

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 #: 69270

Attn: TANYA FRANCIS

Re: Application for Design Registration

The design, as detailed in your, TSSA SR# 2175902, for a Fitting is accepted for registration as follows:

Registered To: ABB INC

CRN:

0F18255.51

Drawing #: Data Sheet: DS/TX-EN

**Drawing Revision: S** 

#### Conditions Of Registration:

TX Series of Thermal Dispersion Switches. Update of registration party+mfg location as per att'd scope sheet. 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:

No change in design or scope of registration. As required by CSA B51 4.2.1, this registration expires on February 16, 2026. This CRN is valid until the expiry date as long as the Manufacturer maintains a valid quality control program verified by an acceptable third-party agency until that date. Should the certification of the quality control program lapse before the expiry date, this registration shall become void.

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

#### SHARON PETERS

boiler.designregistration@technicalsafetybc.ca Design Administration

cc:

#### **SCOPE OF CRN REVISION**

**ORIGINAL CRN:** 

0F18255.513467890NYT

ABB MODELS REGISTERED:

TX

**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.



**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 GATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY THE STATE OF THE PARTY AND THE PARTY OF THE A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe cops, or reducers B Flanges: all flanges ASME B31.1 and B31.3 Standards C Valves: all line valves D Expension joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps F Measuring devices, including preasure gauges, level gauges, sight glasses, levels, or pressure transmitters G Centified capacity-rated pressure relief devices acceptable as primary over pressure protection on bollers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories N Nuclear components; Class 1 🗆 Class 2 🗆 Class 3 🗖, (Moeting AECB or ASME requirements) SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT TYPE OF CONSTRUCTION FORGED WELDED WROUGHT CAST DOWNER & DEBCRUBE OTHER: Compression Fittings LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: TX Switch Stress Analysis Report 0119-0007-SAR; Main Assembly Drawing TX-0000-1; Data Sheet TX-EN 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 <u>DNV GL -- Business Assurance</u>: 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 cath. Signature of Declarer: COMMONWEALTH OF PENNSYLVANIA WAR MINISTELL Declared before me at USETHIROTER BLASBALE FOR CHRISTINE FUREY, Notacy Public Warmingter Township, Bucks County 16 Thie . 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. ACCEPTED CRN: OF18255.5 ADD1 PROVINCE OF PRINCE EDWARD ISLAND COMMUNITIES, LAND & ENVIRONMENT FID#: 15499 C.R.N.\_

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.

201 DATE: Oct 27

INSPECTION SERVICES SECTION BOILER/PRESSURE VESSEL BRANCH

01:00:45 p.m.

20/28

**NEW BRUNSWICK** 

**NOVA SCOTIA** 

PRINCE EDWARD ISLAND

NEWFOUNDLAND AND LABRADOR

10-31-2017

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, less, 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 bollers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 Class 2 Class 3 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 2 DESCRIBE OTHER: Compression Fittings LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: TX Switch Stress Analysis Report 0119-0007-SAR; Main Assembly Drawing TX-0000-1; Data Sheet TX-EN **DECLARATION:** Mr. Steve Hunsberger (see note 3) employed by ABB Inc. and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true 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 MINS Declared before me ar THI ROTARBALASEALE FOR HE CHRISTING FUREY, Notary Bublic Warminster Township, Bucks County 16 Commissioner of Oaths My Commission Expires April 20, 2019 or Notary Public: (sign) 1 (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: OF18255.5 ADD1 FID#: \_\_ 15499

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NEW BRUNSWICK NUNAVUT

NOVA SCOTIA YUKON PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: ARR Inc	
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PLANT LOCATIONS	PA, 16974 USA
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CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY  A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or red  B Flanges: all flanges  C Valves: all line valves  D Expansion joints, flexible connections, and hose assemblies: all types  E Strainers, filters, separators, and steam traps  F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, pressure transmitters  G Certified capacity-rated pressure relief devices acceptable as primary over pressure	ASME B31.1 and B31.3 Standards
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commissioner of Oaths  r Notary Public: (sign)  (Affix Official seal to the right)	CHRISTINE FUREY, Notary Public Warminster Township, Bucks County My Commission Expires April 20, 2019
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	BLRS PVs
	17 FITTINGS COMPONENTS

