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

December 18, 2018

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

Service Request Type.: BPV-National BC
Service Request No.: 2435996
Your Reference No.: R-0849
Registered to.: DONALDSON FILTRATION DEUTSCHLAND GMBH

Dear SCOTT ISLIP,

Please find enclosed the original response from BC, registered under the CRN No.: 0E20741.51.

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you.
For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Tanya Francis
Administrative Assistant_ BPV Engineering
Tel. : 416-734-3423
Fax : 416-231-6183
Email :tfrancis@tssa.org

TECHNICAL SAFETY BC

Suite 600 - 2889 E 12th Ave
Vancouver, BC V5M 4T5

Toll Free: 1-866-566-7233
www.technicalsafetybc.ca

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

Date: November 16, 2018
Account #: 35231
Journal #: 72088

Attn: TANYA FRANCIS

Re: Application for Design Registration

The design, as detailed in your, TSSA SR# 2435996, for a Fitting is accepted for registration as follows:

Registered To: DONALDSON FILTRATION DEUTSCHLAND GMBH **CRN:** 0E20741.51

MDMT: -20 deg F **MAWT:** 392 deg F **MAWP:** 220 psig

Drawing #: Report R-0849 **Drawing Revision:** 0

Conditions Of Registration:

Registration of PG-EG Sanitary Filter Housings 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 September 28, 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@technicalsafetybc.ca
Design Administration

cc:

Donaldson
Filtration Solutions

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, Buttweld	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.

TECHNICAL SAFETY BC
CRN #: OE20741.51
Date: Nov 13, 2018
BC J#: 72088

THIS IS PART OF
CRN OE20741.5
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program