components that do not fall into one of the above categories	,
	N Nuclear componente: Class 1 🗆 Class 2 🗅 Class 3 🔾 (Meeting CNSC or ASME requirements)	
	Show Manufacturers Name, Trademark, or Logo as it will appear on the product	Type of Construction
		Forged o Welded o Wrought o
	ROSEMOUNT'	Cast Other O Describe other:
ŀ	List of supporting documentation and identification of the actual items to be registered	1:
- 1	(1) Design Explanation for MS models	
	(2) Scope of Registration	
-	(3) Previously ABSA stamped design registration for reference	
	(0) From a significant for reference	
- [
-	y	
-		
-	eclaration:	
١.	Mark Fielpla (905 note s) employed by Micro Motion Inc and	being the person having full authority
81	and responsibility for the quality of the end product do solemnly declare that the information con y knowledge represents the product for which registration is sought. The dimensional product for which registration is sought.	Italined in this form is true to the best of
re.	lines and identification markings are in secondary with the bought.	is of construction, pressure temperature
fit	tlings, and identification markings are in accordance with the herein named standards. I further the standards of the standar	or declare that the manufacture of these
VB	rifled by DNV 6. as being suitable for that purpose and imake this	occurs in whole or in part and has been
pe	lieving it to be true, and knowling that it is of the game force and effect as if made under oath.	scientific deciaration conscientiously
	gnature of Declarer: While the	LAURA LEE GUTHERY
	iclared before me at Emensora, Elen Prairie, MN USA	Notary Public Minnesota
Th	ls /3 day of <u>Viccinius</u> AD 2018 mmissioner of Oaths/	CHE THE THE BEI
	Notary Public: (sign) Saula Los Ostalles	KE CELEBRITY
	(Affix Official seal to the right)	· ·
	This space for Regulatory Authority use.	
	This registration must be revelidated after ten (10) years from the date of a	cceptance.
CI	RN: 0F00792.2 ADD20 ACCEPT	
FI	D#: 15738 PROVINCE OF FRINCE E	
	COMMUNITIES, LAND &	
1,		
2.		92.29 Add 20
	and one copy of supporting documentation.	1.7/19