NEW BRUNSWICK NUNAVUT NOVA SCOTIA YUKON PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

**NEWFOUNDLAND AND LABRADOR** 

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NEW BRUNSWICK NUNAVUT NOVA SCOTIA YUKON PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

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	B Inc.		
	East County Line Road, Wa	rminster, PA, 18974 USA	
A CONTRACTOR OF THE PROPERTY O	nsylvania, USA		CONTRACTOR
	O BE REGISTERED. CIRCLE OF		TITLE OF THE STANDARD OF CONSTRUCTION
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	ABB		FORGED WELDED WROUGHT CAST OTHER EDESCRIBE OTHER:  Compression Fittings
	Acti No. Man ton Mark Env		
LIST OF SUPPORTING DOCUMENTA	TION AND IDENTIFICATION OF 1	HE ACTUAL ITEMS TO BE RE	GISTERED:
TX Switch Stress Analysis Repor	COTTO-OUT -OAK, Main Ask	sembly brawing 174-0000-	, Data Sliect IX-LIV
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NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
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PLANT LOCATIONS:	Pennsylvania, USA		
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pressure transmitters G Certified capacity-rated press bollers, pressure vessels, pig H Pressure retaining componer	oure relief devices acceptable as ling and fissible plugs to that do not fall into one of the	primary over pressura protoction on	
		eding AECB or ASME requirements)	
SHOW MANUFACTURERS NAM	TRADEMARK OR LOGO A	SIT WILL APPEAR ON THE PRODUC	FORGED I WELGED I WROUGHT () CABT O OTHER B DESCRIBE OTHER: Compression Fittings
LIST OF SUPPORTING DOCUM	ENTATION AND IDENTIFICAT	ION OF THE ACTUAL ITEMS TO BE R	EGISTERED:
		fain Assembly Drawing TX-0000	
ny knowledge represents the pemperature ratings, and identificant and identification and has been verified ecleration conscientiously belignature of Declarer:  Declared before me at the day of the d	product for which registration fication markings are in according to a Quality Control by DNV GL Business Associated to be true, and knowledge of the control of the con	declare that the information contained is sought. The dimensions, material redance with the herein named stand of Program which extends to each passurance as being suitable for the same force and extends to the same force and the same force are s	ards. I further declare that the lant where fabrication occurs in whole hat purpose and I make this solemn
r Notary Public: (sign)	Affix Official seal to the right)	- Andrew Control of Co	
	This space	for Regulatory Authority use d after ten (10) years from the date	of acceptance.
CRN: OF18255.5 A			Figs of
			000
FID#: 15499			64.00
Notes:  1. All fittings shall be registered in the support of the supporting and one copy of supporting at the declaration shall be made responsibility for the quality of the supporting the same and t	led with two Statutory Declaration documentation. by the person having full authorised product. be resubmitted for validation	UNDER THE BOI	Northwest Territories REGISTERED THE AUTHORITY OF ILER AND PRESSURE VESSEL ACT.
		SIGNED	

To:ACI Central ;8678730117 # 21/ 26

10-20-1/103:74 1+LOW:

