



Montréal, 11 MAI 2020

MME TANYA FRANCIS  
TECHNICAL STANDARDS & SAFETY AUTHORITY  
345 CARLINGVIEW DRIVE  
TORONTO, ON  
ITALY M9W 6N9

Fabricant : DONALDSON FILTRATION DEUTSCHLAND GMBH  
1 BUSSINGSTRABE  
HAAN GERMANY  
D-42781

Numéro de dossier :951258  
Numéro(s) de dessin (s) : GAS/STEAM FILTER HOUSINGS

**Objet : Enregistrement des plans et devis – Confirmation de l'enregistrement**

Madame,

La Régie du bâtiment du Québec (RBQ) vous informe que votre demande d'enregistrements de plans et devis a été traitée et que cette conception a été enregistrée sous le numéro d'enregistrement canadien (NEC\CRN) :0E22287.56

Nous portons à votre attention cette exigence applicable à la réglementation sur les appareils sous pression et des codes et normes qui y sont associés :

- Le constructeur doit maintenir un système de contrôle de la qualité valide pour fabriquer selon ce NEC.

Le présent avis d'approbation ne dégage pas le constructeur de ses responsabilités quant à la conception ou à la construction des équipements fabriqués selon ce NEC.

Salutations distinguées,

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

**Montréal**

545, boul. Crémazie Est, 7<sup>e</sup> étage  
Montréal (Québec) H2M 2V2  
Téléphone : 514 873-6459  
Sans frais : 1 866 262-2084  
[www.rbq.gouv.qc.ca](http://www.rbq.gouv.qc.ca)

Montréal, MAY 11, 2020

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Manufacturer : DONALDSON FILTRATION DEUTSCHLAND GMBH  
1 BUSSINGSTRABE  
HAAN GERMANY  
D-42781

Our reference : 951258  
Design number : GAS/STEAM FILTER HOUSINGS

**Subject: Registration of designs – Confirmation of approval**

Dear Madam,

The Régie du bâtiment du Québec (RBQ) informs you that your application for the registration of designs has been evaluated and that the design was registered under the Canadian Registration Number (CRN\NEC) :0E22287.56.

We bring your attention this requirement of the regulation respecting pressure vessels, and the codes and standards adopted :

- The manufacturer must maintain a valid quality control program to produce according to the CRN.

This notice of approval does not relieve the constructor of his responsibilities with respect to the design or construction of equipment manufactured according to this CRN.

Yours sincerely,

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

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## Statutory Declaration Registration of Fittings



**(a) Design Qualification**

I COLTER MARCKS  
(Name of applicant)

ENGINEERING MANAGER  
(Position eg, president, plant manager, chief eng.)

of DONALDSON FILTRATION DEUTSCHLAND GMBH  
(name of company)

Located at BUSSINGSTRASSE 1, HAAN, 42781, GERMANY  
(plant address)

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

comply with all the requirements of the ANSI/ASME codes as to their dimensions, material, identification & service for which are required:

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

The fittings<sup>2</sup> covered by this declaration, for which I seek registration, are FILTERS

In support of the application, the following information, calculations and/or test data are attached:  
SCOPE OF CRN REGISTRATION, REPORTS, DRAWINGS, CALCULATIONS.

Declared before me at BLOOMINGTON MINNESOTA

In the of STATE of MINNESOTA

The 30 day of JANUARY AD 2020

Brenda Case  
A (commissioner for oaths)

[Signature]  
Signature of Declarer<sup>1</sup>



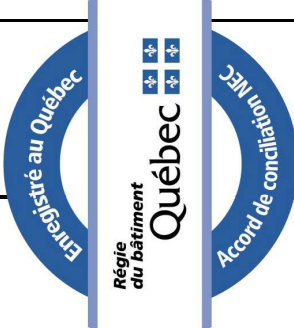
For Official Use Only	
The application is accepted for registration in Category _____ in accordance with the Boilers and CSA Standard B51.	
This registration must be revalidated after ten (10) years from the date of acceptance.	
Registered Number CRN _____	For the Chief Inspector _____
_____	Date <u>0E22287.56</u>
_____	<u>11 MAI 2020</u>



<sup>1</sup> Three completed copies of Statutory Declaration form together with three copies of Catalogs, drawings or Bulletins illustrating above fittings shall be submitted.  
<sup>2</sup> All fittings are required to be registered in the name of the Manufacturer.  
<sup>3</sup> This form shall be completed and signed by the president of highest official in the manufacturing plant where the fitting is produced.

**SCOPE OF CRN REGISTRATION**

Product Description	Design Code	Materials of Construction (Note 4)	Inlet/Outlet Connections	Inlet/Outlet Size	Model No.	MAWP at MAWT (Note 1,2,3)	Min. Test Pressure	MDMT (Note 3)	Design Report
Gas/Steam Filter Housings	ASME B31.3, ASME B31.1	Tube UNS S30400/1.4301/ ASTM A269-304.	FNPT, FBSPT, FNPT, FBSPT, Pipe Butt weld, Ferrule End (Note 5), Tube Butt weld	1/4"	P-EG 0006	232 psig at 302°F	369 psig	-20°F	R-1027 Rev. 0
		Pipe UNS S30400/1.4301/ ASTM A312-304.		3/8"	P-EG 0009	232 psig at 302°F	369 psig		
		Heads UNS S30400/1.4301/ ASTM A240-304.		1/2"	P-EG 0012	232 psig at 302°F	369 psig		
		Couplings UNS S30400/1.4301/ ASTM A182-304.		3/4"	P-EG 0018				
		Flanges UNS S30400/1.4301/ ASTM A182-304.		1"	P-EG 0027				
		Ferrules UNS S30400/1.4301/ ASTM A479-304.		1-1/4"	P-EG 0036				
				1-1/2"	P-EG 0048				
				2"	P-EG 0072				
				2"	P-EG 0108				
				2-1/2"	P-EG 0144				
				3"	P-EG 0192				
				3"	P-EG 0288	174 psig at 302°F	277 psig		
				1/2"	P-EG 0012	232 psig at 100°F	369 psig		
				3/4"	P-EG 0018	232 psig at 196°F			
				1"	P-EG 0027	230 psig at 200°F			
				1-1/4"	P-EG 0036	205 psig at 300°F			
				1-1/2"	P-EG 0048	206 psig at 302°F			
				2"	P-EG 0072				
				2"	P-EG 0108				
				2-1/2"	P-EG 0144				
	3"	P-EG 0192							
	3"	P-EG 0288	174 psig at 302°F	277 psig					



**Note 1:** MAWP = Maximum Allowable Working Pressure, MAWT = Maximum Allowable Working Temperature, MDMT = Minimum Design Metal Temperature.

**Note 2:** The pressure-temperature ratings shown are the maximum CRN pressure-temperature ratings. In all cases the MAWP may be limited by the seat or seal material or other considerations. Please consult Donaldson literature.

**Note 3:** Products that are to operate at low temperatures shall conform to the rules of the applicable codes under which they are used.

**Note 4:** Material grades Type 304/304L dual rated, Type 316/316L dual rated and Type 316 may substitute for grade Type 304.

**Note 5:** The Inlet/Outlet Clamp Ferrule connection shall be used with a clamp, however the Inlet/Outlet assembly clamp is not part of this CRN. Pressure-Temperature ratings may be limited by the clamp type used in the joint assembly. The clamp used to complete the joint shall have its own CRN and shall have pressure-temperature ratings the same or higher than the product ratings. The inlet/outlet clamps shall be registered in the Province / Jurisdiction of installation before these filters are put into service.