



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

[www.tssa.org](http://www.tssa.org)

October 25, 2018

EMMA SMITH  
AAONE  
PO BOX 91072 BURNHAMTHORPE PO  
TORONTO ON M9C 5N5  
CA

**Service Request Type:** BPV-Fitting Registration  
**Service Request No.:** **2425104**  
**Your Reference No.:** A2018-118  
**Registered to:** ABB INC

Dear EMMA SMITH,

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

**CRN No.:** **0F20795.5**  
**Main Design No.:** LWT Series level Transmitters (see the attachment to the Statutory Declaration Form for the scope of registration)  
**Expiry Date:** 25-Oct-2028

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](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,



Mark Valcic P. Eng.  
Engineer Specialist BPV  
Tel.: 416-734-3494  
Fax: 416-231-1626  
Email: [mvalcic@tssa.org](mailto:mvalcic@tssa.org)





## CRN Scope of Registration for LWT series

Sample Description (by Type of Process Coupler)	For Use in Instrument model(s)*	Maximum Withstood Pressure	Maximum Working Pressure (MAWP) associated to B31.1&31.3 for CRN
<b>H1</b> , 1 ½" HPXT Type Coupler (Ass'y No.: AA014215-07; Threaded Process Connection) Also representative of C1, H2, H3, and flanged versions. Refer to drawing 3KXL001058U0009 for construction assembly.	LWT.4XX Series	22, 000 PSI	5,000 PSI (344.8 bar)
<b>S</b> , ¾" S Type Coupler (Ass'y No.: 3KXL001050U0100; Threaded NPT Process Connection) Also representative of flanged versions. Refer to drawing 3KXL001050U0009 for construction assembly.	LWT.3XX Series	21, 000 PSI	4772 PSI (329.1 bar)
<b>S</b> , 1 ½" S Type Coupler (Ass'y No.: 3KXL001051U0100; Threaded NPT Process Connection) Also representative of flanged versions. Refer to drawing 3KXL001051U0009 for construction assembly.	LWT.3XX Series	21, 000 PSI	4772 PSI (329.1 bar)

\* "X"s in instrument model number refers to any alpha-numeric character that accounts for construction variations that are NOT subjected to the process pressure. (E.g. Instrument Body, optional display, connection terminals...). Please refer to document number ABBCABOM-04796 for the complete and exact product configuration matrix.

**Jean-François Ferland**

Spécialiste en assurance qualité et certification  
Quality assurance and certification specialist

**ABB Inc.**

Unité d'affaires Mesure et Analyse  
Measurement & Analytics Business Unit

**THIS IS PART OF  
CRN 20795.5**  
Technical Standards & Safety Authority  
Boilers & Pressure Vessels  
Safety Program  
*Uwal Oct. 25/18*

ABB Inc.

2018-10-16

ABBCABOM-06778 rev. A

Adresse/Address  
3400 Rue Pierre-Ardouin  
Québec, QC, G1P 0B2 CANADA

Telephone /Phone  
(418) 877-2944  
(800) 858-FTIR(3847)Amériques /Americas

Telecopieur /Fax  
(418) 877-2834

[www.abb.com/level](http://www.abb.com/level)

November 14, 2018

**Attention:** Emma Smith  
AAONE  
PO BOX 91072  
BURNHAMTHORPE PO  
TORONTO, ON M9C 5N5

**Email:** aaone@rogers.com

The design submission, tracking number 2018-07261, originally received on October 30, 2018 was surveyed and accepted for registration as follows:

**CRN :** 0F20795.52

**Accepted on:** November 14, 2018

**Reg Type:** NEW DESIGN

**Expiry Date:** October 25, 2028

**Drawing No. :** SCOPE OF REGISTRATION LWT SERIES

**Fitting type:** COUPLERS,H1,1-1/2";S,3/4";S,1-1/2"

Design registered in the name of : ABB INC

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

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

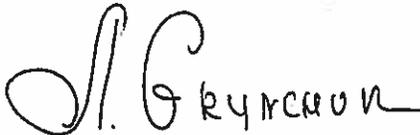
- *This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form.*
- *This registration is valid only until the indicated expiry date and only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date.*
- *Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.*

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

Enclosed are stamped prints for your reference.

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

Sincerely,



GRYNCHUK, MILLA, P. Eng.  
DOP Cert. No. D00005217



the pressure equipment safety authority

STATUTORY DECLARATION  
Registration of Fittings



I, Mrs. Louise Martel,

Quality 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 3400 Rue Pierre-Ardouin, Quebec, QC, G1P 0B2, Canada

(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 & B31.3 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, SGS North America Inc. 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:

Scope of the registration, proof tests report, ISO9001 certificate.