ONI ONI OTATI	DIORI DECENIONI	TOTAL OR THE REGIONS	ATION OF FITTING DESIGNS
NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	ABB Inc.	and a menungka migde at higher than a man god at manufage the processing to the control of the c	and a making of the Adams of Lines, who company the state of the adams
MANUFACTURERS ADDRESS:	125 East County Li	ne Road, Warminster, PA, 18974	USA
PLANT LOCATIONS:	Pennsylvania, USA		
CATEGORY OF FITTIN	IGS TO BE REGISTERE	D. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including coupling B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connu E Strainers, filters, separators, and F Measuring devices, including p pressure transmitters	ections, and hose assement steam traps	blies: all types	ASME B31.1 and B31.3 Standards
	g and fusible plugs	ole as primary over pressure protection or of the above categories	
		, (Meeting AECB or ASME requirements	
SHOW MANUFACTURERS NAME	TRADEMARK, OR LO	GO AS IT WILL APPEAR ON THE PRO	TYPE OF CONSTRUCTION  FORGED   WELDED   WROUGHT
	AB	R	CAST OTHER ED COMPRESSION Fittings
LIST OF SUPPORTING DOCUME	NTATION AND IDENTI	FICATION OF THE ACTUAL ITEMS TO	BE REGISTERED:
ny knowledge represents the premperature ratings, and identification annufacture of these fittings is reprinted in part and has been verified leclaration conscientiously believed and the premise of Declarer:	oduct for which registreation markings are in egulated by a Quality by DNV GL Busine ving it to be true, and FR MINSTER	mnly declare that the information con ation is sought. The dimensions, ma accordance with the herein named s Control Program which extends to eass Assurance as being suitable knowing that it is of the same force a COMMON SETH CHRIST THE CHRIST CHRIST CHRIST THE CHRIST	tandards. I further declare that the ich plant where fabrication occurs in whole for that purpose and I make this solemn
r Notary Public: (sign)	istine Yle	any com	mission expires April 20, 2017
(Aft	ix Official seal to the righ	00/	The second secon
This reg		space for Regulatory Author; (1) is a lidated after ten (10) years from the d	late of acceptance! NAVUT
CRN: 0F18255.5 AD	D1	Nunavut	Bollers and Proposed Vessels Act
FID#: 15499		2	The Source (12) State ACC
Notes:  1. All fittings shall be registered in the supported of the supported of the supporting downward one copy of supporting downward one copy of supporting downward of the supporting downward of the supporting the supporting the supporting downward of the support of th	d with two Statutory Deci ocumentation. y the person having full a nd product.	uthority and Signed	F18255. SWAdd1  + 27 2017
<ol> <li>Quality control programs shall be at a maximum interval of five (5) yes</li> </ol>		on	Cyfel Xi silon tai

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	0F18255.54	38404

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 February 16, 2026.

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 Ortesky, 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



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

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



# STATUTORY DECLARATION Registration of Fittings

Steve Huns	berger, Manager Quality Assurance		
	(Name and Position, e.g. President, Plant Manager,	Chief Engineer)	
f ABB Inc.			
	(Name of Manufacturer)		
ocated at 125	East County Line Road, Warminster, PA, 18974 USA	215-674-6000	215-674-7183
ocated at	(Plant Address)	(Telephone No.)	(Fax No.)
and Pressur	declare that the fittings listed hereunder, which are subject to re Vessels Regulation, comply with all of the requirements of .1 and ASME B31.3	o the <i>Technical Standard</i> of	ds and Safety Act, Boiler
8	(Title of recognized North American Stand	ard)	
which specific	ies the dimensions, materials of construction, pressure/temperature	ratings, identification marki	ng the fittings and service;
pressure/ten	overed by the provisions of a recognized North American star as supported by the attached data was supported by a quality system.	which identifies the dimension of the fitting for identification when the fitting the requirem	ons, material of construction and service.
	which has been verified by the following authority. DNV GL BI	usiness Assurance	
The items covered h	by this declaration, for which I seek registration, are category F M	easuring Devices	type fittings. In support of
his application, the f	following information and/or test data are attached as follows:		
TX Switch Stress	Analysis Report 0119-0007-SAR; Main Assembly Drawing	TX-0000-1; Data Sheet T	X-EN
	(drawings, calculations, test reports, e	tc.)	
heCommissioner fo	managements.	COUNTY	of Buck
	THE RESERVE OF THE PROPERTY OF THE PARTY OF	,	,
hrister	(Printed name)  NOTARIAL SEAL  CHRISTINE EUREY, Notary Public  Washinster Township, Bucks County  (Signature My Commission Expires April 20, 2019	(Signature of	Declared
	FOR OFFICE USE ONLY	Y	
o the best of my kr	nowledge and belief, the application meets the requirements of the	ne	
	rds and Safety Act, Boilers and Pressure Vessels Regulation, an	nd	
	and is accepted for registration in CategoryF	Technical Service	Office of the Fire Commissioner
4.5		Manitoba	
CRN:	\$50 000	Moni	toba SPR
1 E F	3 (4) (0)	PEC	ISTERED
Registered by:		ILEO	18255.54
Dated:	W Committee of the comm	Signed:	06
IOTE: This region	stration expires on: FEB 16, 2026	Date: JAr	10,000

