

9410 - 20 Ave N.W.

Edmonton, Alberta, Canada T6N 0A4

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

November 02, 2017

**Attention:** Tanya Francis

Email:tfrancis@tssa.org

TECHNICAL STANDARDS & SAFETY AUTHORITY

345 CARLINGVIEW DRIVE TORONTO, ON M9W 6N9

The design submission, tracking number 2017-06575, originally received on October 19, 2017 was surveyed and accepted for registration as follows:

CRN:

0F16900.52

Accepted on: November 02, 2017

Reg Type:

ADDITION TO ACC. FITTING

Expiry Date: June 26, 2024

**Drawing No.**: MODELS KM26,EC,MW05 MAGWAVE & ECONOLEV LMG100 **Fitting type:** LIQUID LEVEL GAUGES

Design registered in the name of : ABB INC

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

TSSA SR# 2175128

- Change of the manufacturing location and CRN ownership only. There is no change in design or the scope of registration.

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

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

Enclosed are stamped prints for your reference.

Sincerely,

Zana Padisar/jevil

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





In this space, show facsimile of

# STATUTORY DECLARATION Registration of Fittings

ı, Mı	r. Steve Hunsberger	Manager Quality Assurance	manufacturer's logo or trademark as it will appear on the fitting.
of	(name of applicant) ABB Inc.	(position title) (must be in a position o	f authority)
	(nam	e of manufacturer)	
ocate	ed at 125 East County Line F	Road, Warminster, PA, 18974 USA	4
		plant address)	
	lemnly declare that the fittings liste k one)		
		ASME B31.1 and B31.3 Standard (title of recognized North American Standard)	which specifies the dimensions,
	materials of construction, pressu	re/temperature ratings and identif	ication marking of the fittings, or
	are not covered by the provisions	of a recognized North American	standard and are therefore manufactured
	to comply with		as supported by the attached
	(title of code o	f construction or other applicable documen	t)
	data which identifies the dimensi-	ons, materials of construction, pre	ssure/temperature ratings and the basis
	for such ratings, and the marking	of the fittings for identification.	
furth	ner declare that the manufacture of	these fittings is controlled by a qu	ality control program which has been
erifie	ed by the following authority, DN\	/ GL Business Assurance s b	eing suitable for the manufacture of these
	s to the stated standard. The fitting		
9		, , , , , , , , , , , , , , , , , , , ,	
Cate	egory F	wief description of fittings)	
n eui	۱) pport of this application, the followin	orief description of fittings)	test data are attached:
	rt 0119-0002-SAR; Data Sheets fo		
repo	IT 0119-0002-SAIN, Data Sheets to	TRIVIZO, EG, EGOTIOIEV EIVIG 100 al	
DECL	LARED before me at WARMINS	TER Pain the COUNTY	of Bucks
his _	LARED before me at WARMINS (city)  day of (M)	$\frac{NE}{\text{onth}}$ , $\frac{2017}{\text{(Year)}}$	(province or state)
(prin		COMMONWEALTH OF PENNSYLVAN	
(piiii	(a Commissioner of Oaths or Notary		
(sign)	(a Commissioner of Oaths or Notary	Warminster Township, Bucks County Commission Expires April 20, 2019	(signature of applicant)
or A	ABSA Office Use Only:		
ITO	ES:		
	dard B51. Clause 4.2, and is accept	ted for registration in Category	ments of the Safety Codes Act and CSA
Regis	stration Number:	900.52	Facial. HALISAVI
Date	Registered: NOV 0	<b>2 2017</b> Expiry Date	(Signature of the Administrator/SCO)  : Jan 26, 7524

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.

**ORIGINAL CRN:** 

0F16900.5C

ABB MODELS REGISTERED:

KM26/EC/Econolev/MagWave

**REASON FOR CRN REVISION:** 

Original manufacturing location will cease production at the end of the year. Production is being moved to the following ABB location:

125 E. County Line Road Warminster, PA, USA 18974-4995

There is no change to the registered design; this is a change in manufacturing location only. The CRN needs to be revised such that the new manufacturing location has been added to the CRN and the owner of the CRN is changed to this location as well.

