

STATUTORY DECLARATION
Registration of Fittings

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


I, Joel Feldman, Vice President, Engineering
(name of applicant) (position title) (must be in a position of authority)
of Swagelok Company
(name of manufacturer)

located at 29500 Solon Road, Solon, Ohio 44139 USA (see Attachment A)
(plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (check one)

- comply with the requirements of ASME B31.1 and ASME B31.3 which specifies the dimensions, (title of recognized North American Standard) materials of construction, pressure/temperature ratings and identification marking of the fittings, 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 (title of code of construction or other applicable document) 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 manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, BSI as being suitable for the manufacture of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are

Category E Type Filters
(brief description of fittings)

In support of this application, the following information, calculations and/or test data are attached:

ISO 9001:2015 Certificate, Attachment A, Attachment B, Catalog Information and other Support Documents

DECLARED before me at Solon in the State of Ohio
(city) (province or state)
this 14th day of February, 2019
(Month) (Year)

(print) Jamie L Ristau Jamie L Ristau
Resident Portage County
Notary Public, State of Ohio
My Commission Expires: 03/08/2019
(a Commissioner of Oaths or Notary Public)
(sign) Jamie L Ristau
(a Commissioner of Oaths or Notary Public)

Joel C. Feldman
(signature of applicant)

For ABSA Office Use Only:

NOTES: _____

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Clause 4.2, and is accepted for registration in Category E

Registration Number: DE 21343-52 _____
(Signature of the Administrator/SPO)

Date Registered: JUN 10 2019 Expiry Date: April 29, 2021



Attachment B: Scope of CRN Registration for Swagelok F, TF, FW and FC Series Filters (Category E)

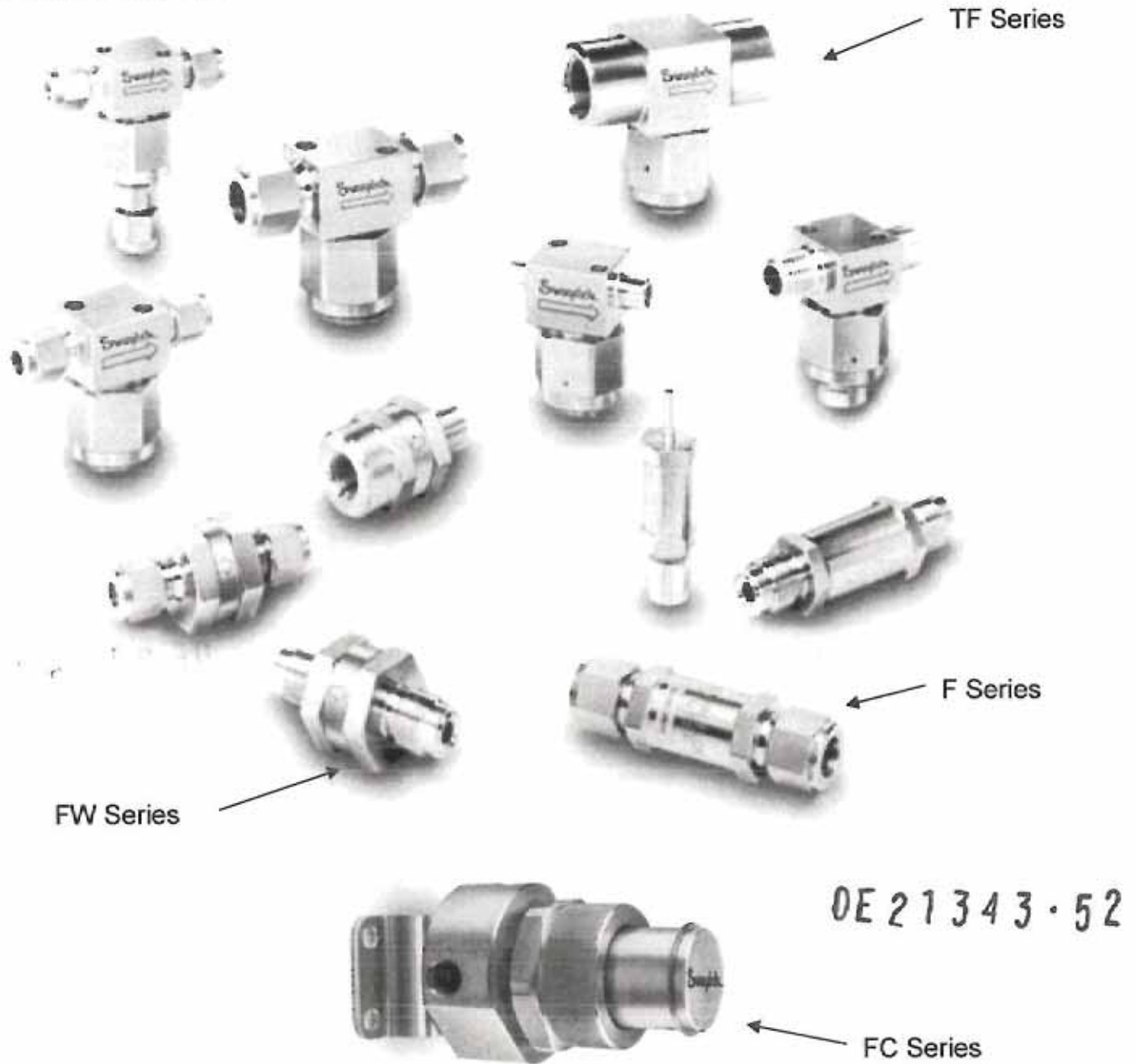
This document represents the scope of the F, TF, FW and FC Series Filters covered by this submission for CRN approval. These filters were designed and evaluated in accordance with ASME B31.1-2016 for unlisted components and ASME B31.3-2016 for unlisted components.

