



COVER PAGE

CRN 0F22934.5

The following products/components and sub-assemblies are covered by the
CRN (*Canadian Registration Number*)

Products and sub-assemblies covered:

| Type Designation | Incl. sub-assembly |
|--|-----------------------|
| <i>MBT 3250</i> <i>MBT 3252</i> <i>MBT 5250</i> <i>MBT 5252</i> <i>MBT 3560</i> <i>MBT 5560</i> | |

Special conditions for use apply as follows:

| Applicable for | Special condition | Applies for |
|----------------|-------------------|-------------|
| | | |



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

www.tssa.org

January 13, 2021

BIN ZHANG
DANFOSS A/S
NORDBORGEJ 81
NORDBORG SOUTH DENMARK 6430
DK

Service Request Type: BPV-Fitting Registration
Service Request No.: 2975252
Your Reference No.:
Registered to: DANFOSS A/S

Dear BIN ZHANG,

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

CRN No.: 0F22934.5

Main Design No.: See the Scope of Registration attached
Expiry Date: January 13, 2031

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

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

Yours truly,

Liliana Constantinescu, P Eng
Tel. : 416-734-3425
lconstantinescu@tssa.org

NOTE: You cannot save the DATA you entered on this form, you must print a copy and FAX it or MAIL it!

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

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

STATUTORY DECLARATION Registration of Fittings

I, Christian Dall Larsen, Senior Director of Product Management
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Danfoss A/S
(Name of Manufacturer)

Located at Nordborgvej 81, 6430, Nordborg, Denmark +45 29667369
(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 B31.5

(Title of recognized North American Standard)

which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;

or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with _____ as supported by the attached data which identifies the dimensions, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001:2015 which has been verified by the following authority, Bureau Veritas.

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

see attached scope lists and enclosed document packs - MBT 3560/5250/3250/5252/3252/5560

(drawings, calculations, test reports, etc.)

Declared before me at _____ in the _____ of _____

the _____ day of _____ AD 20_____.

Commissioner for Oaths:

(Printed name)

(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: OF22934.5

Registered by:

Dated: JANUARY 13, 2021

NOTE: This registration expires on: JANUARY 13, 2031

Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety Program

REGISTERED

C.R.N.: OF22934.5

Signed:

Date: January 13, 2021.

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

PV 09553 (04/17)

FOR SCOPE OF REGISTRATION SEE THE ATTACHED STAMPED DOCUMENT

THE REGISTRATION COVERS TWO MANUFACTURING LOCATIONS: DENMARK AND CHINA

Scope for CRN Registration for Danfoss Components

Temperature Sensors/Transmitter

Danfoss A/S, Business Division Industrial Automation located in Nordborg in Denmark is responsible for design, engineering and manufacturing of the following refrigeration components

The CRN registration should cover the valves as tabulated below. Products must be registered as **Category "F"** (Measuring devices).

| <i>Type</i> | <i>Description</i> | Material of construction | Connection size | MDMT | <i>Temp.</i> °C (°F) | Rated pressure |
|----------------------|-------------------------|----------------------------|---|------------------|-------------------------------------|-----------------------|
| MBT 3560/5560 | Temperature transmitter | A276-03 316L A240 316TI | G 1/8" to G3/4" M 6 x 1 to 33 x 2 mm NPT 1/8"-27 to 3/4"-14 R 1/4" to 3/4" | -50°C / -58°F | -50°C (-58°F) to +200°C (+392°F) | 100 bar / 1450 psi |
| MBT 3252/5252 | Temperature transmitter | A276-03 316L A240 316TI | G 1/8" to G3/4" M 6 x 1 to 33 x 2 mm NPT 1/4"-18 to 3/4"-14 NPTF 1/4"-18 to 3/4"-14 R 3/8" to 3/4" UNF 9/16"-18 to 3/4"-16 | -50°C / -58°F | -50°C (-58°F) to +200°C (+392°F) | 75 bar / 1087 psi |
| MBT 3250/5250 | Temperature Sensors | A276-03 316L A240 316TI | G 1/8" to G3/4" M 6 x 1 to 33 x 2 mm NPT 1/8"-27 to 3/4"-14 NPTF 1/4"-18 to 3/4"-14 R 3/8" to 3/4" UNF 9/16"-18 to 3/4"-16 | -50°C / -58°F | -50°C (-58°F) to +200°C (+392°F) | 75 bar / 1087 psi |

The listed components are intended for use in refrigeration applications

The application for the Canadian National Registration must cover all Provinces and Territories.

Danfoss A/S

Senior Approval Consultant

Bin Zhang

Nordborg, Denmark

Contact information :

Bin Zhang, e-mail : zhangbin@danfoss.com, cellphone : +45 5180 8833

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

Date: March 1, 2021
Account #: 35231
Journal #: 77464

Attn: TSSA

Re: Application for Design Registration

The design, as detailed in your, 0F22934.5, for a Fitting is accepted for registration as follows:

Registered To: DANFOSS A/S

CRN: 0F22934.51

Drawing #: Scope of Registration

Drawing Revision: N/A

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:

Scope of Registration: See the Scope of Registration attached

As required by CSA B51 4.2.1, this registration expires on 13-Jan-2031. 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. Any additional conditions of registration stated in TSSA CRN# 0F22934.5 registration shall apply to BC registration.