APCA .	
SAFETY CODES ACT - PROVINCE OF ALBERTA	
REGISTRATION OF FITTINGS	
REGISTRATION NO. 0 F 1 6 9 0 0 . 5	2
DWG. NO. or CAT. NO. As per about Scape	
TYPE OF FITTINGS Liquid Level Gauge	S
NOV 0 2 2017 Jan F.	
Date ZANA RADISAVLJEVIC, DESIGN SURVEYOR	



505 - 6th Street, Suite 200 New Westminster, BC V3L 0E1

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

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

November 8, 2017

Account #: 35231 Journal #: 69274

Attn: TANYA FRANCIS

Re: Application for Design Registration

The design, as detailed in your, TSSA SR# 2175138, for a Fitting is accepted for registration as follows:

Registered To: ABB INC

CRN:

0F16900.51

Drawing #: Data Sheets & Summary Report

#### Conditions Of Registration:

Liquid Level Gauges KM26, MW05, Magwave, EC Chamber & Econolev LMG100.

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:

Update of reg'n party+mfg loc'n per att'd scope sheet. No change in design or scope of registration. As required by CSA B51 4.2.1, this registration expires on June 26, 2024. This CRN is valid until the expiry date as long as the Manufacturer maintains a valid Q.C. program verified by an acceptable third-party agency until that date. Should the certification of the Q.C. program lapse before the expiry date, this registration shall become void.

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

#### SHARON PETERS

boiler.designregistration@technicalsafetybc.ca Design Administration

cc:

(PROD) 30400-20

GST #: 87391 2802 RT0001

**ORIGINAL CRN:** 

0F16900.5C

ABB MODELS REGISTERED:

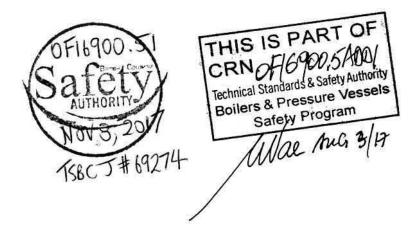
KM26/EC/Econolev/MagWave

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at a maximum interest of five (6) years.

MANUFACTURERS NAME:	NOVA SCOTTA	THE REGISTRA	
	YUKON	Paince Edward Island Northwest Territories	NEWFOUNDLAND AND LABRADOR
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MANUFACTURERS ADDRESS			
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	7717	ID.	Compression Finings
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01:01:01 p.m.

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**NEW BRUNSWICK** NUNAVUT

at a maximum interval of five (5) years.

**NOVA SCOTIA** YUKON

PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

10-31-2017

MANUFACTURERS NAME: ABB Inc. MANUFACTURERS ADDRESS: 125 East County Line Road, Warminster, PA, 18974 USA PLANT LOCATIONS: Pennsylvania, USA CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY TITLE OF THE STANDARD OF CONSTRUCTION A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges ASME B31.1 and B31.3 Standards C Valves: all line valves D Expansion joints, flexible connections, and hose essemblies: all types E Strainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, ploing and fusible plugs H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 🗆 Class 2 🗆 Class 3 🗀, (Meeting AECB or ASME requirements) SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT TYPE OF CONSTRUCTION FORGED | WELDED | WROUGHT | CART | OTHER | CAST D OTHER DESCRIBE OTHER: Compression Fittings LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: Report 0119-0002-SAR; Data Sheets for KM26, EC, Econolev LMG100 and MW05 MagWave **DECLARATION:** Mr. Steve Hunsberger ABB Inc. (see note 3) employed by and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by DNV GL - Business Assurance as being sultable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath. Signature of Declarer. COMMONWEALTH OF PENNSYLVANIA Declared before me at USETHI NOTARBALASIDALE FOR HE CHRISTINE FUREY, Notary Public Warmbrister Township, Bucks County day of Commissioner of Oaths My Commission Expires April 20, 2019 or Notary Public: (sign) (Affix Official seal to the right) This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance. OF16900.5 ADD1 15499 FID#: \_ 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

