



COVER PAGE

CRN 0C23023.5

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
CCMT 2 - 8	

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

February 24, 2021
BIN ZHANG
DANFOSS A/S
NORDBERG, SOUTH DENMARK

Service Request Type: BPV-Fitting Registration
Service Request No.: 3010438
Your Reference No.: CCMT 2-8

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.: 0C23023.5

Main Design No.: SEE THE ATTACHED STAMPED SCOPE OF REGISTRATION

Expiry Date: FEB 24, 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



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, Claus Juhl, Lead expert of design and approval
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Danfoss A/S
(Name of Manufacturer)

Located at Albuen 29, 6000, Kolding, Denmark +45 21159209
(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 C type fittings. In support of this application, the following information and/or test data are attached as follows:
See enclosed document pack for CCMT 2-8
(drawings, calculations, test reports, etc.)

Declared before me at _____ in the _____ of _____
 the 21 day of 01 AD 2021.

Commissioner for Oaths:

(Printed name)

(Signature)

Claus Juhl
(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 C.

CRN: 0C23023.5

Registered by: LILIANA CONSTANTINESCU

Dated: FEBRUARY 24, 2021

NOTE: This registration expires on: FEBRUARY 24, 2031

Technical Standards and Safety Authority	Boilers and Pressure Vessels Safety Program
REGISTERED	
C.R.N.: 0C23023.5	
Signed: <u>LL</u>	
Date: February 24, 2021.	

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



This is to certify that **Claus Juhl** today in my presence at the Notarial Office approved and signed the above document. No conspicuous corrections or addenda were found in the document.

Claus Juhl has proved his identity by showing passport.

The Court in Kolding, Denmark, 2021.01.21,

Lis Lund Pedersen
Notary Public



Scope for CRN Registration for Danfoss Components

Industrial refrigeration valves

Danfoss A/S, Business Division Refrigeration and Automatic Controls located in Kolding 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 "C"** (Valves/Fittings registration).

Type	Description	Material of construction	Connection size	MDMT	Temp. °C (°F)	Rated pressure
CCMT 2-8	Electric regulating valves	A473-01 304	Combined Butt weld 1/2 inch and Solder 5/8 inch	-40°C / -40°F	-40°C (-40°F) to +60°C (+140°F)	140 bar / 2030 psi

THIS IS PART OF CRN
0C23023.5
Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety Program

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 Specialist

Bin Zhang

Nordborg, Denmark

Contact information :

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