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

Emilia Tam

emilia.tam@technicalsaftybc.ca
Design Administration

cc:

February 17, 2021

Attention: Tanya Francis
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO, ON M9W 6N9

The design submission, tracking number 2021-00569, originally received on February 03, 2021 was surveyed and accepted for registration as follows:

CRN : 0F22934.52 **Accepted on:** February 17, 2021
Reg Type: NEW DESIGN **Expiry Date:** January 13, 2031
Drawing No. : SCOPE FOR CRN REGISTRATION
Fitting type: TEMPERATURE SENSORS/TRANSMITTERS
Design registered in the name of : DANFOSS A/S

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 B31.5.

- It is our understanding that the fitting(s), included as the scope of this submission, that is(are) subject to the Safety Codes Act shall comply with the requirements of the indicated Standard or Code of Construction on the AB-41 Statutory Declaration as supported by the attached data which identifies the dimensions, materials of construction, press./temp. ratings and the basis for such ratings, and the identification marking of the fittings.*
- 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.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3337 or fax (780) 437-7787 or e-mail Dick@absa.ca.

Sincerely,



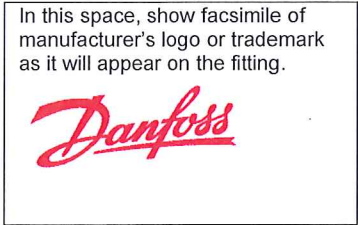
DICK, ASHLING, P. Eng.
DOP Cert. No. D00007936



STATUTORY DECLARATION Registration of Fittings

Single or Multiple Fitting Designs within one Fitting Category

I, Christian Dall Larsen, Senior Director of Product Management
(name of applicant) (position title) (must be in a position of authority)
of Danfoss A/S
(name of manufacturer)
located at Nordborgvej 81, 6430, Nordborg, Denmark
(plant address)



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

- comply with the requirements of ASME B31.5 which specifies the dimensions, 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 identification marking of the fittings.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified as described in the below Table as being suitable for the manufacturing of these fittings to the stated standard, regulation, code, guideline or other applicable document. The fittings covered by the declaration for which I seek registration are as provided in the Supplementary Sheet(s) attached.

Quality Program Verification and Manufacturing Sites

A copy of the Quality Certificate from each manufacturing site must be included

| Item # | Product Description, Model or Series | Quality Program | Scope of Certification | Expiry Date | Verifying Organization | Location(s) Plant Name and address |
|--------|--------------------------------------|-----------------|---|-------------|------------------------|---|
| 1. | Refrigeration Components | ISO 9001:2015 | Design and manufacturing of Sensors for HVOR, Heating and refrigeration and air conditioning applications | 07 Jul 2021 | Bureau Veritas | Nordborgvej 81, 6430, Nordborg, Denmark |

| | | | | | | |
|----|--------------------------|---------------|--|-------------|----------------|--|
| 2. | Refrigeration Components | ISO 9001:2015 | Design and manufacture of transmitters | 11 sep 2021 | Bureau Veritas | No.9 Quanhui road, wuqing development area, china 301700 |
|----|--------------------------|---------------|--|-------------|----------------|--|

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

See enclosed document packs. - MBT 3560/5250/3250/5252/3252/5560

[Handwritten Signature]

(Signature of the Declarer)

5/11-2020

(Date)

DECLARED before me at _____ in the _____ of _____
(city) (province, territory, or state)

this _____ day of _____, _____
(Month) (Year)

(print) _____
(a Commissioner of Oaths or Notary Public)

(sign) _____
(a Commissioner of Oaths or Notary Public)

(expiry date (mm/dd/yy))

Commissioner of Oaths / Notary Public in and for: _____
(province, territory, or state)

For ABSA Office Use Only:

NOTES: **** See attached Scope of Registration. This registration covers two manufacturing locations: Denmark and China**

| | |
|---|---|
| <p>To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Part 1, Clause 4.2, and is accepted for registration in Category _____:</p> <p>CRN: _____</p> <p>Registered Date: _____</p> <p>Expiry Date: _____</p> <p>Signature: _____ (Signature of the Administrator/SCO)</p> <p>The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Pressure Equipment Discipline</p> | <div style="border: 2px solid red; padding: 5px;"> <p>2021-00569</p> <p>ABSA</p> <p>SAFETY CODES ACT - PROVINCE OF ALBERTA</p> <p>ACCEPTED: 0F22934.52</p> <p>See acceptance letter for conditions of registration.</p> <p>Date: 2021-02-17 By: <i>[Signature]</i> ASHLING DICK, P. Eng.</p> <p>This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.</p> </div> |
|---|---|

THIS IS PART OF CRN
0F22934.5
 Technical Standards and Safety Authority
 Boilers and Pressure Vessels Safety
 Program

Scope for CRN Registration for Danfoss Components

Temperature Sensors/Transmitter

Danfoss A/S, Business Division Industrial Automation located in Nordborg in Denmark is responsible for design, engineering and manufacturing of the following refrigeration components

The CRN registration should cover the valves as tabulated below. Products must be registered as **Category "F"** (Measuring devices).