& REGULAT

NEW BRUNSWICK NUNAVUT

NOVA SCOTIA YUKON PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

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MANUFACTURERS NAME: ABB Inc.	
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Tellisylvalla, USA	
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DECLARATION:    Mr. Steve Hunsberger	e information contained in this form is true and to the best of dimensions, materials of construction, pressure herein named standards. I further declare that the ch extends to each plant where fabrication occurs in whole s being suitable for that purpose and I make this solemn the same force and effect as if made under oath.  COMMONWEALTH OF PENNSYLVANIA  U S E T H I NOTARRAIASEALE FOR HE CHRISTINE FUREY, Notary Public Warminster Township, Bucks County
Commissioner of Oaths Or Notary Public: (sign)  Austine  Fund	My Commission Expires April 20, 2019
(Affix Official seal to the right)	
This space for Regulatory A	uthority use
This registration must be revalidated after ten (10)	years from the date of acceptance.
CRN:OF16900.5_ADD1	Brunswick
FID#: 15499	DEPT OF PUBLIC SAFETY DOLLER & PRESSURE VESSEL ACT
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 at a maximum interval of five (5) years.	CAM OF 16900.57 Addl  EXAMPLER: Low Creen  for CHIEF BOILER INSPECTOR
	DATE: 10/27/2017
	BLRs PVs
	T FITTINGS COMPONENTS

NEW BRUNSWICK NUNAVUT

NOVA SCOTIA YUKON PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: ABB Inc.  MANUFACTURERS ADDRESS: 125 East County Line Road, Warming PLANT LOCATIONS: Pennsylvania, USA  CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE COUNTY APPROPRIES. All flanges 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,	
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Mr. Steve Hunsberger (see note 3) employed by ABB Inc. sponsibility for the quality of the end product do solemnly declare that y knowledge represents the product for which registration is sought. I mperature ratings, and Identification markings are in accordance with anufacture of these fittings is regulated by a Quality Control Program in part and has been verified by DNV GL — Business Assurance	the information contained in this form is true and to the best of The dimensions, materials of construction, pressure the herein named standards. I further declare that the which extends to each plant where fabrication occurs in whole
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claration conscientiously believing it to be true, and knowing that it is gnature of Declarer:  clared before me at WARMINSTEX PA  is	COMMONWEALTH OF PENNSYLVANIA  USETHINOTARBUASIOLE FOR HE CHRISTINE FUREY, Notary Public Warminster Township, Bucks County My Commission Expires April 20, 2019  y Authority use 10) years from the date of acceptance.  Newformalland Labrador Service NL Registered OF 16 900.50 410.  Date 17/10 627

## UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS **NEW BRUNSWICK NOVA SCOTIA** PRINCE EDWARD ISLAND NEWFOUNDLAND AND LABRADOR NUNAVUT YUKON NORTHWEST TERRITORIES MANUFACTURERS NAME: ABB Inc. MANUFACTURERS ADDRESS: 125 East County Line Road, Warminster, PA, 18974 USA PLANT LOCATIONS: Pennsylvania, USA CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY TITLE OF THE STANDARD OF CONSTRUCTION A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges ASME B31.1 and B31.3 Standards 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 on boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 🗆 Class 2 🗆 Class 3 🗔, (Meeting AECB or ASME requirements) SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT TYPE OF CONSTRUCTION FORGED | WELDED | WROUGHT | CAST | OTHER & DESCRIBE OTHER: Compression Fittings LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: Report 0119-0002-SAR; Data Sheets for KM26, EC, Econolev LMG100 and MW05 MagWave **DECLARATION:** ABB Inc. Mr. Steve Hunsberger \_(see note 3) employed by\_\_ and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by DNV GL -- Business Assurance as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath. Signature of Declarer: COMMONWEALTH OF PENNSYLVANIA Declared before me at THI NOTARPALASKALE FOR HE CHRISTINE FUREY, Notary Public Warminster Township, Bucks County day of Commissioner of Oaths My Commission Expires April 20, 2019 or Notary Public: (sign) (Affix Official seal to the right) This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance.