Summary Table

Product Series	Main Pressure Bearing Component	Main Pressure Bearing Material	Port Connections and Sizes	Maximum Rated Pressure (psig)		Design Code of Construction
				@ 100°F	@ Max Temp.	
2F, 4F	Body	316 SS (ASTM A479)	Tube Fitting 1/8", 1/4", 3mm, 6mm Female NPT 1/8", 1/4" Male NPT 1/4" Male VCR 1/4"	3000	1640 @ 900°F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
6F, 8F	Body	316 SS (ASTM A479)	Tube Fitting 3/8", 1/2"	2500	1360 @ 900°F	
2F, 4F, 6F, 8F	Body	C36000 Brass (ASTM B16)	Tube Fitting 1/8", 1/4", 3/8", 1/2", 6mm, 8mm, 10mm, 12mm Female NPT 1/8", 1/4" Male NPT 1/4", 3/8", 1/2"	1000	680 @ 300°F	
2TF, 4TF, 6TF, 8TF	Body	316 SS (ASTM A479)	Tube Fitting 1/8", 1/4", 3/8", 1/2", 6mm, 8mm, 10mm, 12mm Female NPT 1/8", 1/4" Male NPT 1/4", 3/8", 1/2" Tube Socket Weld 1/4", 3/8"	6000	3280 @ 900°F	
2TF, 4TF, 6TF, 8TF	Body	C36000 Brass (ASTM B16)	Tube Fitting 1/8", 1/4", 6mm, 8mm, 10mm Female NPT 1/8", 1/4" Male NPT 1/4", 3/8", 1/2"	2000	1470 @ 300°F	
			Tube Fitting 3/8"	2000	1430 @ 300°F	
			Tube Fitting 1/2"	2000	1365 @ 300°F	
			Tube Fitting 12mm	2000	1320 @ 300°F	
4TF, 8TF	Body	Alloy 400 N04400 (ASTM B164)	Tube Fitting 1/8", 1/4", 3/8", 6mm, 8mm, 10mm Female NPT 1/8", 1/4" Male NPT 1/4", 3/8", 1/2"	5000	4160 @ 300°F	
			Tube Fitting 1/2"	4400	3652 @ 300°F	
			Tube Fitting 12MM	4208	3493 @ 300°F	
FW	Body	316 SS (ASTM A479)	Tube Fitting 1/4", 6mm Female NPT 1/8", 1/4" Male NPT 1/4" Male VCR 1/4"	6000	3280 @ 900°F	
FC	Body	316 SS (ASTM A479)	Tube Fitting, Female 1/4", 6mm Female NPT 1/8", 1/4" Female ISO 1/4"	1000	760 @ 400°F	

OE 2 1343-52

Product Illustration



Typical Product Characteristics

Some product options could affect the pressure-temperature ratings shown in the Summary Table, but in all cases the ratings are less than those shown in the Summary Table. An example of this would be optional body seal materials.

Additional options that do not affect pressure-temperature ratings may be made available within the scope of this registration. An example of this would be optional filter elements.

All of the above options, those that affect pressure and/or temperature ratings and those that do not, are within the scope of this approval.



Canadian Registration Number Submittal #F-FILTER-2019
Category C: Swagelok Filters

Date: February 4, 2019
Page 3 of 3

Quality System

The Swagelok Company quality system complies with the requirements of ISO 9001:2015. The Swagelok Company maintains British Standards Institution Certificate of Registration Number FM 01729, which applies to all locations listed on the Certificate.

References

The below product catalogs do not represent the full scope of registration, but rather details some of the most common options:

- F, TF, FW Series Filter Catalog MS-01-092, Rev L
- FC Series Filter Catalog MS-02-082, R6

OE 21343.52

Attachment A. Swagelok Manufacturing Locations

This document lists the Swagelok locations where end item or component level manufacturing activities take place.

Swagelok Company 29500 Solon Road Solon, Ohio 44139 USA	Swagelok Company (Falon 1) 348 Bishop Road Highland Heights, Ohio 44143 USA
Swagelok Company (Highland) 318 Bishop Road Highland Heights, Ohio 44143 USA	Swagelok Company (Falon 2) 358 Bishop Road Highland Heights, Ohio 44143 USA
Swagelok Company (OFC) 29495 F.A. Lennon Drive Solon, Ohio 44139 USA	Swagelok Company (HPF) 6050 Cochran Road Solon, Ohio 44139 USA
Swagelok Company (Atlantic) 26651 Curtiss Wright Parkway Willoughby Hills, Ohio 44092 USA	Swagelok Company (Snow Metal) 6060 Cochran Road Solon, Ohio 44139 USA
Swagelok Company (Micro) 26653 Curtiss Wright Parkway Willoughby Hills, Ohio 44092 USA	Swagelok Company (Alfred) 29500 Ambina Drive Solon, Ohio 44139
Swagelok Hose Services Company (SHSC) 29900 Solon Industrial Parkway Solon, Ohio 44139	Swagelok Company (Strongsville) 15400 Foltz Road Strongsville, Ohio 44119
Swagelok (China) Fluid System Technologies Ltd. Changshu Export Process Zone Changshu Economic Development Zone Changshu, Jiangshu 215513 China	Swagelok Limited Ballafletcher Road IM4 4RA Isle of Man

ABSA
SAFETY CODES ACT - PROVINCE OF ALBERTA

REGISTRATION OF FITTINGS

REGISTRATION NO. OE 21343-52

DWG. NO. ~~OR~~ Attachment A & B

TYPE OF FITTINGS Filters

JUN 10 2019
Date

INITIALS Tao Tang
TAO TANG, P.Eng.
DESIGN SURVEY ENGINEER