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April 21, 2023

ROUND ENGINEERING INC
10 SEGWUN RD
WATERDOWN ON L8B 0K6
CANADA

Workorder Type: Registration - Fitting(Conventional)
Workorder No: 8255171
Your Reference No.: R-1705 - FILTER HD0027 - 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 : 0E24530.5
Main Design No.: FILTER MODEL HD0027 – DWG# AX0175801 REV. 1 – SEE SCOPE OF CRN
REGISTRATION & WORLDWIDE LOCATIONS APPENDIX
Expiry Date: Apr 21, 2033

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 (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,

Wendy Du
Engineer, BPV
Tel. : +1 416-734-3566
Email : wdu@tssa.org



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Toronto, Ontario M9W 6N9
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Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below



Donaldson
Filtration Solutions

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 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 B31.3, ASME B31.1

(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, REPORTS, DRAWINGS, CALCULATIONS

(drawings, calculations, test reports, etc.)

Declared before me at Bloomington in the state of MN
the 30 day of January AD 20 23.

Commissioner for Oaths:

Anna R Toninato

(Printed name)

Anna R Toninato

(Signature)



ANNA RUBY TONINATO
Notary Public
Minnesota
My Commission Expires
Jan 31, 2024

Colter Marcks

(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 _____.

CRN: _____

Registered by: _____

Dated: _____

NOTE: This registration expires on: Apr. 21, 2033

Technical
Standards
and Safety
Authority

Boilers and
Pressure Vessels
Safety Program

REGISTERED

C.R.N.: 0E24530.5

Signed: W12

Date: April 21, 2023.

FILTER MODEL HD0027 - DWG# AX0175801
REV. 1 - SEE SCOPE OF CRN REGISTRATION
& WORLDWIDE LOCATIONS APPENDIX

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

**SCOPE OF CRN REGISTRATION**

Product Description	Model No.	Design Code	Material Specification	Max. Process Connection Sizes	MAWP at MAWT (psig at °F)	MDMT	Report Number
Filter	HD0027	ASME B31.3, ASME B31.1	Aluminum EN AW-6061 T6 according to EN 755-2 and EN 12392	G1" or 1" FNPT Inlet/Outlet G1/2" or 1/2" FNPT Drain	1305 psig at 176°F/ 90 barg at 80°C	14°F / -10°C	R-1705 Rev. 0

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

Note 4: In accordance with ASME B31.1 para. 123.1.2(D) when this product is manufactured from a ASME B31.1 unlisted material and used under the ASME B31.1 code the facility owner must accept the use of the non listed material. EN AW-6061 T6 is not listed in ASME B31.1.

Note 5: See attached Worldwide Locations Appendix for the manufacturing locations applicable to this CRN.

THIS IS PART OF CRN
0E24530.5
Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety
Program



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

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0E24530.5

Technical Standards and Safety Authority

Boilers and Pressure Vessels Safety
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