CRN: <u>OF16900.5</u> ADD1

FID#: 15499

## 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 at a maximum interval of five (5) years.

CRV 0F16900.5Y ADD1

DATE 10/30/2017

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	ABB Inc.		
MANUFACTURERS ADDRESS;		ine Road, Warminster, PA, 18974 US	A
PLANT LOCATIONS:	Pennsylvania, USA		
CATEGORY OF FITTIN	THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN	ED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
		gs, unions, pipe caps, or reducers	
C Valvas: all line valves D Expansion joints, flexible conne E Strainers, filters, esparators, an F Measuring devices, including proposure transmitters	nd steam traps ressure gauges, level g re relief devices accept ng and fuelble plugs	auges, sight glasses, levels, or	ASME B31.1 and B31.3 Standards
		(Mooting AECB or ASME requirements)	
		OGO AS IT WILL APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION
			FORGED O WELDED O WROUGHT O CAST O OTHER B DESCRIBE OTHER:  Compression Fittings
LIST OF SUPPORTING DOCUME	N'SATION AND IDENT	IFICATION () F THE ACTUAL ITEMS TO BE R	FGISTEREN.
y knowledge represents the promperature ratings, and identifications is resident and has been verified by	oduct for which regist ation markings are in equiated by a Quality by DNV GL Busin	emnly declare that the information contained tration is sought. The dimensions, material accordance with the herein named stands. Control Program which extends to each places Assurance as being suitable for the knowing that it is of the same force and elements.	is of construction, pressure ards. I further declare that the lant where fabrication occurs in whole lat purpose and I make this solemn fect as if made under oath.
7.	ENSIN STER		ALTH OF PENNSYLVANIA
is b day of 54	Control of the Party of the Par	677 CHRISTINE Warminster	OTARIAL SCALE FOR THE FUREY, Notacy Public Township, Bucks County on Expires April 20, 2019
	x Official soal to the rigi	no -	
	This	space for Regulatory Authority use	-
This region RN:OF16900.5_A  Diff:15499  Dies: All fittings shall be registered in the Each category shall be supported from and one copy of supporting do The declaration shall be made by sponsibility for the quality of the en Quality control programs shall be a maximum interval of five (5) year	etration must be rever DDI  The name of the Manufact With two Statutory Decoumentation, the person having full a d product, resubmitted for validation	UNC THE	Northwest Territories REGISTERED DER THE AUTHORITY OF BOILER AND PRESSURE VESSEL ACT.  N. OF 16900-57 ADD 1

# 55/ 58

To:ACI Central ;8678730117

10-30-17;03:24 ;From:

NUNAVUT	YUKON	NORTHWEST TERRITOR		OR
MANUFACTURERS NAME:	ABB Inc.			
MANUFACTURERS ADDRESS	: 125 East County Li	ne Road, Warminster, PA, 1	8974 USA	
PLANT LOCATIONS:	Pennsylvania, USA	e in the Control of the access and activities and the access and a		
CATEGORY OF FITT	INGS TO BE REGISTER	D. CIRCLE ONE CATEGORY ON	LY TITLE OF THE STANDARD OF CONSTRU	JCTION
B Flanges: all flanges C Valves: all line valves D Expansion Joints, flexible cor E Strainers, filters, separators, F Measuring devices, including pressure transmitters	anections, and hose assement and steam traps pressure gauges, level gauge relief devices accepta		ASME B31.1 and B31.3 Stan	ıdard
H Pressure retaining componer	its that do not fall into one			
A		J, (Meeting AECB or ASME require		
	AB	OGO AS IT WILL APPEAR ON THE	FORGED WELDED WROUGHT CAST OTHER ADDESCRIBE OTHER:  Compression Fittings	1
		FICATION ()F THE ACTUAL ITEM EC, Econolev LMG100 and	The state of the s	
ny knowledge represents the pemperature ratings, and identificantificature of these fittings is fir in part and has been verified leclaration conscientiously belongerature of Declarer:	product for which registr fication markings are in regulated by a Quality by_DNV GL Busing	emnly declare that the information ration is sought. The dimension accordance with the herein nar Control Program which extends ess Assurance as being suit knowing that it is of the same for the same	and being the person having full authority in contained in this form is true and to the best, materials of construction, pressure ned standards. I further declare that the to each plant where fabrication occurs in what is able for that purpose and I make this solemning and effect as if made under oath.	est of
Peclared before me at White before me at State of State o	UNE ADZI	N USE	THI NOTARIALASIALE FOR THE CHRISTINE FUREY, Notary Public aminster Township, Bucks County	
commissioner of Oaths  Notary Public: (sign)	ustere for	My My	commission Expires April 20, 2019	
(/	Affix Official seal to the righ			en announce and
This re		space for Regulatory Authority use lidated after ten (10) years from	the date of acceptance	
CRN: <u>0F16900.5</u>			Post is and recession and the Act	
FID#: 15499	* 1 D D I	Numeral	Continue of the second	
Notes:  1. All fittings shall be registered in 2. Each category shall be supportions and one copy of supporting 3. The declaration shall be made responsibility for the quality of the 4. Quality control programs shall if at a maximum interval of five (5) y	ed with two Statutory Dec documentation. by the person having full a end product. be resubmitted for validation	Date OCH and Signed on	9900.5 NAdd1	
		Territorial	Registration Fee	

