



14th Floor, Centre Tower  
3300 Bloor Street West  
Toronto, Ontario  
Canada M8X 2X4  
Tel.: 416.734.3300  
Fax: 416.231.1626  
Toll Free: 1.877.682.8772  
[www.tssa.org](http://www.tssa.org)

September 30, 2015

Richard Cook  
INR ENGINEERING LTD.  
115 EATON ST.  
GEORGETOWN ON L7G 5T3  
CA

**Service Request Type:** BPV-Fitting Registration  
**Service Request No.:** 1706522  
**Your Reference No.:** 0119-0006  
**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 : 0F17975.5**

Main Design No.: DATA SHEET DS/RS85-EN REV N

**Expiry Date: 30-Sep-2025**

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

**Scope: RS85 Level switches.**

A stamped copy of the approved registration and invoice for engineering services will be mailed to you shortly. Should you have any questions or require further assistance, however, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail [customerservices@tssa.org](mailto: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,

Kaivan Kia P. Eng., PMP  
Mechanical Engineer, BPV  
Tel. : 416-734-3457  
Fax : 416-231-6183  
Email : [kkia@tssa.org](mailto:kkia@tssa.org)



TECHNICAL STANDARDS &  
SAFETY AUTHORITY  
14th Floor, Centre Tower  
3300 Bloor Street West  
Toronto, Ontario  
Canada M8X 2X4

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

ABB

## STATUTORY DECLARATION Registration of Fittings

I, Brian Miller, General Manager  
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of ABB, Inc.  
(Name of Manufacturer)

Located at 18321 Swamp Road, Prairieville, LA 70769 225-673-6100  
(Plant Address) (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 B31.3 Standards

(Title of recognized North American Standard)

which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fitting

☐ 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 vice.

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, Det Norske Veritas

The items covered by this declaration, for which I seek registration, are category F - Measuring Devices type fitting in support of  
this application, the following information and/or test data are attached as follows:

Calculations & Test Report# 0119-0006-SAR-0001; RS85-0000-1, RS85 Gen Arrangement Dwg

(drawings, calculations, test reports, etc.)

Declared before me at Prairieville, LA in the Parish of Ascension  
the 5th day of August AD 2015

Commissioner for Oaths:

Lisa L. Langlois

(Printed name)

Lisa L. Langlois

(Signature)



[Signature]

(Signature of Declarer)

### FOR OFFICE USE ONLY

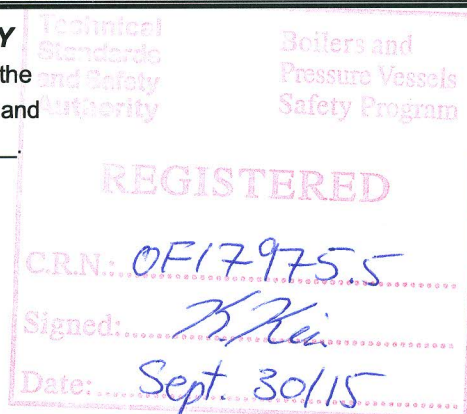
To the best of my knowledge and belief, the application meets the requirements of the  
**Technical Standards and Safety Act** Boilers and Pressure Vessels Regulation, and  
CSA Standard B51 and is accepted for registration in Category F

CRN: 0F17975.5

Registered by: K. Kia

Dated: Sept. 30/15

NOTE: This registration expires on: Sept. 30/2025





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

Toll Free: 1-866-566-SAFE  
Fax: (778) 396 - 2064  
www.safetyauthority.ca

TECHNICAL STANDARDS & SAFETY AUTHORITY  
14TH FLOOR CENTRE TOWER-3300 BLOOR STREE  
TORONTO ON M8X 2X4

**Date:** October 23, 2015  
**Account #:** 35231  
**Journal #:** 63835  
**Our File #:** 5558909

**Attn:** TANYA FRANCIS

**Re:** Application for Design Registration

The design, as detailed in your, TSSA SR No. 1738420, for a Fitting is accepted for registration as follows:

**Registered To:** ABB INC (K-TEK)

**CRN:** 0F17975.51

**MDMT:** -40 deg F

**MAWT:** 350 deg F

**MAWP:** 2000 psig

**Drawing #:** DS/RS85-EN, RS85 Gen Ass'y

**Drawing Revision:** N

**Conditions Of Registration:**

Registration of RS85 Level Switches.