INSPECTION SERVICES SECTION

BOILER/PRESSURE VESSEL BRANCH 1.0 - Finings Rev.2

New Brunswick Nunavut	Nova Scotia Yukon	Prince E Northwe	dward Island st Territories	Newfoundland and Labrador	_
Manufacturers Na	me' Micro Mollon Inc				
Manufacturers Add	Gress: 12001 Technology Dr. Eden P	rairie, MN 55344	USA		
Plant Locations: Sec	e attachment - List of plant addresses				
	y of Fittings to be registered grouplings, lees, elbows, Ys, plu	d. Circle on	e Category only	Title of the Standard	d of
		ugs, unions, pi	pe caps, or reducers	Construction	<u>u </u>
C Valves: all line valves D Expansion joints, flex	sible connections and hore acco	mblice: all time		ASME B31.3	
i E Subiliers, miers, sept	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				
				1	
G Certified capacity-rate	ed pressure relief devices accepta els, piping and fusible plugs	able as priman	over pressure protection on	1	
	mponents that do not fall into one				
N Nuclear components:	Class 1 Class 2 Class 3	ITI /Meeting	CNICC ACME	2)	
Show Manufacturers	Name, Trademark, or Logo	as it will ap	pear on the product	Type of Construction	
				Forged E Welded () Wrot	ughto
1 1 1	SEMOUN			Cast D Other D Describe other:	
List of supporting do	cumentation and identifica	tion of the a	ctual items to be register	red:	***************************************
(1) Design Explan	nation for MS models		To be region.		
(2) Scope of Regi	stration				
(3) Previously AB:	SA stamped design re	gistration	for reference		
	, , , , ,	3.0	ioi ioio/elice		
Declaration:					
and responsibility for the	(see note 3) employ			nd being the person having full aut	hority
my knowledge represents	the product for which registr	ation is soud	ht. The dimensions mate	nd being the person having full aut contained in this form is true to the rials of construction, pressure tem	best of
fittings, and identification i	markings are in accordance	with the here	in named standards. I furt	rials of construction, pressure tem ther declare that the manufacture of	perature
Ventiled by DNV GL	as bathan		Pient where labileatil	occurs in whole or in part and h	as been
believing it to be true, and	knowing that it is of the same	e force and e	ffect as if made under oat	ns spiemn declaration conscientiou h.	usly
Signature of Declarer:	Male to	_		LAURA LEE GUTHERY	
Declared before me at	merson. Eden E.	rairie, m	NUSA	Notary Public	
This day of <u>&</u>	December AD 20	0/8		Minnesota My Comm. Expires	
Commissioner of Oaths/	1 101		200	Pace III The Control Scial	
Or Notary Public: (sign)	WHA KOO ON LA	oses	Mauri	rae OSSIBILITA	
, .	(Affix Official seal to the right) (7)/			
	This s	pace for Regul	a ory Authority use		
CRN: 0F00792.2	i his registration must be reva	alidated after to	er (1 m the date of	TUVAMUM	
FID#: 15738	_		Nunavut	Boilers and	
Notes All Fittings shall be registered			1 MINUAUL	Pressure Vessels Act	
2. Each Category shall be supp	d in the name of the Manufacturer, corted with two Statutory Declaration		REG	ISTERED	
and one copy of supporting d	locumentation		1		
The Declaration shall be mad responsibility for the quality or	ie by the person having full authority	and		192,2NAdd20	
	If be resubmitted for validation.		Date Febo2	1,2019	
11/2016			Signed	Mices Asect 10 - Fittings Rev.	
71/2010			Chia	Inspector	
			Онте	Hohector	
			Territorial D	egistration Fee	
		1	romitorial R	cylstration Fee	

New Brunswick Nunavut

Nova Scotia

Prince Edward Island

Newfoundland and Labrador

	Northwest Territories	
	Manufacturers Name; Micro Mollon Inc	
	Manufacturers Address: 12001 Technology Dr. Eden Prairie, MN 55344, USA	
	Plant Locations: See attachment - List of plant addresses	
	Category of Fittings to be registered. Circle and Category	
	A tipe minings, including couplings, tees, eldows. Ye bling unions close cook extending	Title of the Standard of
	B Flanges: all flanges C Valves: all line valves	Construction
	D Expansion joints, flexible connections, and hose assemblies: all types	ASME B31.3
	E Qualitia, littera apparainte and diagna franc	301.5
i	F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters	ł
- 1	G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on	
- 1		*
	H Pressure retaining components that do not fall into one of the above categories	1
L	N Nuclear components: Class 1 🗆 Class 2 🗀 Class 3 🗇 , (Meeting CNSC or ASME requirements)	ľ
	Show Manufacturers Name, Trademark, or Logo as it will appear on the product	Turn / 0
	The product	Forged D Welded D Wrought D
- 1	DACELLAI INT	Cast p Other o
- 1	ROSEMOUNT'	Describe other:
L		
	list of supporting documentation and identification of the actual items to be registered	1.
10	Design Explanation for MS models	<u> </u>
- 17	2) Scope of Registration	
	2) Scope of Registration	
10	3) Previously ABSA stamped design registration for reference	
L		
De	claration:	
I_M	erk Fielgle (see note 3) employed by Micro Motion Inc	
and	responsibility for the quality of the and and and	being the person having full authority
my	knowledge represents the product for which	turned in this form is true to the best of
rati	ngs, and identification markings are in accordance with the herein named standards. I further the importance of the property o	of declare that the manufacture of the
veri	rigs is regulated by a Quality Control Program which extends to each plant where fabrication fied by pov GL so being suitable for that purpose and I make this	occurs in whole or in part and has been
beli	as being suitable for that purpose and I make this aving it to be true, and knowing that it is of the same force and effect as if made under oath.	solemn declaration conscientiously
	Office of the control	
Sigr	nature of Declarer:	AURA LEE GUTHERY
Dec	lared before me at Emerson, Eden Prairie, MN USA	Notary Public
This	13 day of December AD 2018	Minnesota My Comm. Explan
Com	missioner of Oaths/	ce in the Chical Schi
		HO CENTERONS
Ot N	otary Public: (sign) Naula Ros Ore Meser	41.67
	(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 a	Centance
CR	N: OF00792.2 ADD20	
FID	#:15738	16300
		,
Note:	Modhudat	· k
1. 2.	All Fittings shall be registered in the name of the Manufacturer.	_ \
	Each Category shall be supported with two Statutory Declaration forms REGISTERE and one copy of supporting documentation.	
3.	The Declaration shall be made by the person having full authority and responsibility for the quality of the end product.	RITY OF