| Type | Description | Material of construction | Connection size | MDMT | Temp. °C (°F) | Rated pressure |
|----------------------|-------------------------|----------------------------|---|------------------|-------------------------------------|-----------------------|
| MBT 3560/5560 | Temperature transmitter | A276-03 316L A240 316TI | G 1/8" to G3/4" M 6 x 1 to 33 x 2 mm NPT 1/8"-27 to 3/4"-14 R 1/4" to 3/4" | -50°C / -58°F | -50°C (-58°F) to +200°C (+392°F) | 100 bar / 1450 psi |
| MBT 3252/5252 | Temperature transmitter | A276-03 316L A240 316TI | G 1/8" to G3/4" M 6 x 1 to 33 x 2 mm NPT 1/4"-18 to 3/4"-14 NPTF 1/4"-18 to 3/4"-14 R 3/8" to 3/4" UNF 9/16"-18 to 3/4"-16 | -50°C / -58°F | -50°C (-58°F) to +200°C (+392°F) | 75 bar / 1087 psi |
| MBT 3250/5250 | Temperature Sensors | A276-03 316L A240 316TI | G 1/8" to G3/4" M 6 x 1 to 33 x 2 mm NPT 1/8"-27 to 3/4"-14 NPTF 1/4"-18 to 3/4"-14 R 3/8" to 3/4" UNF 9/16"-18 to 3/4"-16 | -50°C / -58°F | -50°C (-58°F) to +200°C (+392°F) | 75 bar / 1087 psi |

The listed components are intended for use in refrigeration applications

The application for the Canadian National Registration must cover all Provinces and Territories.

Danfoss A/S

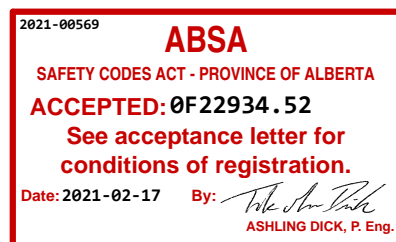
Senior Approval Consultant

Bin Zhang

Nordborg, Denmark

Contact information :

Bin Zhang, e-mail : zhangbin@danfoss.com, cellphone : +45 5180 8833



This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.

REGISTRATION OF A PRESSURE FITTING DESIGN

18-Feb-21

TSSA
345 Carlingview Drive
Toronto, Ontario
M9W 6N9

Attention: Cecylia Garbacz

File Number: 11902 [0 F]

Re: Manufacturer: Danfoss A/S
Item: Temperature Sensors/Transmitters
Catalog or Drawing: Per Scope of Registration

TSASK Codes and Standards Compliance has registered the design listed above in accordance with The Boiler and Pressure Vessel Act and Regulations and CSA B51. The Canadian Registration Number (CRN) is:

OF22934.53 Expiry Date: January 13, 2031

Please note that every fitting shall be constructed in strict accordance with the registered design.

Fitting registrations are required to be resubmitted for validation after ten (10) years from the registration date in accordance with CSA B51, Clause 4.2.1.

Should you require anything further, please do not hesitate to contact the Codes and Standards Compliance Office at your convenience.

Yours truly,



Athan Syrgiannis, P.Eng.
Codes and Standards Compliance

Remarks:

A valid quality control program must be maintained at the production facilities for the fitting registration to remain valid until the expiry date.

This registration includes both the Denmark and China manufacturing locations.



Technical Safety Authority of Saskatchewan

2202 2nd Ave.
Regina, SK S4R 1K3
PH: (306)798-7112 Toll Free: (866)530-8599
FAX: (306)787-9273 Toll Free: (866)760-9255
Email: boilerpermits@tsask.ca
Website: www.tsask.ca

Statutory Declaration (Registration of Fittings)

TSK-1008

I. Declaration Information

I, Christian Dall Larsen,
Senior Director of Product Management
(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)

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



of: Danfoss A/S
(name of manufacturer)

located at: Nordborgvej 81, 6430, Nordborg, Denmark Nordborg 6430
(Plant Address - Apt/Street) (City,Prov) (Postal Code)

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 B31.5 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, Bureau Veritas 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

In support of this application, the following information, calculations and / or test data are attached:
See enclosed document packs for MBT 3560/5250/3250/5252/3252 /5560

II. Declaration

DECLARED before me at _____ In the _____ of _____
this _____ day of _____, _____
(print name) (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 _____

(Registration Number) _____ (Date Registered - MM DD YYYY) _____ (Expiry Date - MM DD YYYY) _____
(For the Administrator / Chief Inspector)

 **Technical Safety Authority of Saskatchewan**

Registration No. OF22934.53

File No. 11902

Registered

Date: February 18, 2021

Expiry Date: January 13, 2031

Codes & Standards Compliance Office

Scope for CRN Registration for Danfoss Components

Temperature Sensors/Transmitter

Danfoss A/S, Business Division Industrial Automation located in Nordborg in Denmark is responsible for design, engineering and manufacturing of the following refrigeration components

The CRN registration should cover the valves as tabulated below. Products must be registered as **Category "F"** (Measuring devices).