This design was registered based on a technical review performed by the province of initial registration in accordance with the Association of Chief Inspectors policy on reciprocal recognition of design review.

**Reviewer's Notes:**

As required by CSA B51 4.2.1, this registration expires on September 30, 2025. 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@safetyauthority.ca  
Design Administration

**cc:**





**Celebrating 20 years  
1995 – 2015**

the pressure equipment safety authority

**9410 - 20 Ave N.W.  
Edmonton, Alberta, Canada T6N 0A4  
Tel: (780) 437-9100 / Fax: (780) 437-7787**

November 05, 2015

**Attention:** Tanya Francis  
TECHNICAL STANDARDS & SAFETY AUTHORITY  
3300 BLOOR STREET WEST  
14 FLOOR CENTRE TOWER  
TORONTO, ON M8X 2X4

The design submission, tracking number 2015-07514, originally received on October 19, 2015 was surveyed and accepted for registration as follows:

**CRN :** 0F17975.52

**Accepted on:** November 05, 2015

**Reg Type:** New Design

**Expiry Date:** September 30, 2025

**Drawing No. :** DATA SHEET: DS/RS85-EN Rev N

**Fitting type:** RS85 LEVEL SWITCHES

Design registered in the name of : ABB INC

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

TSSA SR# 1738400

- This registration has been issued:

1. Based on TSSA's review.
2. Based on the Association of Chief Inspectors Policy on Reciprocal Recognition of Design Review.

*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 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 Radisavljevic*

RADISAVLJEVIC, ZANA, R.E.T.





## STATUTORY DECLARATION Registration of Fittings

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



I, Brian Miller,

General Manager

(company title, e.g. vice president, plant manager, chief engineer) (must be in a position of authority)

of ABB Inc.

(name of manufacturer)

located at 18321 Swamp Road, Prairieville, LA 70769

(plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (check one)

☒ comply with the requirements of ASME B31.1 and B31.3 Standards which specifies the dimensions,  
(title of recognized North American Standard)

materials of construction, pressure/temperature ratings and identification 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 data which identifies the dimensions, materials of construction, pressure/temperature 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 program which has been verified by the following authority, Det Norske Veritas 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 Category F

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

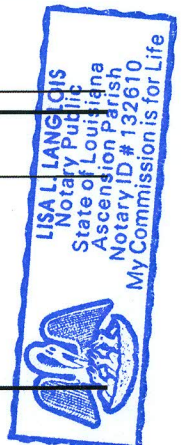
RS85 Calculations & Test Report #: 0119-0006-SAR-0001; RS85-0000-1, RS85 General Arrangement Drawing; DS\_RS85-EN, Data Sheet; FAB2171, RS Thread Detail; FAB2170, RS Tri-Clover Detail; FAB2169, RS WP Detail.

DECLARED before me at Prairieville, LA in the Parish of Ascension  
this 15th day of August, 2015  
(Month) (Year)

(print) Lisa L. Langlois

(sign) Lisa L. Langlois  
(A Commissioner for Oaths)

[Signature]  
(Signature of Applicant)



### For Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Clause 4.2, and is accepted for registration in Category F

Registration Number: OF 17975.52

Date Registered: NOV 05 2015

Expiry Date: SEP. 30, 2025

(For the Administrator/Chief Inspector of Alberta)



TECHNICAL STANDARDS &  
SAFETY AUTHORITY  
14th Floor, Centre Tower  
3300 Bloor Street West  
Toronto, Ontario  
Canada M8X 2X4

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

ABB

## STATUTORY DECLARATION Registration of Fittings

I, Brian Miller, General Manager  
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of ABB, Inc.

(Name of Manufacturer)

Located at 18321 Swamp Road, Prairieville, LA 70769

(Plant Address)

225-673-6100

(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 B31.3 Standards

(Title of recognized North American Standard)

which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fitting



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 trace.

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, Det Norske Veritas

The items covered by this declaration, for which I seek registration, are category F - Measuring Devices type fitting. In support of this application, the following information and/or test data are attached as follows:

Calculations & Test Report# 0119-0006-SAR-0001; RS85-0000-1, RS85 Gen Arrangement Dwg

(drawings, calculations, test reports, etc.)

Declared before me at Prairieville, LA in the Parish of Ascension  
the 5<sup>th</sup> day of August AD 20 15.