DECLARED before me at Quebec in the province of Quebec

this 15th day of October, 2018  
(Month) (Year)

(print) Caroline Fortin

Louise Martel  
(Signature of Applicant)

(Sign) \_\_\_\_\_  
(Commissioner for OAHs)

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: OF20795.52

Crynetek

Date Registered: NOV 14 2018

(For the Administrator/Chief Inspector of Alberta)  
Expiry Date: 2028 Oct. 25



## CRN Scope of Registration for LWT series

Sample Description (by Type of Process Coupler)	For Use in Instrument model(s)*	Maximum Withstood Pressure	Maximum Working Pressure (MAWP) associated to B31.1&31.3 for CRN
H1, 1 1/2" HPXT Type Coupler (Ass'y No.: AA014215-07; Threaded Process Connection) Also representative of C1, H2, H3, and flanged versions. Refer to drawing 3KXL001058U0009 for construction assembly.	LWT.4XX Series	22, 000 PSI	5,000 PSI (344.8 bar)
S, 3/4" S Type Coupler (Ass'y No.: 3KXL001050U0100; Threaded NPT Process Connection) Also representative of flanged versions. Refer to drawing 3KXL001050U0009 for construction assembly.	LWT.3XX Series	21, 000 PSI	4772 PSI (329.1 bar)
S, 1 1/2" S Type Coupler (Ass'y No.: 3KXL001051U0100; Threaded NPT Process Connection) Also representative of flanged versions. Refer to drawing 3KXL001051U0009 for construction assembly.	LWT.3XX Series	21, 000 PSI	4772 PSI (329.1 bar)

\* "X"s in instrument model number refers to any alpha-numeric character that accounts for construction variations that are NOT subjected to the process pressure. (E.g. Instrument Body, optional display, connection terminals...). Please refer to document number ABBCABOM-04796 for the complete and exact product configuration matrix.

**Jean-François Ferland**  
Spécialiste en assurance qualité et certification  
Quality assurance and certification specialist

**ABB Inc.**  
Unité d'affaires Mesure et Analyse  
Measurement & Analytics Business Unit

SAFETY CODE ACC. TO DIVISION OF ALBERTA  
REGISTRATION OF INSTRUMENTS  
**OF 20795.52**  
REGISTRATION NO. *scope for LWT series*  
TYPE OF INSTRUMENT *Couplers*  
NOV 14 2018  
Date INITIALS *[Signature]*  
BILLING CONTACT  
REGISTRATION NUMBER

ABB Inc.

2018-10-16

ABBCABOM-06778 rev. A

Adresse/Address  
3400 Rue Pierre-Ardouin  
Québec, QC, G1P 0B2 CANADA

Telephone /Phone  
(418) 877-2944  
(800) 858-FTIR(3847) Amériques /Americas

Telecopieur /Fax  
(418) 877-2834

[www.abb.com/level](http://www.abb.com/level)

Statutory Declaration Registration of Fittings

(a) Design Qualification

1 Mrs. Louise Martel (Name of applicant)

Quality Manager (Position eg, president, plant manager, chief eng.)

of ABB INC. (name of company)

Located at 3400 Rue Pierre-Ardouin, Quebec, QC, G1P 0B2, Canada (plant address)

REGISTERED



CRN: CSA-0F20795.56

Registration Process administered by CSA Group per CSA B51

do solemnly declare that the fittings listed hereunder, which are subject to the Boilers & Pressure Vessels Act:

[X] comply with all the requirements of the ANSI/ASME codes as to their dimensions, material, identification & service for which are required: B31.1 & B31.3

Or

[ ] are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with code and standard, and are designed to the best current engineering practice, as shown by the supporting test data.

(b) Quality control of Manufacture

I further declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of ISO 9001, and has been verified by the following authority or authorized agency SGS North America Inc.

The fittings covered by this declaration, for which I seek registration, are Category - F - fittings

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

Scope of the registration, proof tests report, ISO9001 certificate

Declared before me at Quebec province

In the of province of Quebec

The 15 day of October AD 2018

Signature of Commissioner for Oaths

Signature of Declarer

For Official Use Only

The application is accepted for registration in Category F in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51.

This registration must be revalidated after ten (10) years from the date of acceptance. Oct. 25. 2028

Registered Number CRN CSA-0F20795.56

For the Chief Inspector

Date



A. BANWATT

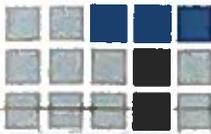
NOV. 14. 2018

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

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

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





# Technical Safety Authority of Saskatchewan

REGISTERED

CRN: CSA-0F20795.56



2202 2nd Ave.  
Regina, SK S4R 1K3  
PH: (306)798-7112 Toll Free: (888)530-8599  
FAX: (306)787-9273 Toll Free: (888)760-9256  
Email: [boilerpermits@tsask.ca](mailto:boilerpermits@tsask.ca)  
Website: [www.tsask.ca](http://www.tsask.ca)

Registration Process administered by  
CSA Group (CSA B51)

Statutory Declaration (Registration of Filings)

TSK-1008

## I. Declaration Information

I, Mrs. Louise Martel

Quality Manager

(company title, e.g. vice president, plant manager, chief engineer)  
(must be in a position of authority in the manufacturing plant where the fitting is produced)

of: ABB INC.  
(name of manufacturer)

located at: 3400 Rue Pierre-Ardouin, Quebec, QC, G1P 0B2, Canada  
(Plant Address - Apt/Street) (City, Prov) (Postal Code)

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



**LWT series**

do solemnly declare that the fittings listed hereinunder, which are subject to the **Saskatchewan Boiler and Pressure Vessel Safety Act** (check one)

- Comply with the requirements of ASME B31.1 & B31.3 which specifies the dimensions, Materials of construction, pressure / temperature ratings and identification marking of the fittings, or  
(title of recognized North American Standard)
- 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 manufacturer of these fittings is controlled by a quality control program which has been verified by the following authority, SGS North America Inc. (ISO9001) as being suitable for the manufacturer of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are Category - F - type of fittings.