| Type | Description | Material of construction | Connection size | MDMT | Temp. °C (°F) | Rated pressure |
|----------------------|-------------------------|----------------------------|---|------------------|-------------------------------------|-----------------------|
| MBT 3560/5560 | Temperature transmitter | A276-03 316L A240 316TI | G 1/8" to G3/4" M 6 x 1 to 33 x 2 mm NPT 1/8"-27 to 3/4"-14 R 1/4" to 3/4" | -50°C / -58°F | -50°C (-58°F) to +200°C (+392°F) | 100 bar / 1450 psi |
| MBT 3252/5252 | Temperature transmitter | A276-03 316L A240 316TI | G 1/8" to G3/4" M 6 x 1 to 33 x 2 mm NPT 1/4"-18 to 3/4"-14 NPTF 1/4"-18 to 3/4"-14 R 3/8" to 3/4" UNF 9/16"-18 to 3/4"-16 | -50°C / -58°F | -50°C (-58°F) to +200°C (+392°F) | 75 bar / 1087 psi |
| MBT 3250/5250 | Temperature Sensors | A276-03 316L A240 316TI | G 1/8" to G3/4" M 6 x 1 to 33 x 2 mm NPT 1/8"-27 to 3/4"-14 NPTF 1/4"-18 to 3/4"-14 R 3/8" to 3/4" UNF 9/16"-18 to 3/4"-16 | -50°C / -58°F | -50°C (-58°F) to +200°C (+392°F) | 75 bar / 1087 psi |

The listed components are intended for use in refrigeration applications

The application for the Canadian National Registration must cover all Provinces and Territories.

Danfoss A/S

Senior Approval Consultant

Bin Zhang

Nordborg, Denmark



Contact information :

Bin Zhang, e-mail : zhangbin@danfoss.com, cellphone : +45 5180 8833



Inspection and Technical Services
Municipal Relations
508-401 York Ave
Winnipeg, Manitoba Canada R3C 0P8
T 204-945-3373 F 204-948-2089
www.firecomm.gov.mb.ca/itsm_main

2/5/2021

TSSA
345 Carlingview Drive
TORONTO, ON M9W 6N9
CA

Dear Cecylia Garbacz

Re: Reciprocal CRN Registration in Manitoba

Your application indicates that a CRN has been received in another Canadian Jurisdiction, and therefore your CRN has been registered in Manitoba as follows:

File Number: 74-R1274
CRN: 0F22934.54
Scope: See the Scope of Registration attached
Manufacturer: DANFOSS A/S
Expiry Date: 13/Jan/31

Please find attached invoice for registration.

As indicated by the Regulatory Reconciliation and Cooperation Table and the Reconciliation Agreement for the Canadian Registration Number (CRN) for Pressure Equipment, a CRN issued in any Canadian Jurisdiction will be accepted for use in Manitoba.

In accordance with Steam and Pressure Plants Regulation and CSA B51, it is the manufacturer's responsibility to file a Manufacturers Data Report, including partial data reports, with our office, prior to shipping pressure equipment to Manitoba.

Please contact gasupport@gov.mb.ca for any questions or concerns.

Inspection and Technical Services
Municipal Relations
508 - 401 York Avenue, Winnipeg Manitoba R3C 0P8
T (204) 945-3373 | F (204) 948-2089

Montréal, le 18 février 2021.

MRS. TANYA FRANCIS
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO ONTARIO
CANADA M9W 6N9

Manufacturer : DANFOSS A/S
ALBUEN 29 DK 6000
KOLDING
DANEMARK

OUR REFERENCE : 949970
Design number : PER SCOPE OF REGISTRATION

Subject: Design registration confirmation

Hi,

We wish to inform you that your design registration application has been evaluated and that it was registered under the following Canadian Registration Number (CRN): **0F22934.56**.

The following is a reminder of your obligations regarding certain requirements of the regulation respecting pressure vessels, and the referenced codes and standards:

- The manufacturer must maintain a valid quality control program to manufacture equipment according to the CRN.
- The CRN remains valid as long as there are no changes to the design calculations that might affect the pressure boundary. The design registration of fittings expires 10 years after acceptance. It must, therefore, be resubmitted for validation.
- The manufacturer shall submit a copy of the *Manufacturer's Data Report* to us for each equipment manufactured according to this CRN within 30 days following the signing of this report.
- The drawing number and the revision number registered under this CRN must be indicated on the *Manufacturer's Data Report* for equipment manufactured according to the CRN.

This notice of approval does not relieve the manufacturer of their responsibilities with respect to the design or fabrication of equipment manufactured according to this CRN.

Yours sincerely,

Bureau d'expertise et d'homologation en équipements sous pression

Montréal

545, boul. Crémazie Est, 7ième étage
Montréal (Québec) H2M 2V2
Téléphone : 514 873-6459
Sans frais : 1 866 262-2084
www.rbq.gouv.qc.ca



Statutory Declaration Registration of Fittings

Building Act (B-1.1)
 Regulation respecting pressure vessels (B-1.1, r. 6.1)
 Boiler, pressure vessel, and pressure piping code (CSA B51)

This declaration must be filled out and sent to the Régie du bâtiment du Québec (RBQ) by pressure fitting manufacturers when they make an application registration for fittings.
 For more information on the application registration for fittings, consult the www.rbq.gouv.qc.ca/fittings-pv.

1. Fittings to register

List the fittings included in this declaration and that you wish to register.

| N° | Description | Additional information (detail, calculations or approval sheets) |
|----|--------------------------------|--|
| 1 | Temperature transmitter/sensor | MBT 3560/5250/3250/5252/3252 /5560 |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |

2. Declaration of the person in charge

The person in charge is someone in a position of authority, such as a vice-president, a plant manager or a chief engineer.