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



Cecylia Garbacz, a Commissione, an City of Toronto, for the Technica: Standards & Safety Authority Expires June 17, 2020



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. (Name of Manufacturer) Located at 125 East County Line Road, Warminster, PA, 18974 USA 215-674-6000 215-674-7183 (Telephone No.) (Fax No.) 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: TX Switch Stress Analysis Report 0119-0007-SAR; Main Assembly Drawing TX-0000-1; Data Sheet TX-EN (drawings, calculations, test reports, etc.) Declared before me at WARMINSTER PA in the COUNTY of BUCKS the 16 day of JUNE AD 20 17. Commissioner for Oaths: COMMONWEALTH OF PENNSYLVANIA (Printed name) NOTARIAL SEAL CHRISTINE FUREY, Notary Public Warminster Township, Bucks County (Signature of Declarer) (Signature) My Commission Expires April 20, 2019 FOR OFFICE USE ONLY Technical Boilers and Standards To the best of my knowledge and belief, the application meets the requirements of the Pressure Vessels and Safety Technical Standards and Safety Act, Boilers and Pressure Vessels Regulation, and Safety Program Authority CSA Standard B51 and is accepted for registration in Category CRN: Registered by: Dated: NOTE: This registration expires on:

### **SCOPE OF CRN REVISION**

**ORIGINAL CRN:** 

0F18255.513467890NYT

ABB MODELS REGISTERED:

TX

**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.

THIS IS PART OF

CRNOF/8255.5 ADD/

Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety, Program

MCL Aug 2/17

#### Régie du bătiment Québec 🚟

## REGISTERED

CRN: CSA-OF18255. 56ADD

Statutory Declaration Registration of Feittings CSA Group per CSA B51

(a) Design Qu	ualification	L			
,1 Mr. Steve F	lunsberger	1.00	-11	u **-	1080
Manager Qual		·		<del></del> .	
	<del>, , , <u>, , , , , , , , , , , , , , , , </u></del>	(Position eg, president, p	lant manager, chief eng.)	0	cingaliter 2009 [1]
Of ABB Inc.			W =	100 F 100 C T	Turbé A257
	-	(name of	company)	report to report in the large and the second	
Located at 125	East County Line Roa	d, Warminster, PA, 18	1974 USA		
Localed at		(plant a	ddress)		
do solemniy decla	re that the fittings listed h	ereunder, which are subj	ect to the Boilers & Pr	essure Vessels Ad	ot:
comply with required:	all the requirements of	he ANSI/ASME codes a	s to their dimensions,	material, identifica	ation & service for which a
Or Tequiled.			177 360		Teamper Kevis
are not cov	ered by the provisions of	the ANSI/ASME codes,	and are therefore con-	structed to comply ering practice, as	withtensory
data.			Same and	12	
					- Ising I
(b) Quality co	ntrol of Manufactur	е	X 0 11 0		
	ne manufacture of these f	ttings is controlled by a	tuality control program	which complies w	ith the requirements of
ISO9001 2008		verified by the following		agency DNV GL -	- Dusiliess Assurance
The fittings <sup>2</sup> cover	ed by this declaration, for	which I seek registration	, are Category F		)
- 10					
In support of the a	application, the following in	nformation, calculations	and/or test data are att	ached:	
TX Switch Stress A	nalysis Report 0119-0007-S/	AR, Main Assembly Drawing		TX-EN <b>VEALTH OF PENN</b> !	EWI WANIA
Declared before n	ne at WARMINST	TER PA	COMMONY	NOTARIAL SEAL	PIEAVUIV
			CHRIST	THE FUREY, Notary	Public
	INTY of _			ter Township, Bucks Ission Expires April	
The 16 Day o	1 JYNE	AD 19 a	2017	Ission Expires April	20, 2017
The To Day o	9	7.5 15 5			0
Nusle	re Furey		1		7
	A (commissioner for oaths	)	/	Signature of D	eclarer
		Ear Officia	I Lies Only		
		r or Officia	ii Use Only		
The application CSA Standard I	is accepted for registratio 351.	n in Category	in accordance w	rith the Boilers and	Pressure Vessels Act and
	***				
This registration EXPIRY	must be revalidated afte	r ten (10 years from the	date of acceptance.		
Dogloterod Num	nber CRN CSA-O	F18255 544	ACSA.	Total R. F	BARNES
registered Mult	ibei CAN CON C	1.0000,00	Partie of the Partie	NOV .	10 . 2017
				-	45

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

<sup>2</sup> This form shall be completed and signed by the president of highest official in the manufacturing plan where the fitting is produced.