Inspection and Technical Services Manitoba

508 - 401 York Avenue
Winnipeg Manitoba R3C 0P8
T (204) 945-3373
F (204) 948-2309
www.firecomm.gov.mb.ca/codes\_steam\_pressure.html

January 5, 2018

TSSA 345 Carlingview Drive Toronto, ON M9W 6N9

Attn: Tanya Francis

#### REGISTRATION OF VALVES AND FITTINGS

Manufacturer: ABB Inc.

The design(s) for the following Valves/Fittings has been received by us and has been examined and accepted for registration in the Province of Manitoba as follows.

DRAWING / CATALOGUE	CRN	FILE
Change of MFG location	0F16900.54	38400

An invoice covering survey and registration fees is enclosed.

### NOTES:

1. CRN registered under reciprocal agreement & is conditional based on compliance with the notes set by the original issuing Jurisdiction: TSSA. This registration expires June 26, 2024.

This registration is valid until the indicated expiry date only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date. Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

The registration of this design does not relieve the manufacturer, the owner or his agent of the responsibility for the design or construction of a fitting in accordance with the applicable Acts, Codes and Standards. Inspection and Technical Services assumes no responsibility by registering designs, examining plans and/or inspecting equipment or facility.

Regards,

Ryan Orlesky, C.E.T.

Design Surveyor

Office of the Fire Commissioner

Inspection and Technical Services Manitoba

508 - 401 York Avenue

Winnipeg, Manitoba, R3C 0P8

Phone: 204-945-3373

Email: ryan.orlesky@gov.mb.ca



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



## STATUTORY DECLARATION Registration of Fittings I. Mr. Steve Hunsberger, Manager Quality Assurance (Name and Position, e.g. President, Plant Manager, Chief Engineer) of ABB Inc. Located at 125 East County Line Road, Warminster, PA, 18974 USA 215-674-6000 215-674-7183 (Telephone No.) (Fax No.) (Plant Address) do solemnly declare that the fittings listed hereunder, which are subject to the Technical Standards and Safety Act, Boilers and Pressure Vessels Regulation, comply with all of the requirements of ASME B31.1 and ASME B31.3 (Title of recognized North American Standard) which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service; or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with as supported by the attached data which identifies the dimensions, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service. I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001:2008 which has been verified by the following authority, DNV GL -- Business Assurance The items covered by this declaration, for which I seek registration, are category F -- Measuring Devices type fittings. In support of this application, the following information and/or test data are attached as follows: Report 0119-0002-SAR; Data Sheets for KM26, EC, Econolev, MW05 MagWave (drawings, calculations, test reports, etc.) Declared before me at WARMINSTER PA in the COUNTY of BUCKS 16 day of JUNE AD 20 17. Commissioner for Oaths: CONWEALTH OF PENNSYLYANIA NOTARIAL SEAL WEMPISTINE FUREY, Notary Public Warminster Township, Bucks County (Signature of Declar re My Commission Expires April 20, 2019 FOR OFFICE USE ONLY To the best of my knowledge and belief, the application meets the requirements of the Office of the Fire Inspection & Technical Services Technical Standards and Safety Act, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category Manitoba CRN: Registered by: Dated:

<sup>\*</sup>Information provided in this application is releasable under the Freedom of Information and Privacy Protection Act and may be disclosed upon request.