2.1 Design

I, the undersigned, Christian Dall Larsen Senior Director of Product Management
(Name of the person in charge) (Title of the person in charge)

from Danfoss A/S, located at Nordborgvej 81, 6430, Nordborg, Denmark
(Company's name) (Plant's address)


hereby declare that the above-mentioned fittings and subject to the Regulation respecting pressure installations:

comply with the requirements of the ANSI/ASME codes as to their dimensions, identification, material and purpose
 or
 are not covered by the ANSI/ASME codes, but are in compliance with _____
(Name of code or standard)

code or standard and are designed according to the best current engineering practice, as proven by the enclosed approval report.

2.2 Manufacturing quality control

I further declare that the manufacture of these fittings is controlled by a quality control program that complies with the requirements of the following code: ISO 9001:2015, and has been verified by Bureau Veritas
(Name of code) (Authorized agency)

Signature of the person in charge:  Date (yyyy-mm-dd): 2020-11-05

3. Declaration of commissioner for oaths

| | |
|--|----------------------|
| I certify that this declaration has been administered before me, at _____, on _____. | |
| (Location) | (Date (yyyy-mm-dd)): |
| Signature of commissioner for oaths: | Date (yyyy-mm-dd): |
| Stamp the seal: | |

4. Registration confirmation (for RBQ's use only)

| | |
|---|---------------------------------|
| As far as I know, this application complies with the requirements of the Act and with standard CSA B51, Part 1, section 4.2, and is accepted for registration in the class _____. | |
| This registration expires in ten (10) years after the date of registration indicated above, and it must be validated again after this period. | |
| Canadian registration number (CRN): | Registration date (yyyy-mm-dd): |



Documents to attach

Any application registration for fittings must include these documents:

- Statutory Declaration Registration of Fittings (2 copies)
- Detailed calculations or burst test report (1 copy)
- Detailed technical drawings or catalogues (2 copies)
- Example of the manufacturer's marking (1 copy)
- Proof that a valid and approved quality control program has been implemented (1 copy)
- Form Application for design registration (1 copy)

Sending the form

This declaration is mandatory in order to submit an application registration of fittings.

Application registration for fittings must only be sent by mail to this address:

Bureau d'expertise et d'homologation en équipements sous pression
Régie du bâtiment du Québec
545, boulevard Crémazie Est, 7^e étage
Montréal (Québec) H2M 2V2

Scope for CRN Registration for Danfoss Components

Temperature Sensors/Transmitter

Danfoss A/S, Business Division Industrial Automation located in Nordborg in Denmark is responsible for design, engineering and manufacturing of the following refrigeration components

The CRN registration should cover the valves as tabulated below. Products must be registered as **Category "F"** (Measuring devices).

| Type | Description | Material of construction | Connection size | MDMT | Temp. °C (°F) | Rated pressure |
|----------------------|-------------------------|----------------------------|---|------------------|-------------------------------------|-----------------------|
| MBT 3560/5560 | Temperature transmitter | A276-03 316L A240 316TI | G 1/8" to G3/4" M 6 x 1 to 33 x 2 mm NPT 1/8"-27 to 3/4"-14 R 1/4" to 3/4" | -50°C / -58°F | -50°C (-58°F) to +200°C (+392°F) | 100 bar / 1450 psi |
| MBT 3252/5252 | Temperature transmitter | A276-03 316L A240 316TI | G 1/8" to G3/4" M 6 x 1 to 33 x 2 mm NPT 1/4"-18 to 3/4"-14 NPTF 1/4"-18 to 3/4"-14 R 3/8" to 3/4" UNF 9/16"-18 to 3/4"-16 | -50°C / -58°F | -50°C (-58°F) to +200°C (+392°F) | 75 bar / 1087 psi |
| MBT 3250/5250 | Temperature Sensors | A276-03 316L A240 316TI | G 1/8" to G3/4" M 6 x 1 to 33 x 2 mm NPT 1/8"-27 to 3/4"-14 NPTF 1/4"-18 to 3/4"-14 R 3/8" to 3/4" UNF 9/16"-18 to 3/4"-16 | -50°C / -58°F | -50°C (-58°F) to +200°C (+392°F) | 75 bar / 1087 psi |

The listed components are intended for use in refrigeration applications

The application for the Canadian National Registration must cover all Provinces and Territories.

Danfoss A/S

Senior Approval Consultant

Bin Zhang

Nordborg, Denmark

Contact information :

Bin Zhang, e-mail : zhangbin@danfoss.com, cellphone : +45 5180 8833





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: Danfoss A/S | |
| Manufacturers Address: Norborgvej 81, 6430, Nordborg, Denmark | |
| Plant Locations: Norborgvej 81, 6430, Nordborg, Denmark | |
| <p align="center">Category of Fittings to be registered. Circle one Category only</p> <p>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="checkbox"/> 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)</p> | <p align="center">Title of the Standard of Construction</p> <p>ASME B31.5</p> <p>Category of fittings: F - Measuring devices</p> |
| <p>Show Manufacturers Name, Trademark, or Logo as it will appear on the product</p> <p align="center"><i>Danfoss</i></p> | <p align="center">Type of Construction</p> <p>Forged <input type="checkbox"/> Welded <input type="checkbox"/> Wrought <input checked="" type="checkbox"/> Cast <input type="checkbox"/> Other <input type="checkbox"/> Describe other:</p> |
| <p>List of supporting documentation and identification of the actual items to be registered:</p> <p>see enclosed document packs. - MBT 3560/5250/3250/5252/3252/5560</p> | |