Three completed copied of Statutory Declaration form together with three copies of Catalogs, drawings of Bulletins illustrating 1 above fittings shall be submitted.

**REGISTERED** 

**Technical** Safety Authority

FAX: (306)788-79

of Saskatchewan Registration Process administered by

CRN: CSA-OF18255, 56 ADD 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 Deciaration (Registration of Fittings)

**TSK-1008** 

2202 2nd Ave.

Declara	tion Information			
Mr. Stev	ve Hunsberger	Ĭ		in this space, show facsimile of
Manage	er Quality Assurance		wi imissancongs \$	manufacturer's logo or trademark as it will appear on the fitting.
	(company title, e.g. vice presider	nt, plant manager, chief engir	neer)	A Richard Control of the Control of
•	e in a position of authority in the man	iufacturing plant where the fit	ung is produced)	
: ABB Inc		of manufacturer)	<del> </del>	7 110 10
cated at:	125 East County Line		Warminster, PA,	USA 18974
cateu at.	(Plant Address - Apt/Street)	11000	(City,Prov)	(Postal Code)
	declare that the fittings listed by <b>Act</b> (check one)	d hereinunder, which	are subject to the Saska	atchewan Boiler and Pressure
	y with the requirements of	(title of recognized North A	merican Standard)	ch specifies the dimensions,
Materi	als of construction, pressure	e / temperature rating:	s and identification mark	king of the fittings, or
_	• •	of a recognized North		d are therefore manufactured
	ply with		1.0	as supported by the attached
			2322	erature ratings and the basis
	th ratings, and the marking are that the manufacturer of			
	e following authority, <u>DNV</u> gs to the stated standard. T 008			ng suitable for the manufacturer nich I seek registration, are
support of	this application, the following	g information, calcula	tions and / or test data	are attached:
TX Switch	Stress Analysis Report	t 0119-0007-SAR;	Main Assembly Dra	awing TX-0000-1; Data Shee
. Declara	THE RESERVE THE PERSON NAMED IN COLUMN TWO			Tiva Vic
ECLARED	before me at WARMINS		416 (42.5%)	of Bucks
(orint name)	CHRISTINE Warminster	LTH OF PENNSYLVANIA DTARIAL SEAL FUREY, Notary Public Fownship, Bucks County on Expires April 20, 2019	(Signature)	#>-
		3846		
II. Office l			wisements of the Deller-	and Dropping Mangal Calaby Act and
	my knowledge and belief, the a use 4.2, and is accepted for reg		junements of the Boiler a	nd Pressure Vessel Safety Act and
CSA -	OF 18255.56	ADTI AS	DV 10 2017	FEB · 16 · 2021 (Expiry Date - MM DD YYYY)



345 Carlingview Drive Toronto, Ontano M9W 6N9 Tel 416 734 3300 Fax. 416 231 1626 Toll Free 1 877 682.8772

www.tssa.org

August 02, 2017

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

Service Request Type: BPV-Fitting Registration

Service Request No.: 2130238

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:

0F18255.5ADD1 CRN No.:

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

change in design or the scope of registration,

16-Feb-2026 Expiry Date:

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.

ATTACHMENT TO

Putting Public Safety First

Yours truly

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

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

178 Rexidale Boulevard, Toronto, QN Canada M9W 1R3

#### **SCOPE OF CRN REVISION**

**ORIGINAL CRN:** 

0F18255.513467890NYT

ABB MODELS REGISTERED:

TX.

**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. SA-OF/S-tt. SEADD/

Signed:

178 Rexdale Boulevard, Toronto, QN Canada M9W 1R3

THIS IS PART OF CRNOF/8255.5AD)
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety, Program

MCL Aug 2/17