

REGISTRATION OF A PRESSURE FITTING DESIGN

October 31, 2024

TSSA
345 Carlingview Dr.
Toronto, ON
Canada
M9W 6N9

Attention: Cecylia Garbacz

File Number: 101669

Re: Manufacturer: Donaldson Filtration Deutschland GmbH
Item: Filters
Catalog or Drawing: Per Scope of Registration (18-Mar-24) & Supporting Design Reports

TSASK Codes and Standards Compliance has registered the design listed above in accordance with The Boiler and Pressure Vessel Act and Regulations and CSA B51. The Canadian Registration Number (CRN) is:

OE25416.53

Expiry Date: 2034-08-07

Please note that every fitting shall be constructed in strict accordance with the registered design.

Fitting registrations are required to be resubmitted for validation after ten (10) years from the registration date in accordance with CSA B51, Clause 4.2.1.

Should you require anything further, please do not hesitate to contact the Codes and Standards Compliance Office at your convenience.

Yours truly,



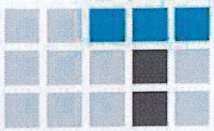
Athan Syrgiannis, P.Eng.

Codes and Standards Compliance

Remarks:

Conditional upon compliance with the notes on the original TSSA registration.

A valid quality control program must be maintained at the production facilities for the fitting registration to remain valid until the expiry date.



Technical Safety Authority of Saskatchewan

2202 2nd Ave.
Regina, SK S4R 1K3
PH: (306)798-7112 Toll Free: (866)530-8599
FAX: (306)787-9273 Toll Free: (866)760-9255
Email: boilerpermits@tsask.ca
Website: www.tsask.ca

Statutory Declaration (Registration of Fittings)

TSK-1008

I. Declaration Information

I, Holger Evertz,
Managing Director
(company title, e.g. vice president, plant manager, chief engineer)
(must be in a position of authority in the manufacturing plant where the fitting is produced)

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.



of: Donaldson Filtration Deutschland GmbH
(name of manufacturer)

located at: Büssingstrasse 1, Haan, D-42781, Germany
(Plant Address – Apt/Street) (City,Prov) (Postal Code)

do solemnly declare that the fittings listed hereinunder, which are subject to the **Saskatchewan Boiler and Pressure Vessel Safety Act** (check one)

- Comply with the requirements of ASME Section VIII-1, ASME B31.1, B31.3 which specifies the dimensions, Materials of construction, pressure / temperature ratings and identification marking of the fittings, or
(title of recognized North American Standard)
- 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, materials of construction, pressure / temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacturer of these fittings is controlled by a quality control program which has been verified by the following authority, ISO 9001:2015 as being suitable for the manufacturer of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are CATEGORY E - FILTERS

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


II. Declaration

DECLARED before me at Haan In the State of NRW
this 13 day of March, 2024
Dr. Silvia Schäfer (print name) _____ (Signature)

(Signature of Commissioner of Oaths) Notary Public

III. Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the **Boiler and Pressure Vessel Safety Act** and CSA B51, Clause 4.2, and is accepted for registration in Category _____



Technical Safety Authority of Saskatchewan

Registration No. 0E25416.53

File No. 101669

Registered

Date: October 31, 2024

Expiry Date: August 7, 2034

Codes & Standards Compliance Office

(Date Registered – MM DD YYYY) (Expiry Date – MM DD YYYY)
(For the Administrator / Chief Inspector)

UVZ-Nr. 329/2024

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.

Haan, the 13th of March 2024



Notary Public
Dr. Silvia Schäfer in Haan

Donaldson Filtration Deutschland GmbH

BUSSINGSTRASSE 1, HAAN,
42781, GERMANY



Technical Safety Authority of Saskatchewan

Registration No. 0E25416.53

File No. 101669

Registered

Date: October 31, 2024

Expiry Date: August 7, 2034

Codes & Standards Compliance Office

18-Mar-24

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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. December 29, 2022)

Donaldson Filtration

Donaldson Europe BV, Research Park Building 1303,
Interleuvenlaan-1 B-3001 Leuven/Heverlee, Belgium

ISO 9001:2015 Certified by SGS

Donaldson Filtration

Donaldson Filtration Deutschland GmbH, Büssingstrasse 1,
Haan, D-42781, Germany

ISO 9001:2015 Certified by SGS

Donaldson Filtration

Donaldson Industrial CR s.r.o, Královský vrch 1986,
432 01 Kadan, Czech Republic

ISO 9001:2015 Certified by SGS

Donaldson Filtration

Donaldson Filtration (GB) Limited, Humberstone Lane, Thurmaston,
Leicester, LE4 8HP, United Kingdom

ISO 9001:2015 Certified by SGS

	Technical Safety Authority of Saskatchewan
Registration No. _____	0E25416.53
File No. _____	101669
	<input type="button" value="Registered"/>
Date: _____	October 31, 2024
Expiry Date: _____	August 7, 2034
<small>Codes & Standards Compliance Office</small>	