Declaration:

I, Christian Dall Larsen, Senior Director of Product Management (see note 3) employed by Danfoss A/S 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 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 Bureau Veritas 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: *Christian Dall Larsen*
 Declared before me at _____
 This _____ day of _____ AD _____
 Commissioner of Oaths
 Or Notary Public: (sign) _____
 (Affix Official seal to the right)

Use this space for the Official Seal

Brunswick

DEPT OF JUSTICE PUBLIC SAFETY
BOILER & PRESSURE VESSEL ACT

REGISTRATION ONLY

CRN OF22934.57

Sam Adams
CHIEF BOILER INSPECTOR

DATE 2/12/21

Sect 1.0 - Fittings Rev.2

BLRs PVs

FITTINGS NUCLEAR COMPONENTS

This space for Regulatory Authority use.

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

CRN: OF22934.5

FID#: 1348

MBT 3560/5560, MBT 3252/5252 Temperature transmitters; MBT 3250/5250 Temperature sensors.

Notes:


- All Fittings shall be registered in the name of the Manufacturer.
- Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.
- The Declaration shall be made by the person having full authority and responsibility for the quality of the end product.
- Quality Control programs shall be resubmitted for validation.

CRN expires Jan.13th, 2031 - DG
11/2016



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: <u>Danfoss A/S</u> | |
| Manufacturers Address: <u>Norborgvej 81, 6450, Nordborg, Denmark</u> | |
| Plant Locations: <u>Norborgvej 81, 6430, Nordborg, Denmark</u> | |
| <u>Category of Fittings to be registered. Circle one Category only</u> | |
| 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="checkbox"/> 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) | <u>Title of the Standard of Construction</u> ASME B31.5 Category of fittings: F - Measuring devices |
| <u>Show Manufacturers Name, Trademark, or Logo as it will appear on the product</u> | |
|  | <u>Type of Construction</u> Forged <input type="checkbox"/> Welded <input type="checkbox"/> Wrought <input type="checkbox"/> Cast <input type="checkbox"/> Other <input type="checkbox"/> Describe other: |
| <u>List of supporting documentation and identification of the actual items to be registered:</u> | |
| see enclosed document packs. - MBT 3560/5250/3250/5252/3252/5560 | |

Declaration:

I, Christine Datt Larsen, Senior Director of Product Management, (see note 3) employed by Danfoss A/S 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 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 Danfoss Veritas 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 _____

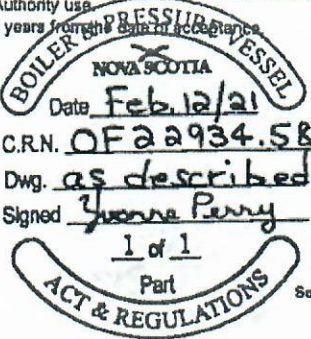
This _____ day of _____ AD _____

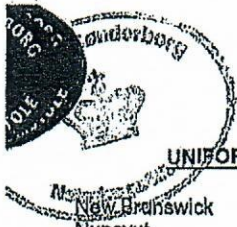
Commissioner of Oaths _____

Or Notary Public: (sign) _____

(Affix Official seal to the right)

Use this space for the Official Seal

| | |
|---|--|
| This space for Regulatory Authority use. This registration must be revalidated after ten (10) years from the date of issuance. CRN: <u>OF22934.5</u> FID#: <u>1348</u> <u>MBT 3560/5560, MBT 3250/5252 Temperature transmitters; MBT 3250/5250 Temperature sensors.</u> 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. CRN expires Jan. 13th, 2031 - DG <small>1/2018</small> |  |
|---|--|




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>Danfoss A/S</u> | |
| Manufacturers Address: <u>Norbergvej 81, 8430, Nordborg, Denmark</u> | |
| Plant Locations: <u>Norbergvej 81, 8430, Nordborg, Denmark</u> | |
| <p align="center">Category of Fittings to be registered. Circle one Category only</p> <p>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="checkbox"/> 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)</p> | <p align="center">Title of the Standard of Construction</p> <p>ASME B31.5</p> <p align="center">Category of fittings:</p> <p>F - Measuring devices</p> |
| <p>Show Manufacturers Name, Trademark, or Logo as it will appear on the product</p> <p align="center"></p> | |
| <p align="center">Type of Construction</p> <p>Forged <input type="checkbox"/> Welded <input type="checkbox"/> Wrought <input checked="" type="checkbox"/> Cast <input type="checkbox"/> Other <input type="checkbox"/> Describe other:</p> | |
| <p>List of supporting documentation and identification of the actual items to be registered:</p> <p>see enclosed document packs. - MBT 3560/5250/3250/5252/3252/5560</p> | |

Declaration:

I, Christian Dal Lenz, Senior Director of Product Management (see note 3) employed by Danfoss A/S 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 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 Bureau Veritas 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 _____


This _____ day of _____ AD _____

Commissioner of Oaths

Or Notary Public: (sign) _____

(Affix Official seal to the right)