LISA L. LANGLOIS  
Notary Public  
State of Louisiana  
Ascension Parish  
Notary ID # 132610  
My Commission is for Life

Commissioner for Oaths:

Lisa L. Langlois

(Printed name)

Lisa L. Langlois

(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 and Safety Act** Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category F.

CRN: CSA-OF17975.56

Registered by: B. SANDHU

Dated: OCTOBER 26 2015

NOTE: This registration expires on: SEP 30 2025



CSA  
Group

REGISTERED

CRN: CSA-OF17975.56

Signed: Bikramjit Sandhu

Date: 26 Oct 2015

178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3



Saskatchewan  
Municipal  
Government

## Saskatchewan

Procedural Services  
330 - 1851 Victoria Avenue  
Regina, Saskatchewan  
S4P 3V7

787-4509

April 23, 1998

### Re: Fittings Registration

The Province of Saskatchewan will be participating with Quebec, Manitoba and the Canadian Standards Association (CSA) in a pilot project for the registration of fittings. We will recognize registrations done by CSA and accept such fittings for use in Saskatchewan.

The letters CSA will be applied as a prefix to the CRN to indicate which fittings have been registered in this manner. I would appreciate if you could inform your clients of this additional marking requirement.

You may also inform your clients that fittings registered by CSA are accepted for use in Saskatchewan.

Yours truly,

A handwritten signature in black ink, appearing to read 'N. Surtees', written over the 'Yours truly,' text.

N. Surtees, P. Eng.  
Executive Director





TECHNICAL STANDARDS &  
SAFETY AUTHORITY  
14th Floor, Centre Tower  
3300 Bloor Street West  
Toronto, Ontario  
Canada M8X 2X4

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

ABB

## STATUTORY DECLARATION Registration of Fittings

I, Brian Miller, General Manager  
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of ABB, Inc.

(Name of Manufacturer)

Located at 18321 Swamp Road, Prairieville, LA 70769

(Plant Address)

225-673-6100

(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 B31.3 Standards

(Title of recognized North American Standard)

which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fitting



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.

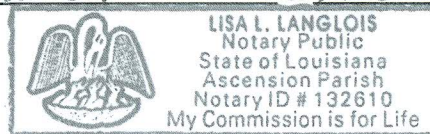
I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001:2008  
which has been verified by the following authority, Det Norske Veritas

The items covered by this declaration, for which I seek registration, are category F - Measuring Devices type fitting in support of  
this application, the following information and/or test data are attached as follows:

Calculations & Test Report# 0119-0006-SAR-0001; RS85-0000-1, RS85 Gen Arrangement Dwg

(drawings, calculations, test reports, etc.)

Declared before me at Prairieville, LA in the Parish of Ascension  
the 5<sup>th</sup> day of August AD 20 15



Commissioner for Oaths:

Lisa L. Langlois

(Printed name)

Lisa L. Langlois

(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 and Safety Act** Boilers and Pressure Vessels Regulation, and  
CSA Standard B51 and is accepted for registration in Category "F"

CRN: ØF17975.54

Registered by: Ralie Harb

Dated: 2015/11/30

NOTE: This registration expires on: Sept 30, 2025





**UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**NEW BRUNSWICK  
NUNAVUTNOVA SCOTIA  
YUKONPRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>ABB Inc.</u>	
MANUFACTURERS ADDRESS: <u>18321 Swamp Road, Prairieville, LA 70789</u>	
PLANT LOCATIONS: <u>SAME AS ABOVE</u>	
<b>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</b> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges; all flanges C Valves; all line valves D Expansion joints, flexible connections, and hose assemblies; all types E Strainers, filters, separators, and steam traps <input checked="" type="radio"/> 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 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)	<b>TITLE OF THE STANDARD OF CONSTRUCTION</b>  <u>ASME B31.1 and B31.3 Standards</u>
<b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b>  <div style="text-align: center; font-size: 2em;"><b>ABB</b></div>	<b>TYPE OF CONSTRUCTION</b> FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER: <u>Compression Fitting</u>
<b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b> <u>Calculations &amp; Test Report # 0119-0006-SAR-0001; RS85-0000-1, RS85 General Arrangement Drawing; FAB2171, RS Threaded Process Detail; FAB2170, RS Tri-Clover Detail; FAB2169, RS WP Detail; DS_RS85-EN, Data Sheet.</u>	

**DECLARATION:**

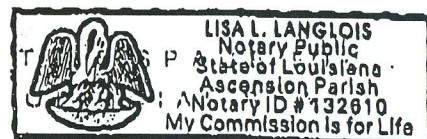
I Brian Miller (see note 3) employed by ABB Inc. and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. 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 Det Norske Veritas ISO 9001:2008 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: [Signature]Declared before me at Ascension ParishThis 5th day of August AD 2015

Commissioner of Oaths

or Notary Public: (sign) Lisa L. Langlois

U S E T



This space for Regulatory Authority use

This registration must be revalidated after ten (10) years from the date of acceptance.

