



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

www.tssa.org

August 7, 2024

ROUND ENGINEERING INC
10 SEGWUN RD
WATERDOWN ON L8B 0K6

Workorder Type: Registration - Fitting(Conventional)
Workorder No: 14400988
Your Reference No.: R-1808 - NATIONAL SERVICE
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 : 0E25416.5
Main Design No.: R-1808 Scope of Registration March 18, 2024
Expiry Date: Aug 07, 2034

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

Certification of unlisted materials as equivalents to ASTM/ASME materials is the responsibility of the manufacturer

The stamped copy of the approved registration and the invoice are mailed separately (There will be no hard copies for electronic submissions). 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,

A handwritten signature in black ink, appearing to read "Shreyas Madhuranath", written over a horizontal line.

Shreyas Madhuranath M.Eng, P.Eng
Engineer, BPV



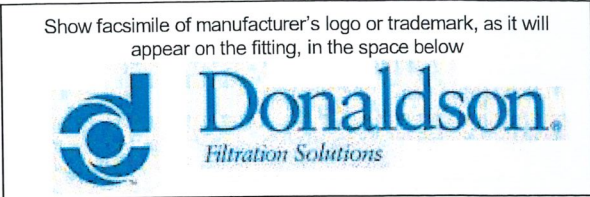
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel.: 416.734.3300
Fax: 416.231.1626
Toll Free: 1.877.682.8772

www.tssa.org

Tel. : +1 416-734-3212
Email : smadhuranath@tssa.org



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



STATUTORY DECLARATION Registration of Fittings

I, Holger Evertz, Managing Director
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Donaldson Filtration Deutschland GmbH
(Name of Manufacturer)

Located at Büssingstrasse 1, Haan, D-42781, Germany
(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 Section VIII-1, ASME B31.1, ASME B31.3
(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, SGS.

The items covered by this declaration, for which I seek registration, are category E - Filters type fittings. In support of this application, the following information and/or test data are attached as follows:
SCOPE OF CRN REGISTRATION, DRAWINGS, CALCULATIONS

(drawings, calculations, test reports, etc.)

Declared before me at Haan in the state of NRW

the 13 day of March AD 2024.

Notary Public
Commissioner for Oaths:

Dr. Silvia Schäfer
(Printed name)

[Signature]
(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: _____

Registered by: _____

Dated: _____

NOTE: This registration expires on: Aug 07, 2034

Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety Program

REGISTERED

C.R.N.: 0E25416.5

Signed: [Signature]

Date: August 7, 2024.

Certification of unlisted materials as equivalents to ASTM/ASME materials is the responsibility of the manufacturer

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

IVZ-Nr. 333/2024

I hereby certify that the above is the true signature, subscribed in my presence,
of
Mr. Holger Günter Evertz, born on 28th January 1962,
residing in 51373 Leverkusen, Mühlenweg 145,
identified by his Identity card no. L75GMV97C8.

THIS IS PART OF CRN
0E25416.5
Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety
Program

Haan, the 13th of March 2024



Notary Public

Dr. Silvia Schäfer in Haan

Donaldson Filtration Deutschland GmbH

BUSSINGSTRASSE 1, HAAN,
42781, GERMANY



THIS IS PART OF CRN
0E25416.5

Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety
Program

18-Mar-24

PAGE 1 OF 4

SCOPE OF CRN REGISTRATION

Product Description	Design Code	Material Specification	
Filter Housing Double-PG-EGS-0015 FLA Drawing AG1323601 Rev.1	ASME B31.1, ASME B31.3	Heads: 1.4404/ EN 10028-7 meeting the requirements of ASTM A240 316L Pipe/Tube: 1.4404 / EN 10217-7 meeting the requirements of ASTM A312 TP316L, A249 TP316L, A213 TP316L Forgings: 1.4404 / EN 10222-5 meeting the requirements of ASTM A182-F316L Bar: 1.4404 / EN 10088-3 meeting the requirements of ASTM A479-316L Clamps: 1.4308 / EN 10088-3 meeting the requirements of ASTM A351-CF8	
Process Connection Sizes	MAWP at MAWT	MDMT	Report Number
DN25 Aseptic Collar Flange, DN25 Flange FG1 Inlet/Outlet, G1/4" Drain	145 psig at 356°F/ 10 barg at 180°C	14°F / -10°C	R-1808A Rev. 0

Product Description	Design Code	Material Specification	
Filter Housing Double-PG-EGS-0020 FLA Drawing AG1322601 Rev. 1	ASME Section VIII-1	Heads: 1.4404/ EN 10028-7 meeting the requirements of ASME SA240 316L Pipe/Tube: 1.4404 / EN 10217-7 meeting the requirements of ASME SA312 TP316L, SA249 TP316L, SA213 TP316L Forgings: 1.4404 / EN 10222-5 meeting the requirements of ASME SA182-F316L Bar: 1.4404 / EN 10088-3 meeting the requirements of ASME SA479-316L Clamps: 1.4308 / EN 10088-3 meeting the requirements of ASME SA351-CF8	
Process Connection Sizes	MAWP at MAWT	MDMT	Report Number
DN40 Aseptic-League Flange Form A, DN40 Flange FG1 Inlet/Outlet, G1/4" Drain	145 psig/FV at 356°F/ 10 barg/FV at 180°C	14°F / -10°C	R-1808B Rev. 0