Use this space for the Official Seal

| | |
|---|--|
| <p>CRN: <u>OF22934.5</u></p> <p>FID#: <u>1348</u></p> <p>MBT <u>3560/5560</u>, MBT <u>3252/5252</u> Temperature transmitters; MBT <u>3250/5250</u> Temperature sensors.</p> <p><small>1. All Fittings shall be registered in the name of the Manufacturer.</small></p> <p>2. Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.</p> <p>3. The Declaration shall be made by the person having full authority and responsibility for the quality of the end product.</p> <p>4. Quality Control programs shall be resubmitted for validation.</p> <p>CRN expires Jan. 13th, 2031 - DG 11/2018</p> | <p align="center">This space for Regulatory Authority use</p> <p align="center">ACCEPTED</p> <p align="center">This registration must be revalidated after ten (10) years from the date of acceptance.</p> <p align="center">PROVINCE OF PRINCE EDWARD ISLAND COMMUNITIES, LAND & ENVIRONMENT</p> <p>C.R.N. <u>OF22934.59</u></p> <p>DATE: <u>Feb 12 2021</u></p> <p align="center"> INSPECTION SERVICES SECTION BOILER/PRESSURE VESSEL BRANCH</p> <p align="right">1.0 - Fittings Rev.2</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: <u>Danfoss A/S</u> | |
| Manufacturers Address: <u>Norborgvej 81, 6430, Nordborg, Denmark</u> | |
| Plant Locations: <u>Norborgvej 81, 6430, Nordborg, Denmark</u> | |
| <p align="center">Category of Fittings to be registered. Circle one Category only</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="checkbox"/> 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>Show Manufacturers Name, Trademark, or Logo as it will appear on the product</p> <div style="text-align: center; font-size: 2em; font-family: cursive;">Danfoss</div> | <p align="center">Title of the Standard of Construction</p> <p align="center">ASME B31.5</p> <p>Category of fittings: F - Measuring devices</p> <p align="center">Type of Construction</p> <p>Forged <input type="checkbox"/> Welded <input type="checkbox"/> Wrought <input checked="" type="checkbox"/></p> <p>Cast <input type="checkbox"/> Other <input type="checkbox"/></p> <p>Describe other:</p> |
| List of supporting documentation and identification of the actual items to be registered: | |
| see enclosed document packs. - MBT 3560/5250/3250/5252/3252/5560 | |

Declaration:

I, Christian Dall Larsen, Senior Director of Product Management (see note 3) employed by Danfoss A/S 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 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 Bureau Veritas 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 _____

This _____ day of _____ AD _____

Commissioner of Oaths

Or Notary Public: (sign) _____

Use this space for the Official Seal

(Affix Official seal to the right)

| | |
|---|--|
| <p align="center">This space for Regulatory Authority use.</p> <p align="center">This registration must be revalidated after ten (10) years from the date of acceptance.</p> <p>CRN: <u>0F22934.5</u></p> <p>FID#: <u>1348</u></p> <p>MBT <u>3560/5560, MBT 3252/5252 Temperature transmitters; MBT 3250/5250 Temperature sensors.</u></p> <ol style="list-style-type: none"> 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. <p>CRN expires Jan.13th, 2031 - DG</p> | <p>Newfoundland and Labrador</p> <p>Service NL</p> <p>Registered <u>0F22934/50</u></p> <p>Date <u>21/02/12</u></p> <p>Engineering and Inspection Services</p> <p>Registered by <u></u></p> <p>UNDER THE AUTHORITY OF THE PUBLIC SAFETY AND THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULATIONS</p> <p align="right"><small>Sect 10 - Fittings Rev.2</small></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: Danfoss A/S | |
| Manufacturers Address: Norborgvej 81, 6430, Nordborg, Denmark | |
| Plant Locations: Norborgvej 81, 6430, Nordborg, Denmark | |
| <p>Category of Fittings to be registered. Circle one Category only</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="checkbox"/> 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>Title of the Standard of Construction</p> <p>ASME B31.5</p> <p>Category of fittings: F - Measuring devices</p> |
| Show Manufacturers Name, Trademark, or Logo as it will appear on the product | |
| | |
| <p>Type of Construction</p> <p>Forged <input type="checkbox"/> Welded <input type="checkbox"/> Wrought <input type="checkbox"/></p> <p>Cast <input type="checkbox"/> Other <input type="checkbox"/></p> <p>Describe other:</p> | |
| <p>List of supporting documentation and identification of the actual items to be registered:</p> <p>see enclosed document packs. - MBT 3560/5250/3250/5252/3252/5560</p> | |

Declaration:

I, Christian Dall Larsen, Senior Director of Product Management (see note 3) employed by Danfoss A/S 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 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 Bureau Veritas 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 _____

This _____ day of _____ AD _____

Commissioner of Oaths

Or Notary Public: (sign) _____

(Affix Official seal to the right)