In support of this application, the following information, calculations and / or test data are attached:  
Scope of the registration, proof test report, ISO9001 certificate.

## II. Declaration

DECLARED before me at Quebec In the Province of Quebec  
this 15th day of October, 2018  
Caroline Fortin (Signature)  
Louise Martel (Signature)  
(Signature of Commissioner of Oaths)

## III. Office Use Only

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

CSA-0F20795.56  
(Registration Number)

NOV. 14. 2018  
(Date Registered - MM DD YYYY)  
(For the Administrator / Chief Inspector)

Oct. 25. 2028  
(Expiry Date - MM DD YYYY)  
A. BANWATT



See the attachment for the scope of the registration.



345 Carlingview Drive  
Toronto, Ontario M9W 6N9  
Tel: 416 734 3300  
Fax: 416 231 1626  
Toll Free: 1 877.682.8772

[www.tssa.org](http://www.tssa.org)

October 25, 2018

EMMA SMITH  
AAONE  
PO BOX 91072 BURNHAMTHORPE PO  
TORONTO ON M9C 5N5  
CA

**Service Request Type:** BPV-Fitting Registration  
**Service Request No.:** 2425104  
**Your Reference No.:** A2018-118  
**Registered to:** ABB INC

Dear EMMA SMITH,

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

**CRN No.:** 0F20795.5

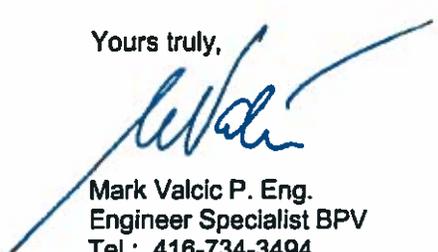
**Main Design No.:** LWT Series level Transmitters (see the attachment to the Statutory Declaration Form for the scope of registration)

**Expiry Date:** 25-Oct-2028

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](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,

  
Mark Valcic P. Eng.  
Engineer Specialist BPV  
Tel.: 416-734-3494  
Fax: 416-231-1626  
Email: [mvalcic@tssa.org](mailto:mvalcic@tssa.org)





## CRN Scope of Registration for LWT series

Sample Description (by Type of Process Coupler)	For Use in Instrument model(s)*	Maximum Withstood Pressure	Maximum Working Pressure (MAWP) associated to B31.1&31.3 for CRN
<i>H1, 1 1/2" HPXT Type Coupler (Ass'y No.: AA014215-07; Threaded Process Connection) Also representative of C1, H2, H3, and flanged versions. Refer to drawing 3KXL001058U0009 for construction assembly.</i>	LWT.4XX Series	22,000 PSI	5,000 PSI (344.8 bar)
<i>S, 3/4" S Type Coupler (Ass'y No.: 3KXL001050U0100; Threaded NPT Process Connection) Also representative of flanged versions. Refer to drawing 3KXL001050U0009 for construction assembly.</i>	LWT.3XX Series	21,000 PSI	4772 PSI (329.1 bar)
<i>S, 1 1/2" S Type Coupler (Ass'y No.: 3KXL001051U0100; Threaded NPT Process Connection) Also representative of flanged versions. Refer to drawing 3KXL001051U0009 for construction assembly.</i>	LWT.3XX Series	21,000 PSI	4772 PSI (329.1 bar)

\* "X"s in instrument model number refers to any alpha-numeric character that accounts for construction variations that are NOT subjected to the process pressure. (E.g. Instrument Body, optional display, connection terminals...). Please refer to document number ABBCABOM-04796 for the complete and exact product configuration matrix.

**Jean-François Ferland**  
Spécialiste en assurance qualité et certification  
Quality assurance and certification specialist

**ABB Inc.**  
Unité d'affaires Mesure et Analyse  
Measurement & Analytics Business Unit

**THIS IS PART OF  
CRN of 20795.5**  
Technical Standards & Safety Authority  
Boilers & Pressure Vessels  
Safety Program



2072  
**ATTACHMENT TO**  
**C.R.N.: CSA-0720795.56**  
 Signed: *[Signature]*  
 178 Rexdale Boulevard, Toronto, ON Canada M9W1R3

ABB Inc.