APPROVED PAUL WAGNER 3-21-24



SCOPE OF CRN REGISTRATION

Product Description	Design Code	Material Specification	
Filter Housing Drawing Double-PG-EGS-0040 FLA AG1323701 Rev. 1	ASME Section VIII-1	Heads: 1.4404/ EN 10028-7 meeting the requirements of ASME SA240 316L Pipe/Tube: 1.4404 / EN 10217-7 meeting the requirements of ASME SA312 TP316L, SA249 TP316L, SA213 TP316L Forgings: 1.4404 / EN 10222-5 meeting the requirements of ASME SA182-F316L Bar: 1.4404 / EN 10088-3 meeting the requirements of ASME SA479-316L Clamps: 1.4308 / EN 10088-3 meeting the requirements of ASME SA351-CF8	
Process Connection Sizes	MAWP at MAWT	MDMT	Report Number
DN100 Aseptic-Nut Flange Form A, DN100 Aseptic-League Flange Form A Inlet/Outlet DN25 Aseptic-Nut Flange Form A Drain	145 psig at 284°F/ 10 barg at 140°C	14°F / -10°C	R-1808C Rev. 0

Product Description	Design Code	Material Specification	
Filter Housing PF-EG SE 0025 FLA Drawing AG1324501 Rev. 1	ASME B31.1, ASME B31.3	Heads: 1.4404/ EN 10028-7 meeting the requirements of ASTM A240 316L Pipe/Tube: 1.4404 / EN 10217-7 meeting the requirements of ASTM A312 TP316L, A249 TP316L, A213 TP316L Forgings: 1.4404 / EN 10222-5 meeting the requirements of ASTM A182-F316L Bar: 1.4404 / EN 10088-3 meeting the requirements of ASTM A479-316L Clamps: 1.4308 / EN 10088-3 meeting the requirements of ASTM A351-CF8	
Process Connection Sizes	MAWP at MAWT	MDMT	Report Number
DN25 Aseptic-Nut Flange Form A Inlet/Outlet, G3/8" Vent	142 psig/FV at 208°F/ 9.8 barg/FV at 98°C	14°F / -10°C	R-1808D Rev. 0



SCOPE OF CRN REGISTRATION

Product Description	Design Code	Material Specification	
Filter Housing P-EG 006 G1/2" NPT Drawing: AG1334101 Rev. 1	ASME Section VIII-1	Heads: 1.4404/ EN 10028-7 meeting the requirements of ASME SA240 316L Pipe/Tube: 1.4404 / EN 10217-7 meeting the requirements of ASME SA312 TP316L, SA249 TP316L, SA213 TP316L Bar, Coupling: 1.4404 / EN 10088-3 meeting the requirements of ASME SA479-316L Coupling Nut: 1.4301 / EN 10088-3 meeting the requirements of ASME SA479-304	
Process Connection Sizes	MAWP at MAWT	MDMT	Report Number
G1/2" Inlet/outlet G1/2" Vent	232 psig at 392°F/ 16 barg at 200°C	-13°F / -25°C	R-1808E Rev. 0

Product Description	Design Code	Material Specification	
Filter Housing P-EGS 0030 ASA Drawing: AG1324601 Rev. 1	ASME Section VIII-1	Heads: 1.4404/ EN 10028-7 meeting the requirements of ASME SA240 316L Pipe/Tube: 1.4404 / EN 10217-7 meeting the requirements of ASME SA312 TP316L, SA249 TP316L, SA213 TP316L Bar, Coupling: 1.4404 / EN 10088-3 meeting the requirements of ASME SA479-316L Coupling Nut: 1.4301 / EN 10088-3 meeting the requirements of ASME SA479-304	
Process Connection Sizes	MAWP at MAWT	MDMT	Report Number
88.9 mm OD x 2 mm thk. Buttweld G1/4" Vent, Drain	174 psig at 392°F/ 12 barg at 200°C	-13°F / -25°C	R-1808F Rev. 0



SCOPE OF CRN REGISTRATION

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 product literature.

Note 3: For low temperature operation the products shall conform to the rules of the applicable codes under which they are used.

Note 4: See attached Worldwide Locations Appendix for the manufacturing locations applicable to this CRN.



WORLDWIDE LOCATIONS APPENDIX

**DONALDSON MANUFACTURING LOCATIONS
& CERTIFYING AUTHORITIES**

(rev. July 24, 2024)

**Donaldson Filtration Deutschland GmbH,
Büssingstrasse 1,
Haan, D-42781, Germany
ISO 9001:2015 Certified by SGS**

THIS IS PART OF CRN
0E25416.5
Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety
Program