CRN: 0F17975.5FID#: 14951**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.

**ACCEPTED**  
**PROVINCE OF PRINCE EDWARD ISLAND**  
**ENVIRONMENT, LABOUR & JUSTICE**

C.R.N. 0F17975.59DATE: Oct 30 2015

[Signature]  
**INSPECTION SERVICES SECTION**  
**BOILER/PRESSURE VESSEL DIVISION**

Sect. 410 - Prince R. &amp; v. 1 06/2003



# UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK  
NUNAVUTNOVA SCOTIA  
YUKONPRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

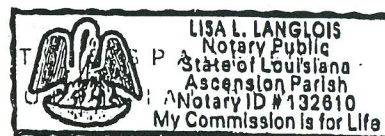
MANUFACTURERS NAME: ABB Inc.	
MANUFACTURERS ADDRESS: 18321 Swamp Road, Prairieville, LA 70769	
PLANT LOCATIONS: SAME AS ABOVE	
<b>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</b> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps <input checked="" type="radio"/> 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 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)	<b>TITLE OF THE STANDARD OF CONSTRUCTION</b>  ASME B31.1 and B31.3 Standards
<b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b>  <div style="text-align: center; font-size: 2em; font-weight: bold;">ABB</div>	<b>TYPE OF CONSTRUCTION</b> FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER: <div style="text-align: center;">Compression Fitting</div>
<b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b> Calculations & Test Report # 0119-0008-SAR-0001; RS85-0000-1, RS85 General Arrangement Drawing; FAB2171, RS Threaded Process Detail; FAB2170, RS Tri-Clover Detail; FAB2169, RS WP Detail; DS_RS85-EN, Data Sheet.	

## DECLARATION:

I Brian Miller (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 Det Norske Veritas ISO 9001:2008 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: Declared before me at Ascension ParishThis 5th day of August AD 2015Commissioner of Oaths or Notary Public: (sign) Lisa L. Langlois

U S E T



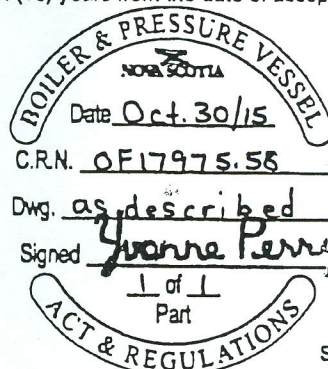
This space for Regulatory Authority use

This registration must be revalidated after ten (10) years from the date of acceptance.

CRN: 0F17975.5FID#: 14951

### 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.



Sect. 1.0 - Fittings Rev. 1 06/2003



# 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: ABB Inc.	
MANUFACTURERS ADDRESS: 18321 Swamp Road, Prairieville, LA 70769	
PLANT LOCATIONS: SAME AS ABOVE	
<b>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</b> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps (F) Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection 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 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)	<b>TITLE OF THE STANDARD OF CONSTRUCTION</b>  ASME B31.1 and B31.3 Standards
<b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b>  <div style="text-align: center; font-size: 2em; font-weight: bold;">ABB</div>	
<b>TYPE OF CONSTRUCTION</b> FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER: <u>Compression Fitting</u>	
<b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b> Calculations & Test Report # 0119-0006-SAR-0001; RS85-0000-1, RS85 General Arrangement Drawing; FAB2171, RS Threaded Process Detail; FAB2170, RS Tri-Clover Detail; FAB2169, RS WP Detail; DS_RS85-EN, Data Sheet.	

**DECLARATION:**

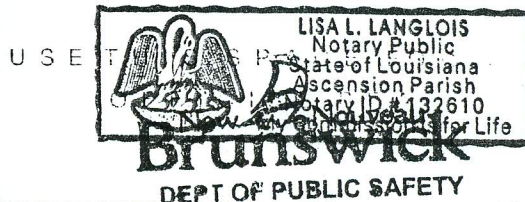
I Brian Miller (see note 3) employed by ABB Inc. and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. 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 Det Norske Veritas ISO 9001:2008 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: [Signature]

Declared before me at Ascension Parish

This 5th day of August AD 2015

Commissioner of Oaths or Notary Public: (sign) Lisa L. Langlois



This space for Regulatory Authority use **BOILER & PRESSURE VESSEL ACT**

This registration must be revalidated after ten (10) years from the date of acceptance.