2018-10-16

ABBCABOM-06778 rev. A

Adresse/Address  
3400 Rue Pierre-Arduin  
Québec, QC, G1P 0B2 CANADA

Telephone /Phone  
(418) 877-2944  
(800) 858-FTIR(3847)Amériques /Americas

Telecopieur /Fax  
(418) 877-2834

[www.abb.com/levrj](http://www.abb.com/levrj)

Certificat(e) CA95/097

The management system of  
Le système de gestion de

## ABB Inc.- Unité d'affaires Mesure et Analyse

3400 rue Pierre-Arduin  
Québec, QC G1P 0B2, Canada

has been assessed and certified as meeting the requirements of:  
a été évalué et enregistré selon les exigences de la norme:

**ISO 9001:2015**

The scope of registration is as follows:  
La portée d'enregistrement est présentée ci-dessous:

**Conception, fabrication et mise en marché des systèmes analytiques et des produits pour la mesure de niveau pour différentes applications et industries à travers le monde.**  
**Design, manufacturing and market of analytical systems and products for level measurement for different applications and industries worldwide.**

Further clarifications regarding the scope of this certificate and the applicability of ISO 9001:2015 requirements may be obtained by consulting the organization.  
Des éclaircissements supplémentaires concernant la portée de ce certificat ainsi que l'applicabilité des exigences de la norme selon ISO 9001:2015 peuvent être obtenus en consultant l'organisme.

This certificate is valid from 26 March 2018 until 26 March 2021 and remains valid subject to satisfactory surveillance audits.  
Recertification audit due a minimum of 60 days before the expiration date.  
Issue 7: 11 March 2018. Certified since June 2005.

Ce certificat est valide du 26 mars 2018 au 26 mars 2021 et demeurera valide sous réserve du bon maintien des audits de surveillance.  
L'audit de renouvellement est dû au minimum 60 jours avant la date d'échéance.  
Édition 7: 11 mars 2018. Enregistrée depuis juin 2005.

The audit leading to this certificate commenced on 15/01/2018. L'audit ayant abouti à ce certificat a débuté 15/01/2018.  
Previous issue certificate validity date was until 26/03/2018. Le certificat précédent était valide jusqu'au 26/03/2018.

Authorized by/Autorisé par



Ralph McLouth  
Vice President of Accreditation, North America

Accredited Office/Bureau accrédité  
SGS North America, Inc.  
201 Route 17 North, Rutherford, NJ 07070, USA  
t (201) 508-3000 f (201) 935-4555 [www.us.sgs.com](http://www.us.sgs.com)

This certificate remains the property of SGS and shall be returned upon request  
Ce certificat demeure la propriété de SGS et sera retourné sur demande

Page 1 of 1/ Page 1 de 1



178 Rexdale Blvd.  
Toronto, Ontario  
Canada M9W 1R3  
Tel: (416) 747-4000  
[www.csagroup.org](http://www.csagroup.org)



March 2017

## **CRN – Canadian Registration Numbers - Saskatchewan**

The Province of Saskatchewan participates with Quebec and the Canadian Standards Association (CSA Group) for the registrations of “Fittings”.

Per an agreement with CSA Group in April 1998, Saskatchewan recognizes registrations done by CSA Group and accepts such fittings for use in Saskatchewan.

The letters “CSA” are applied as a prefix to the CRN to indicate which “Fittings” have been registered in this manner. You should inform your clients of this additional marking requirement and that “Fittings” registered by CSA Group are accepted for use in Saskatchewan Canada.



Inspection and Technical Services Manitoba  
500 - 401 York Avenue  
Winnipeg Manitoba R3C 0P8  
T (204) 945-3373  
F (204) 948-2309  
[www.firecomm.gov.mb.ca/codes\\_steam\\_pressure.html](http://www.firecomm.gov.mb.ca/codes_steam_pressure.html)

January 2, 2019

AAOne  
P.O. Box 91072, Burnhamthorpe Rd.  
Toronto, ON  
M9C 5N5

Attn: Emma Smith

## 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
3KXL001058U009, 3KXL001058U009, 3KXL001051U009	0F20795.54	39488

**An invoice covering survey and registration fees is enclosed.**

**NOTE:**

- *CRN registered under reciprocal agreement & is conditional based on compliance with the notes set by the original issuing Jurisdiction: TSSA*
- *See attached stamped "this is part of CRN" for scope of registration.*
- *This registration expires October 25, 2028.*

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.

Yours truly,

Rabie Harb, P. Eng.  
Engineer  
Office of the Fire Commissioner  
Inspection and Technical Services Manitoba  
508 - 401 York Avenue  
Winnipeg, Manitoba, R3C 0P8  
Phone: 204-945-3373  
Email: [rabie.harb@gov.mb.ca](mailto:rabie.harb@gov.mb.ca)

# MANITOBA

DEPARTMENT OF LABOUR  
AND IMMIGRATION  
500 - 401 York Avenue  
Winnipeg, Manitoba R3C 0P8



## STATUTORY DECLARATION REGISTRATION OF FITTINGS

(a) **Design Qualification**

I Mrs. Louise Martel

**ABB** LWT series

Quality Manager

(Position e.g.: president, plant manager, chief eng.)

of ABB INC.

(Name of company)

Located 3400 Rue Pierre-Ardouin, Quebec, QC, G1P 0B2, Canada

(Plant Address)

do solemnly declare that the fittings listed hereunder, which are subject to the Boilers & Pressure Vessels Act,

comply with ASME B31.1 & B31.3 all the requirements of the ANSI/ASME codes as to their dimensions.

or

are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with \_\_\_\_\_ code or standard, and are designed to the best current engineering practice, as shown by the supporting test data.