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



STATUTORY DECLARATION					
Registration of Fittings					
Mr. Steve Hunsberger, Manager Quality Assurance					
(Name and Position, e.g. President, Plant Manager, Chief Engineer)					
of ABB Inc.					
(Name of Manufacturer)					
Located at 125 East County Line Road, Warminster, PA, 18974 USA 215-674-6000 215-674-7183					
Located at   125 East County Line Road, Warminster, PA, 16974 USA   215-674-0000   215-674-7105   (Fax No.)					
do solemnly declare that the fittings listed hereunder, which are subject to the <i>Technical Standards and Safety Act</i> , Boilers and Pressure Vessels Regulation, comply with all of the requirements of ASME B31.1 and ASME B31.3					
(Title of recognized North American Standard) which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;					
or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with as supported by the attached data which identifies the dimensions, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.					
I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001:2008					
which has been verified by the following authority, DNV GL Business Assurance  The items covered by this declaration, for which I seek registration, are category F Measuring Devices type fittings. In support of					
this application, the following information and/or test data are attached as follows:					
Report 0119-0002-SAR; Data Sheets for KM26, EC, Econolev, MW05 MagWave					
(drawings, calculations, test reports, etc.)					
Declared before me at WARMINSTER PA in the COUNTY of BUCKS					
the					
Commissioner for Oaths:					
COMMONWEALTH OF PENNSYLVANIA  (Printed name) NOTARIAL SEAL  (CHRISTINE FUREY, Notary Public  (Signature)  (Signature)  (Signature)  (Signature of Declarer)					
FOR OFFICE USE ONLY					
To the best of my knowledge and belief, the application meets the requirements of the  Technical Standards  Boilers and					
Technical Standards and Safety Act, Boilers and Pressure Vessels Regulation, and and Safety Pressure Vessels					
CSA Standard B51 and is accepted for registration in Category Authority Safety Program					
CRN: REGISTERED					
Registered by: MANU VALCIC, P.ENG.  C.R.N.O. 16900.5ADDI					
Dated: AuG. 3, 2017 Signed: Wall					
NOTE: This registration expires on: Jawe 26, 2014 Date: Aug. 3, 2017					

<sup>\*</sup>Information provided in this application is releasable under the Freedom of Information and Privacy Protection Act and may be disclosed upon request.

**ORIGINAL CRN:** 

0F16900.5C

ABB MODELS REGISTERED:

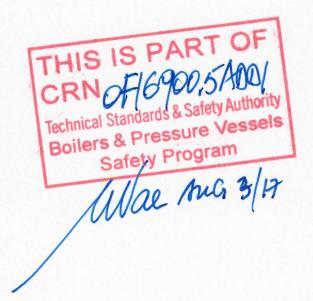
KM26/EC/Econolev/MagWave

**REASON FOR CRN REVISION:** 

Original manufacturing location will cease production at the end of the year. Production is being moved to the following ABB location:

125 E. County Line Road Warminster, PA, USA 18974-4995

There is no change to the registered design; this is a change in manufacturing location only. The CRN needs to be revised such that the new manufacturing location has been added to the CRN and the owner of the CRN is changed to this location as well.



### Régio du bâtiment Québec 53 53

REGISTERED © CSA Group CRN: CSA -OF 16900.56ADD

Statutory Declaration Registration of Fittings



(a) Design Qualification	CSA Group per CSA	B51 in the control of
Mr. Steve Hunsberger		Registration Process administered by
Manager Quality Assurance	The state of the state of	Losa Grana per CSA B51
	(Position eg, president, plant mar	
Of ABB Inc.		
	(name of compan	y)
Located at 125 East County Line	e Road, Warminster, PA, 18974 L	JSA
	(plant address)	Technical Review performed per CSA B51
do solemnly declare that the fittings lis	sted hereunder, which are subject to t	he Boilers & Pressure Vessels Act: ) 9//A . vd bermone
comply with all the requiremen		ir dimensions, material, identification & service for which are
required: Or		Signed:Signed:
are not covered by the provision	ons of the ANSI/ASME codes, and are	therefore constructed to comply with
data.	tandard, and are designed to the best	current engineering practice, as shown by the supporting test
The fittings <sup>2</sup> covered by this declaration  In support of the application, the follow Report 0119-0002-SAR; Data Sheets for K	on, for which I seek registration, are	
1. 11 11 11/1/	NSTER MA	AND
In the of COUNTY CONTROL OF THE 16 Day of TUNE  A (commission for	of <u>BUCKS</u> AD 19 <u>2</u> 011	Melt 6-
In the of COUNTY C	of <u>BUCKS</u> AD 19 <u>2</u> 011	NOTARIAL SEAL CHRISTINE FUREY, Notary Public Warminster Township, Bucks County My Commission Expires Agril 20, 2019  Signature of Declarer

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

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

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

REGISTERED

**Technical** 

2202 2nd Ave.