CRN: 0F17975.5

FID#: 14951

**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.

**REGISTRATION ONLY**

CRN 0F17975.57

EXAMINER: [Signature]

for  
**CHIEF BOILER INSPECTOR**

DATE: 10/30/2015

☐ BLRs ☐ FVs

☐ FITTINGS ☒ COMPONENTS

Sect. 10, CHAPTER 6/2003



# 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: ABB Inc.	
MANUFACTURERS ADDRESS: 18321 Swamp Road, Prairieville, LA 70789	
PLANT LOCATIONS: SAME AS ABOVE	
<b>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</b> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps <input checked="" type="radio"/> 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 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)	<b>TITLE OF THE STANDARD OF CONSTRUCTION</b>  ASME B31.1 and B31.3 Standards
<b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b>  <div style="text-align: center; font-size: 2em; font-weight: bold;">ABB</div>	<b>TYPE OF CONSTRUCTION</b> FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER: Compression Fitting
<b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b> Calculations & Test Report # 0119-0006-SAR-0001; RS85-0000-1, RS85 General Arrangement Drawing; FAB2171, RS Threaded Process Detail; FAB2170, RS Tri-Clover Detail; FAB2169, RS WP Detail; DS_RS85-EN, Data Sheet.	

**DECLARATION:**

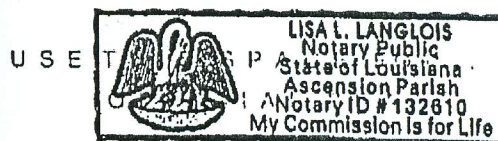
I Brian Miller (see note 3) employed by ABB Inc. and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. 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 Det Norske Veritas ISO 9001:2008 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: 

Declared before me at Ascension Parish

This 5th day of August AD 2015

Commissioner of Oaths or Notary Public: (sign) Lisa L. Langlois



This space for Regulatory Authority use


This registration must be revalidated after ten (10) years from the date of acceptance.

CRN: 0F17975.5

FID#: 14951

**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.

  
 Registered 0F17975.50  
 Date 15/10/30  
 Engineering and Inspection Services  
 Registered [Signature]  
 UNDER THE AUTHORITY OF THE  
 PUBLIC SAFETY ACT AND  
 THE BOILER, PRESSURE VESSEL AND  
 SAFETY REGULATIONS  
 2004-1-03 Fittings Rev. 1 06/2003



# 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: ABB Inc.	
MANUFACTURERS ADDRESS: 18321 Swamp Road, Prairieville, LA 70769	
PLANT LOCATIONS: SAME AS ABOVE	
<b>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</b> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection 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 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> . (Meeting CNSC or ASME requirements)	<b>TITLE OF THE STANDARD OF CONSTRUCTION</b>  ASME B31.1 and B31.3 Standards
<b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b>  <div style="text-align: center; font-size: 2em; font-weight: bold;">ABB</div>	<b>TYPE OF CONSTRUCTION</b> FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER: Compression Fitting
<b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b> Calculations & Test Report # 0119-0008-SAR-0001; RS85-0000-1, RS85 General Arrangement Drawing; FAB2171, RS Threaded Process Detail; FAB2170, RS Tri-Clover Detail; FAB2169, RS WP Detail; DS_RS85-EN, Data Sheet.	

## DECLARATION:

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Signature of Declarer: [Signature]

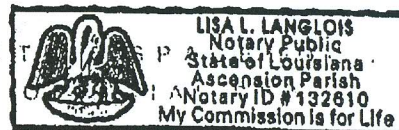
Declared before me at Ascension Parish

This 5th day of August AD 2015

Commissioner of Oaths

or Notary Public: (sign) Lisa L. Langlois

USE



This space for Regulatory Authority use

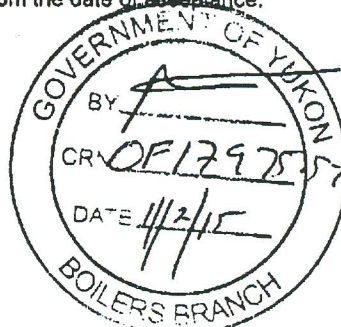
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CRN: OF17975.5