(b) **Quality Control of Manufacture**

I further declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of ISO 9001, and has been verified by the following authority or authorized agency SGS North America Inc.

The fittings covered by this declaration, for which I seek registration, are Category - F - type of fittings

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

Scope of the registration, proof tests report, ISO9001 certificate.

Declared before me at Quebec in the province/state of Quebec the 15<sup>th</sup>

day of October AD 20 18

(A Commissioner for oaths)

Signature of Declarer

(For Official Use Only)

The application is accepted for registration in Category "F" in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51.

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

October 25, 2028

Registered Number CRN 0FZ07AS.54 For the Chief Inspector

Ralph Hurl

Date: 2019/01/02

Notes:

- (1) This form shall be completed and signed by the president or highest official in the manufacturing plant where the fitting is produced.
- (2) ~~Two~~ completed copies of Statutory Declaration form together with ~~two~~ copies of Catalogs, drawings or Bulletins illustrating above fittings shall be submitted.
- (3) All fittings are required to be registered in the name of the Manufacturer.



## CRN Scope of Registration for LWT series

Sample Description (by Type of Process Coupler)	For Use in Instrument model(s)*	Maximum Withstood Pressure	Maximum Working Pressure (MAWP) associated to B31.1&31.3 for CRN
<i>H1, 1 1/2" HPXT Type Coupler (Ass'y No.: AA014215-07; Threaded Process Connection) Also representative of C1, H2, H3, and flanged versions. Refer to drawing 3KXL001058U0009 for construction assembly.</i>	LWT.4XX Series	22, 000 PSI	5,000 PSI (344.8 bar)
<i>S, 3/4" S Type Coupler (Ass'y No.: 3KXL001050U0100; Threaded NPT Process Connection) Also representative of flanged versions. Refer to drawing 3KXL001050U0009 for construction assembly.</i>	LWT.3XX Series	21, 000 PSI	4772 PSI (329.1 bar)
<i>S, 1 1/2" S Type Coupler (Ass'y No.: 3KXL001051U0100; Threaded NPT Process Connection) Also representative of flanged versions. Refer to drawing 3KXL001051U0009 for construction assembly.</i>	LWT.3XX Series	21, 000 PSI	4772 PSI (329.1 bar)

\* "X"s in instrument model number refers to any alpha-numeric character that accounts for construction variations that are NOT subjected to the process pressure. (E.g. Instrument Body, optional display, connection terminals...). Please refer to document number ABBCABOM-04796 for the complete and exact product configuration matrix.

**Jean-François Ferland**  
Spécialiste en assurance qualité et certification  
Quality assurance and certification specialist

**ABB Inc.**  
Unité d'affaires Mesure et Analyse  
Measurement & Analytics Business Unit



ABB Inc.

2018-10-16

ABBCABOM-06778 rev. A

Adresse/Address  
3400 Rue Pierre-Arduin  
Québec, QC, G1P 0B2 CANADA

Telephone /Phone  
(418) 877-2944  
(800) 858-FTIR (3847) Amériques /Americas

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(418) 877-2834

[www.abb.com/level](http://www.abb.com/level)

AAONE  
PO BOX 91072 BURNHAMTHORPE ROAD  
TORONTO ON M9C 5N5

**Date:** November 1, 2018  
**Account #:** 58731  
**Journal #:** 71990

**Attn:** EMMA SMITH

**Re: Application for Design Registration**

The design, as detailed in your, LWT Series (H1, S, S) , for a Fitting is accepted for registration as follows:

**Registered To:** ABB INC

**CRN:** 0F20795.51

**Drawing #:** 3KXL001058U0009(OU000)(1U0009)

**Conditions Of Registration:**

Registration of LWT Series Level Transmitters as per attached scope of registration 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:**

As required by CSA B51 4.2.1, this registration expires on October 25, 2028. 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@technicalsaftybc.ca  
Design Administration

**cc:**



## CRN Scope of Registration for LWT series

Sample Description (by Type of Process Coupler)	For Use in Instrument model(s)*	Maximum Withstood Pressure	Maximum Working Pressure (MAWP) associated to B31.1&31.3 for CRN
<i>H1</i> , 1 ½" HPXT Type Coupler (Ass'y No.: AA014215-07; Threaded Process Connection) Also representative of C1, H2, H3, and flanged versions. Refer to drawing 3KXL001058U0009 for construction assembly.	LWT.4XX Series	22, 000 PSI	5,000 PSI (344.8 bar)
S, ¾" S Type Coupler (Ass'y No.: 3KXL001050U0100; Threaded NPT Process Connection) Also representative of flanged versions. Refer to drawing 3KXL001050U0009 for construction assembly.	LWT.3XX Series	21, 000 PSI	4772 PSI (329.1 bar)
S, 1 ½" S Type Coupler (Ass'y No.: 3KXL001051U0100; Threaded NPT Process Connection) Also representative of flanged versions. Refer to drawing 3KXL001051U0009 for construction assembly.	LWT.3XX Series	21, 000 PSI	4772 PSI (329.1 bar)

\* "X"s in instrument model number refers to any alpha-numeric character that accounts for construction variations that are NOT subjected to the process pressure. (E.g. Instrument Body, optional display, connection terminals...). Please refer to document number ABBCABOM-04796 for the complete and exact product configuration matrix.