Regina, SK S4R 1K3 Toll Free: (866)530-8599 FAX: (306)787-9273 Toll Free: (866)760-9255

Email: boilerpermits@tsask.ca Website: www.tsask.ca

Technical
Safety Authority

FAX: (306)787-927

of Saskatchewan

Registration Process administered by Statutory Decla Cathor (Regneration of Hittings)

		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	15K-1008
I. Decl	aration Information		THE ALL
, Mr.	Steve Hunsberger		In this space, show facsimile of
	ager Quality Assurance	administered by RS1	manufacturer's logo or trademark as it will appear on the fitting.
(m	(company title, e.g. vice president, plant manag ust be in a position of authority in the manufacturing plan		ACU 130 (17: 17)
of: ABE	B Inc.	3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	(name of manufacturer		
located a		Warminster, PA, U	JSA 18974 (Postal Code)
	(Plant Address – Apt/Street)  Inly declare that the fittings listed hereinung  afety Act (check one)	(City,Prov) der, which are subject to the <b>Saskat</b> [28 A20 190 be	
	emply with the requirements of ASME B3  (title of recognaterials of construction, pressure / temperate	31.1 and ASME B31.3 which inized North American Standard)	specifies the dimensions,
O Ar	e not covered by the provisions of a recogr	nized North American standard and	
da	ta which identifies the dimensions, materia such ratings, and the marking of the fitting	ls of construction, pressure / temper	
verified b of these t ISO 900 In suppor	leclare that the manufacturer of these fitting the following authority, DNV GL Bustitings to the stated standard. The fittings of 1:2008  t of this application, the following information of the stated standard.	covered by this declaration, for whice on, calculations and / or test data are	suitable for the manufacturer h I seek registration, are e attached:
II. Dec	The state of the s		21246
DECLAR	ED before me at WARMINSTER PA	In the COUNTY	of BUCKS
(Offint na	day of CONSTRUCTALTH OF PENN:  NOTARIAL SEAL CHRISTINE FUREY, Notary Warminster Township, Buck My Commission Expires April a of Commissioner of Ochs)	Public (Signature)	4
III. Office	e Use Only		
To the best CSA B51, CSA	t of my knowledge and belief, the application m Clause 4.2, and is accepted for registration in C - OF 16900.56 ADD 1 tion Number)	category  (Date Registered HMM DD YYYY)  (For the Administrator Chief Inspector)	



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

www.tssa.org

August 03, 2017

RICHARD COOK INR ENGINEERING LTD. 115 EATON ST. GEORGETOWN ON L7G 5T3 CA

Service Request Type: BPV-Fitting Registration

Service Request No.: 2130310

Your Reference No.: COMPANY NAME/ADDRESS CHANGE ONLY

Registered to: ABB INC

Dear RICHARD COOK,

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

CRN No.: 0F16900.5ADD1

Main Design No.: ADD1: Change of the manufacturing location and CRN ownership only. There is no

change in design or the scope of registration.

Expiry Date: 26-Jun-2024

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

The stamped copy of the approved registration and the invoice are mailed separately. Should you have any questions or require further assistance, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly.

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

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

C.R.N. C.F.P. OF 16400. S6400

Signed:

178 Rextate Boulevard, Toronto, ON Canada M9W 1R3

**ORIGINAL CRN:** 

0F16900.5C

ABB MODELS REGISTERED:

KM26/EC/Econolev/MagWave

**REASON FOR CRN REVISION:** 

Original manufacturing location will cease production at the end of the year. Production is being moved to the following ABB location:

125 E. County Line Road Warminster, PA, USA 18974-4995

There is no change to the registered design; this is a change in manufacturing location only. The CRN needs to be revised such that the new manufacturing location has been added to the CRN and the owner of the CRN is changed to this location as well.

ATTACHMENT TO

C.R.N.C. S.A. OF+6400. T. Signed:

178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

THIS IS PART OF CRN OF GOO, 5 ADD/
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program

Mac Aug 3/17