FID#: 14951

### 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.



Sect. 1.0 - Fittings Rev. 1 06/2003



# 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: ABB Inc.	
MANUFACTURERS ADDRESS: 18321 Swamp Road, Prairieville, LA 70769	
PLANT LOCATIONS: SAME AS ABOVE	
<p><b>CATEGORY OF FITTINGS TO BE REGISTERED, CIRCLE ONE CATEGORY ONLY:</b></p> <p>A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p>B Flanges: all flanges</p> <p>C Valves: all line valves</p> <p>D Expansion joints, flexible connections, and hose assemblies: all types</p> <p>E Strainers, filters, separators, and steam traps</p> <p><input checked="" type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p>G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p>H Pressure retaining components that do not fall into one of the above categories</p> <p>N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)</p>	<p><b>TITLE OF THE STANDARD OF CONSTRUCTION</b></p> <p>ASME B31.1 and B31.3 Standards</p>
<p><b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b></p> <p style="text-align: center;"><b>ABB</b></p>	<p><b>TYPE OF CONSTRUCTION</b></p> <p>FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/></p> <p>CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/></p> <p>DESCRIBE OTHER: Compression Fitting</p>
<p><b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b></p> <p>Calculations &amp; Test Report # 0119-0006-SAR-0001; RS85-0000-1, RS85 General Arrangement Drawing; FAB2171, RS Threaded Process Detail; FAB2170, RS Tri-Clover Detail; FAB2169, RS WP Detail; DS_RS85-EN, Data Sheet.</p>	

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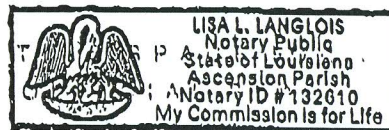
Signature of Declarer: [Signature]

Declared before me at Ascension Parish

This 5th day of August AD 2015

Commissioner of Oaths or Notary Public: (sign) Lisa L. Langlois

USE



<p>This space for Regulatory Authority use</p> <p>This registration must be revalidated after ten (10) years from the date of acceptance.</p>	
<p>CRN: <u>0F17975.5</u></p> <p>FID#: <u>14951</u></p> <p>Notes:</p> <ol style="list-style-type: none"> <li>All fittings shall be registered in the name of the Manufacturer.</li> <li>Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.</li> <li>The declaration shall be made by the person having full authority and responsibility for the quality of the end product.</li> <li>Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.</li> </ol>	<p style="text-align: center;">Northwest Territories</p> <p style="text-align: center;"><b>REGISTERED</b></p> <p style="text-align: center;">UNDER THE AUTHORITY OF THE BOILER AND PRESSURE VESSEL ACT.</p> <p>C.R.N. <u>0F17975.5</u></p> <p>SIGNED <u>[Signature]</u></p> <p>DATE <u>Nov 3 2015</u></p> <p style="text-align: right;">8 163-00</p>

SECT. 10 Fittings Rev. 1 06/2003



# UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

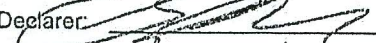
PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>ABB Inc.</u>	
MANUFACTURERS ADDRESS: <u>18321 Swamp Road, Prairieville, LA 70769</u>	
PLANT LOCATIONS: <u>SAME AS ABOVE</u>	
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<b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b> <div style="text-align: center; font-size: 2em; font-weight: bold; margin-top: 20px;">ABB</div>	<b>TYPE OF CONSTRUCTION</b> FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER: <div style="text-align: center; margin-top: 10px;">Compression Fitting</div>
<b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b> Calculations & Test Report # 0119-0006-SAR-0001; RS85-0000-1, RS85 General Arrangement Drawing; FAB2171, RS Threaded Process Detail; FAB2170, RS Tri-Clover Detail; FAB2169, RS WP Detail; DS_RS85-EN, Data Sheet.	

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Signature of Declarer:   
 Declared before me at Ascension Parish  
 This 5th day of August AD 2015  
 Commissioner of Oaths or Notary Public: (sign) Lisa L. Langlois



Boilers and

Pressure Vessels Act

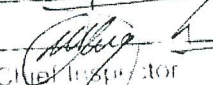
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REGISTERED

CRN 0F17975.5 N  
 Date OCT 30 2015  
 Signed   
 Chief Inspector

Territorial Registration