**Jean-François Ferland**  
Spécialiste en assurance qualité et certification  
Quality assurance and certification specialist

**ABB Inc.**  
Unité d'affaires Mesure et Analyse  
Measurement & Analytics Business Unit



CRN #: 0E20795.51  
Date: Nov. 1, 2018  
BC J#: 71990

ABB Inc.

**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: <b>ABB INC.</b>	
MANUFACTURERS ADDRESS: <b>3400 Rue Pierre-Ardouin, Quebec, QC, G1P 0B2, Canada</b>	
PLANT LOCATIONS: <b>IDEM THAN ABOVE</b>	
<p><b>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</b></p> <p><b>A</b> Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers  <b>B</b> Flanges: all flanges  <b>C</b> Valves: all line valves  <b>D</b> Expansion joints, flexible connections, and hose assemblies: all types  <b>E</b> Strainers, filters, separators, and steam traps  <b>F</b> Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters  <b>G</b> Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs  <b>H</b> Pressure retaining components that do not fall into one of the above categories  <b>N</b> 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>  <b>ASME B31.1 and B31.3</b></p>
<p><b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b></p> <p><b>ABB LWT series</b></p>	<p><b>TYPE OF CONSTRUCTION</b></p> <p>FORGED <input checked="" type="checkbox"/> WELDED <input checked="" type="checkbox"/> WROUGHT <input type="checkbox"/>                  CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>                  DESCRIBE OTHER:                  Cold and hot rolled steel                  Ceramic</p>
<p><b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b>                  Scope of the registration, proof tests report, ISO9001 certificate.</p>	

**DECLARATION:**

I, Mrs. Louise Martel (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 SGS North America Inc. as being suitable for the 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

Declarant

This

Commissioner

or Notary Public

*Louise Martel*  
 Province of Quebec  
 2018

<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>0F20795.5</u></p> <p>FID#: <u>15928</u></p> <p>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.</p>	<p><b>ACCEPTED</b></p> <p><b>PROVINCE OF PRINCE EDWARD ISLAND</b>  <b>COMMUNITIES, LAND &amp; ENVIRONMENT</b></p> <p>C.R.N. <u>0F20795-59</u>                  DATE: <u>NOV 19/18</u></p> <p><b>INSPECTION SERVICES SECTION</b>  <b>BOILER/PRESSURE VESSEL BRANCH</b></p> <p>Sect. 1.0 - Fittings Rev. 1 06/2003</p>
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# 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: **3400 Rue Pierre-Ardouin, Quebec, QC, G1P 0B2, Canada**

PLANT LOCATIONS: **IDEM THAN ABOVE**

**CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY**

- 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  Class 2  Class 3  (Meeting CNSC or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION  
**ASME B31.1 and B31.3**

**SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT**

**ABB** LWT series

**TYPE OF CONSTRUCTION**

FORGED  WELDED  WROUGHT   
CAST  OTHER   
DESCRIBE OTHER:  
Cold and hot rolled steel  
Ceramic

**LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:**  
Scope of the registration, proof tests report, ISO9001 certificate.

**DECLARATION:**

I, Mrs. Louise Martel (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 SGS North America Inc. as being suitable for the purpose and I make this solemn declaration conscientiously as being true, and knowing that it is of the same force and effect as if made under oath.

Signature of Mrs. Louise Martel  
Declared at Quebec, Province of Quebec  
This 9th day of October AD 2018  
Commissioner of Labour  
or Notary Public



This space for Regulatory Authority use  
This registration must be revalidated after ten (10) years from the date of acceptance.

CRN: 0F20795.5

FID#: 15328

**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.



C.R.N. 0F20795.58

Dwg. as described

Signed Yvonne Perry

1 of 1

Part



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: <b>ABB INC.</b>	
MANUFACTURERS ADDRESS: 3400 Rue Pierre-Ardouin, Quebec, QC, G1P 0B2, Canada	
PLANT LOCATIONS: IDEM THAN ABOVE	
<p><b>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</b></p> <p><b>A</b> Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p><b>B</b> Flanges: all flanges</p> <p><b>C</b> Valves: all line valves</p> <p><b>D</b> Expansion joints, flexible connections, and hose assemblies: all types</p> <p><b>E</b> Strainers, filters, separators, and steam traps</p> <p><b>F</b> Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p><b>G</b> Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p><b>H</b> Pressure retaining components that do not fall into one of the above categories</p> <p><b>N</b> 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>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b></p> <div style="font-size: 2em; font-weight: bold; margin-top: 10px;">ABB</div> <div style="font-size: 1.5em; margin-top: 5px;">LWT series</div>	<p><b>TITLE OF THE STANDARD OF CONSTRUCTION</b></p> <p style="font-size: 1.2em;">ASME B31.1 and B31.3</p> <hr/> <p><b>TYPE OF CONSTRUCTION</b></p> <p>FORGED <input checked="" type="checkbox"/> WELDED <input checked="" type="checkbox"/> WROUGHT <input type="checkbox"/></p> <p>CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/></p> <p><b>DESCRIBE OTHER:</b></p> <p>Cold and hot rolled steel Ceramic</p>
<p><b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b></p> <p>Scope of the registration, proof tests report, ISO9001 certificate.</p>	

