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www.tssa.org

September 28, 2018

SCOTT ISLIP
ROUND ENGINEERING INC
10 SEGWUN RD
WATERDOWN ON L8B 0K6
CA

Service Request Type: BPV-Fitting Registration
Service Request No.: 2391352
Your Reference No.: R-0849
Registered to: DONALDSON FILTRATION DEUTSCHLAND GMBH

Dear SCOTT ISLIP,

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

CRN No.: 0E20741.5
Main Design No.: SANITARY FILTER HOUSINGS - SEE SCOPE OF REGISTRATION
Expiry Date: 28-Sep-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. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Wendy Du, P.Eng.
Technical Standards & Safety Authority
Boilers & Pressure Vessels Safety Program
Tel.: 416-734-3566
Fax: 416-231-6183
Email: wdu@tssa.org



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

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



STATUTORY DECLARATION

Registration of Fittings

I, COLTER MARCKS, ENGINEERING MANAGER

(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of DONALDSON FILTRATION DEUTSCHLAND GMBH

(Name of Manufacturer)

Located at BUSSINGSTRASSE 1, HAAN, 42781, GERMANY

(Plant Address)

+49 2129 569-0

(Telephone No.)

+49 2129 569-100

(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 CODES

(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 which has been verified by the following authority, SGS

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

SCOPE OF CRN REGISTRATION, REPORTS, DRAWINGS, CALCULATIONS

(drawings, calculations, test reports, etc.)

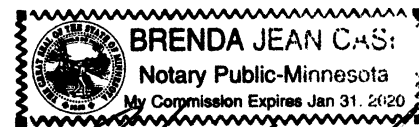
Declared before me at BLOOMINGTON in the STATE of MINNESOTA

the 14TH day of AUGUST AD 2018.

Commissioner for Oaths:

Brenda Case
(Printed name)

Brunda Case
(Signature)



[Signature]
(Signature of Declarer)

FOR OFFICE USE ONLY

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

CRN: DE 20741.5

Registered by: Wandy J...

Dated: Sept. 28, 2018

NOTE: This registration expires on Sept. 28, 2028

Technical Standards and Safety Authority	Boilers and Pressure Vessels Safety Program
REGISTERED	
C.R.N.: <u>DE 20741.5</u>	
Signed: <u>Wandy J...</u>	
Date: <u>Sept. 28, 2018</u>	



Donaldson Filtration Deutschland GmbH
 BUSSINGSTRASSE 1, HAAN,
 42781, GERMANY

SCOPE OF CRN REGISTRATION

Product Description	Design Code	End Connection (Note 4)	Material of Construction (Note 5)	Inlet/Outlet Size	Model No.	MAWP at MAWT (Note 1,2,3)	Min. Test Pressure	MDMT (Note 3)	Design Report
Sanitary Filter Housings	ASME B31.3, ASME B31.1, ASME BPE	Clamp Ferrule, Butt weld	UNS S31603 / 1.4404 / ASTM A269-316L	1/2"	PG-EG 0006	15.2 Barg at 200°C / 220 Psig at 392°F	25 Barg / 356 Psig	-29°C / -20°F	R-0849
			UNS S31603 / 1.4404 / ASTM A312-316L	3/4"	PG-EG 0018				
			UNS S31603 / 1.4404 / ASTM A240-316L	1"	PG-EG 0032				
			UNS S31603 / 1.4404 / ASTM A479-316L	2"	PG-EG 0072				
				2-1/2"	PG-EG 0144				
				3"	PG-EG 0192				

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: 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.

Note 5: Material grades 304, 304L and 316 may substitute for grade 316L.