Use this space for the Official Seal

| | |
|--|--|
| <p>This space for Regulatory Authority use.</p> <p>This registration must be revalidated after ten (10) years from the date of acceptance.</p> | |
| CRN: <u>0F22934.5</u> | |
| FID#: <u>1348</u> | |
| <p>MBT 3560/5560, MBT 3252/5252 Temperature transmitters; MBT 3250/5250 Temperature sensors.</p> <p><small>All Fittings shall be registered in the name of the Manufacturer.</small></p> | |
| <p>2. Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.</p> <p>3. The Declaration shall be made by the person having full authority and responsibility for the quality of the end product.</p> <p>4. Quality Control programs shall be resubmitted for validation.</p> | |
| <p>CRN expires Jan.13th, 2031 - DG 11/2016</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: Danfoss A/S | |
| Manufacturers Address: Norborgvej 81, 6430, Nordborg, Denmark | |
| Plant Locations: Norborgvej 81, 6430, Nordborg, Denmark | |
| <p align="center">Category of Fittings to be registered. Circle one Category only</p> <p>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="checkbox"/> 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)</p> | <p align="center">Title of the Standard of Construction</p> <p>ASME B31.5</p> <p align="center">Category of fittings:</p> <p>F - Measuring devices</p> |
| <p>Show Manufacturers Name, Trademark, or Logo as it will appear on the product</p> <p align="center"><i>Danfoss</i></p> | <p align="center">Type of Construction</p> <p>Forged <input type="checkbox"/> Welded <input type="checkbox"/> Wrought <input type="checkbox"/> Cast <input type="checkbox"/> Other <input type="checkbox"/> Describe other:</p> |
| <p>List of supporting documentation and identification of the actual items to be registered:</p> <p>see enclosed document packs. - MBT 3560/5250/3250/5252/3252/5560</p> | |

Declaration:

I, Christine Dahl Larsen, Senior Director of Product Management (see note 3) employed by Danfoss A/S 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 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 Business Veritas 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: *Christine Dahl Larsen*

Declared before me at _____


This _____ day of _____ AD _____

Commissioner of Oaths _____

Or Notary Public: (sign) _____

Use this space for the Official Seal

(Affix Official seal to the right)

| | |
|--|---|
| <p align="center">This space for Regulatory Authority use.</p> <p align="center">This registration must be revalidated after ten (10) years from the date of acceptance.</p> <p>CRN: <u>0F22934.5</u></p> <p>FID#: <u>1348</u></p> <p><u>MBT 3560/5560, MBT 3252/5252 Temperature transmitters; MBT 3250/5250 Temperature sensors.</u></p> <ol style="list-style-type: none"> All fittings shall be registered in the name of the manufacturer. Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. The Declaration shall be made by the person having full authority and responsibility for the quality of the end product. Quality Control programs shall be resubmitted for validation. <p>CRN expires Jan. 13th, 2031 - DG 11/2018</p> | <p align="center"></p> <p align="center">Northwest Territories</p> <p align="center">REGISTERED UNDER THE AUTHORITY OF THE BOILER AND PRESSURE VESSEL ACT.</p> <p>C.R.N. <u>0F22934.5</u></p> <p>SIGNED <u><i>[Signature]</i></u></p> <p>DATE <u>Feb 16 2021</u></p> |
|--|---|

16300



UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

MBT
New Brunswick
Nunavut

Nova Scotia
Yukon

Prince Edward Island
Northwest Territories

Newfoundland and Labrador

| | |
|---|--|
| Manufacturers Name: Danfoss A/S | |
| Manufacturers Address: Norborgvej 61, 6430, Nordborg, Denmark | |
| Plant Locations: Norborgvej 61, 6430, Nordborg, Denmark | |
| <p align="center">Category of Fittings to be registered. Circle one Category only</p> <p>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="checkbox"/> 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)</p> | |
| <p align="center">Title of the Standard of Construction</p> <p>ASME B31.5</p> <p align="center">Category of fittings:</p> <p>F - Measuring devices</p> | |
| <p align="center">Show Manufacturers Name, Trademark, or Logo as it will appear on the product</p> <p align="center"><i>Danfoss</i></p> | |
| <p align="center">Type of Construction</p> <p>Forged <input type="checkbox"/> Welded <input type="checkbox"/> Wrought <input type="checkbox"/> Cast <input type="checkbox"/> Other <input type="checkbox"/> Describe other:</p> | |
| <p align="center">List of supporting documentation and identification of the actual items to be registered:</p> <p>see enclosed document packs. - MBT 3560/5250/3250/5252/3252/5560</p> | |

Declaration:

I, Christian Oel Larsen, Senior Director of Product Management (see note 3) employed by Danfoss A/S 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 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 Bureau Veritas 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: *Christian Oel Larsen*
 Declared before me at _____
 This _____ day of _____ AD _____
 Commissioner of Oaths
 Or Notary Public: (sign) _____

Use this space for the Official Seal

(Affix Official seal to the right)

| | |
|---|--|
| <p align="center">This space for Regulatory Authority Use: This registration must be revalidated after ten (10) years from the date of acceptance.</p> <p>CRN: <u>OF22934.5</u></p> <p>FID#: <u>1348</u></p> <p>MBT 3560/5560, MBT 3252/5252 Temperature transmitters; MBT 3250/5250 Temperature sensors.</p> <p>2. Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.</p> <p>3. The Declaration shall be made by the person having full authority and responsibility for the quality of the end product.</p> <p>4. Quality Control programs shall be resubmitted for validation.</p> <p>CRN expires Jan. 13th, 2031 - DG</p> | <p align="center">NUNAVUT</p> <p align="center">Boilers and Pressure Vessels Act</p> <p align="center">REGISTERED</p> <p>CRN <u>OF22934.5N</u></p> <p>Date <u>Feb 12, 2021</u></p> <p>Signed <u><i>Christian Oel Larsen</i></u> Chief Inspector</p> <p align="center">Territorial Registration Fee</p> |
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