**DECLARATION:**

I Mrs. Louise Martel (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 SGS North America Inc. as being suitable for the 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 Declarant: *Louise Martel*

Declared before me at: Quebec, Province of Quebec

This: 10 day of October AD 2018

Commissioner of Public Safety or Notary Public: *[Signature]*



**New Brunswick / Nouveau Brunswick**

**DEPT OF JUSTICE PUBLIC SAFETY  
BOILER & PRESSURE VESSEL ACT**

---

**REGISTRATION ONLY**

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

CRN 0F20795.57

*[Signature]*  
**CHIEF BOILER INSPECTOR**

DATE 11/9/2018

BLRs       PVs

FITTINGS       NUCLEAR COMPONENTS

Sect. 1.0 - Fittings Rev. 1 06/2003

CRN: 0F20795.5

FID#: 15328

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.

**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: 3400 Rue Pierre-Ardouin, Quebec, QC, G1P 0B2, Canada	
PLANT LOCATIONS: IDEM THAN ABOVE	
<p><b>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</b></p> <p><b>A</b> Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers  <b>B</b> Flanges: all flanges  <b>C</b> Valves: all line valves  <b>D</b> Expansion joints, flexible connections, and hose assemblies: all types  <b>E</b> Strainers, filters, separators, and steam traps  <input checked="" type="radio"/> <b>F</b> Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters  <b>G</b> Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs  <b>H</b> Pressure retaining components that do not fall into one of the above categories  <b>N</b> 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>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b></p> <div style="font-size: 2em; font-weight: bold; margin-left: 10px;">ABB</div> <div style="font-size: 1.5em; margin-left: 20px;">LWT series</div>	<p><b>TITLE OF THE STANDARD OF CONSTRUCTION</b> ASME B31.1 and B31.3</p> <hr/> <p><b>TYPE OF CONSTRUCTION</b></p> <p>FORGED <input checked="" type="checkbox"/> WELDED <input checked="" type="checkbox"/> WROUGHT <input type="checkbox"/>          CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>  <b>DESCRIBE OTHER:</b>          Cold and hot rolled steel          Ceramic</p>
<p><b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b>                  Scope of the registration, proof tests report, ISO9001 certificate.</p>	

**DECLARATION:**

I, Mrs. Louise Martel (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 SGS North America Inc. as being suitable for the 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 Declarant: *Louise Martel*  
 Declared before me at: Quebec, Province of Quebec  
 This day of: October AD 2008  
 Commissioner of Oath or Notary Public: *[Signature]*



<p>This space for Regulatory Authority use                  This registration must be revalidated after ten (10) years from the date of acceptance.</p> <p>CRN: <u>0F20795.5</u></p> <p>FID#: <u>15328</u></p> <p>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.</p>	<p><b>Newfoundland Labrador Service NL</b></p> <p>Registered <u>0F20795.50</u>                  Date <u>18/10/09</u>                  Engineering and Inspection Services                  Registered by <i>[Signature]</i></p> <p>UNDER THE AUTHORITY OF THE                  PUBLIC SAFETY ACT AND                  THE BOILER PRESSURE REGULATIONS, 1987/2003                  COMPRESSED GAS REGULATIONS</p>
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**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>3400 Rue Pierre-Ardouin, Quebec, QC, G1P 0B2, Canada</u>	
PLANT LOCATIONS: <u>IDEM THAN ABOVE</u>	
<p><b>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</b></p> <p><b>A</b> Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p><b>B</b> Flanges: all flanges</p> <p><b>C</b> Valves: all line valves</p> <p><b>D</b> Expansion joints, flexible connections, and hose assemblies: all types</p> <p><b>E</b> Strainers, filters, separators, and steam traps</p> <p><b>F</b> Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p><b>G</b> Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p><b>H</b> Pressure retaining components that do not fall into one of the above categories</p> <p><b>N</b> 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> <b>ASME B31.1 and B31.3</b></p>
<p><b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b></p> <p><b>ABB</b> LWT series</p>	<p><b>TYPE OF CONSTRUCTION</b></p> <p>FORGED <input checked="" type="checkbox"/> WELDED <input checked="" type="checkbox"/> WROUGHT <input type="checkbox"/>                  CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>                  DESCRIBE OTHER:                  Cold and hot rolled steel                  Ceramic</p>
<p><b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b>                  Scope of the registration, proof tests report, ISO9001 certificate.</p>	