11/2016

Quality Control programs shall be resubmitted for validation.

PILER AND PRESSURE VESSEL ACT.

Sect 1.0 - Fittings Rev.2

New Brunswick Nunavut	Nova Scotia Yukon	Prince Edward Island Northwest Territories	Newfoundland and Labrador
Manufacturers Na	MC' Micro Mation Inc		
	dress: 12001 Technology Dr. Eder	Prairie, MN 55344 USA	
Plant Locations: se	e attachment - List of plant addresse.	5	
B Flanges: all flanges C Valves: all line valve	ng couplings, tees, elbows, Ys,	red. Circle one Category only plugs, unions, pipe caps, or reducers	Construction
E Strainers, filters, sep	xible connections, and hose as arators, and steam traps ncluding pressure gauges, leve	semblies: all types el gauges, sight glasses, levels, or pr	ASME B31.3
G Certified capacity-rate boilers, pressure vess H Pressure retaining co	sels, piping and fusible plugs emponents that do not fall into		
N Nuclear components	: Class 1 □ Class 2 □ Clas	s 3 , (Meeting CNSC or ASME red	uuirements)
Show Manufacturer	s Name, Trademark, or Lo	ogo as it will appear on the pro	duct Type of Construction
	SEMOU		Forged D Welded D Wrought D Cast D Other D Describe other:
List of supporting de	ocumentation and Identifi	cation of the actual items to be	registered:
(1) Design Expla	nation for MS model	S	
(2) Scope of Reg	istration		
(3) Previously AB	BSA stamped design	registration for reference	•
Declaration:	(see note 3) emp	ployed by Micro Motion Inc	and being the name to the state of the state
and responsibility for the my knowledge represent	quality of the end product	do solemnly declare that the info	and being the person having full authority mation contained in this form is true to the best of ons, materials of construction, pressure temperature
ratings, and identification fittings is regulated by a	n markings are in accordan	ce with the herein named standa	ons, materials of construction, pressure temperature. I further declare that the manufacture of these
verified by DNV GL	as he	ing suitable for the training where	raphication occurs in whole or in part and has been
believing it to be true, an	d knowing that it is of the	ame force and effect as if made	under oath.
Signature of Declarer:	Male 1		LAURA LEE GUTHERY
Declared before me at \angle This $\underline{/3}$ day of	(1) (1)	Prairie, MN USA	Notary Public Minnesota Minnesota Minnesota
Commissioner of Oaths Or Notary Public: (sign)	Laura Las Al.	Yhan 5	TOWN YOU CONTROL
(-19.1)_	(Affix Official seal to the rigi	ht)	0
	Th	is enace for Boundates, Anthority	
CRN: 0F00792.2	This registration must be ADD20	revalidated after ten (10) years from	the date of acceptance.
FID#:15738			
Notes:			
All Fittings shall be register	ered in the name of the Manufactur	rer.	G BY
Each Category shall be su and one copy of supportin	apported with two Statutory Declars a documentation.	ation forms	CRN0F00792.2Y ADD20
 The Declaration shall be needed responsibility for the quality 	nade by the person having full auti y of the end product.	1	00/44/2010
	shall be resubmitted for validation.	-	DATE 02/11/2018 Sect 1.0 - Fitting & Rev.2
11/2016			Trumps rev.2