**DECLARATION:**

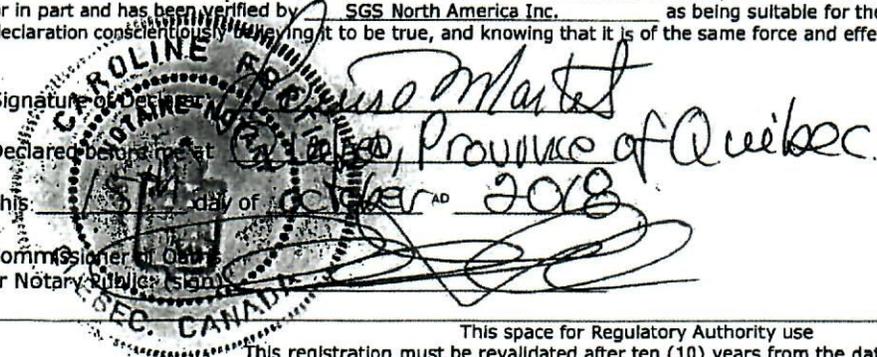
I Mrs. Louise Martel (see note 3) employed by ABB INC. and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration 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 SGS North America Inc. as being suitable for the purpose and I make this solemn declaration conscientiously knowing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarant

Declared before me at

This 15th day of October AD 2018

Commissioner of Ombudsman  
or Notary Public: [Signature]



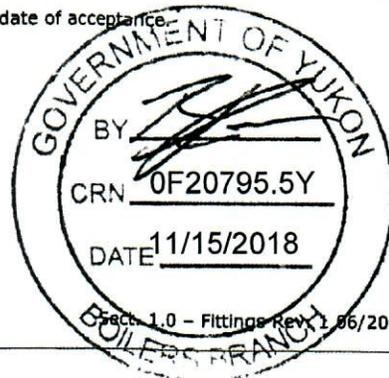
This space for Regulatory Authority use  
 This registration must be revalidated after ten (10) years from the date of acceptance.

CRN: 0F20795.5

FID#: 15328

**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.



**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: <b>ABB INC.</b>	
MANUFACTURERS ADDRESS: <b>3400 Rue Pierre-Ardouin, Quebec, QC, G1P 0B2, Canada</b>	
PLANT LOCATIONS: <b>IDEM THAN ABOVE</b>	
<p><b>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</b></p> <p><b>A</b> Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers  <b>B</b> Flanges: all flanges  <b>C</b> Valves: all line valves  <b>D</b> Expansion joints, flexible connections, and hose assemblies: all types  <b>E</b> Strainers, filters, separators, and steam traps  <input checked="" type="radio"/> <b>F</b> Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters  <b>G</b> Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs  <b>H</b> Pressure retaining components that do not fall into one of the above categories  <b>N</b> 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>  <b>ASME B31.1 and B31.3</b></p>
<p><b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b></p> <p><b>ABB LWT series</b></p>	<p><b>TYPE OF CONSTRUCTION</b></p> <p>FORGED <input checked="" type="checkbox"/> WELDED <input checked="" type="checkbox"/> WROUGHT <input type="checkbox"/>                  CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>                  DESCRIBE OTHER:                  Cold and hot rolled steel                  Ceramic</p>
<p><b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b>                  Scope of the registration, proof tests report, ISO9001 certificate.</p>	

**DECLARATION:**

I, Mrs. Louise Martel (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 SGS North America Inc. as being suitable for the 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 Louise Martel  
 Declared before me at Quebec, Province of Quebec  
 This 15th day of October AD 2018  
 Commissioner of Gas or Notary Public: [Signature]

CRN: <u>0F20795.5</u> FID#: <u>15328</u>	<p>This space for Regulatory Authority use <u>Northwest</u>                  This registration must be revalidated after ten (10) years from the date of <u>issuance</u>.</p> <p><b>REGISTERED</b></p> <p>UNDER THE AUTHORITY OF                  THE BOILER AND PRESSURE                  VESSEL ACT</p> <p>C.R.N. <u>0F20795.5T</u>                  SIGNED <u>[Signature]</u>                  DATE <u>Nov 13/2019</u></p> <p style="text-align: right;">\$ 163.00</p>
<p><b>Notes:</b></p> <p>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.</p>	

**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: 3400 Rue Pierre-Ardouin, Quebec, QC, G1P 0B2, Canada

PLANT LOCATIONS: IDEM THAN ABOVE

**CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY**

- 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  Class 2  Class 3  (Meeting CNSC or ASME requirements)
- SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT

TITLE OF THE STANDARD OF CONSTRUCTION:  
**ASME B31.1 and B31.3**

**ABB** LWT series

**TYPE OF CONSTRUCTION**

- FORGED  WELDED  WROUGHT   
 CAST  OTHER   
 DESCRIBE OTHER:  
 Cold and hot rolled steel  
 Ceramic

**LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:**  
 Scope of the registration, proof tests report, ISO9001 certificate.

**DECLARATION:**

I Mrs. Louise Martel (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 SGS North America Inc. as being suitable for the 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 Declarant: *Louise Martel*  
 Declared before me at: Quebec, Province of Quebec  
 This: 09 day of October AD 2018  
 Commissioner of Oaths or Notary Public: *[Signature]*

This space for Regulatory Authority use  
 This registration must be revalidated after ten (10) years from the date of acceptance

CRN: OF20795.5  
 FID#: 15328

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.

**NUNAVUT**  
Boilers and Pressure Vessels Act

**REGISTERED**

CRN OF20795.5N  
 Date NOV 09, 2018  
 Signed *[Signature]*  
 Chief Inspector

Territorial Registration Fee

Sect. 1.0 - Fittings Rev. 1 06/2003