

REGISTERED
CRN: OC19221.26
Registration Process administered by
CSA Group per CSA B51

Statutory Declaration Registration of Fittings

(a) Design Qualification

I Joel Feldman
Vice President, Engineering
(Position eg. president, plant manager, chief eng.)

Of Swagelok Company
(name of company)

Located at Headquarters: 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 Boilers & Pressure Vessels Act:

- comply with all the requirements of the ANSI/ASME codes as to their dimensions, material, identification & service for which are required: B31.1 & B31.3
- Or
- are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with _____ code and standard, and are designed to the best current engineering practice, as shown by the supporting test data.

(b) Quality control of Manufacture

I further declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of ISO 9001:2015, and has been verified by the following authority or authorized agency BSI

The fittings² covered by this declaration, for which I seek registration, are Category C. Valves

In support of the 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, Ohio
In the of State of Ohio
The 29th Day of November AD 19 2018

Jamie L. Ristau
Resident Portage County
Notary Public, State of Ohio
My Commission Expires: 03/06/2019

Jamie L. Ristau
(commissioner for oaths)

Joel C. Feldman
Signature of Declarer

For Official Use Only

The application is accepted for registration in Category C in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51.

This registration must be revalidated after ten (10) years from the date of acceptance. Jan. 8. 2029

Registered Number CRN OC 19 221.26

For the Chief Inspector R.W. Barnes
Date Mar. 11. 2019

- 1 **Three completed copies of Statutory Declaration form together with three copies of Catalogs, drawings of Bulletins illustrating above fittings shall be submitted.**
- 2 **All fittings are required to be registered in the name of the Manufacturer.**
- 3 **This form shall be completed and signed by the president of highest official in the manufacturing plant where the fitting is produced.**



Attachment A. Swagelok Manufacturing Locations

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

JAN 08 2019

OC19221.2

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 Company A.G. (European Technology Center) St. GallerstraBe 84 Lachen, Switzerland 8853 Switzerland
Swagelok Limited Ballafletcher Road Tromode IM4 4RA Isle of Man	



ATTACHMENT TO
 C.R.N.: OC19221.26
 Signed: [Signature]
 178 Redgate Boulevard, Toronto, ON Canada M9W 1R3

Attachment B: Scope for Swagelok R Series Relief Valves (Category C)

This document represents the scope of the R Series Relief Valves covered by this submission for CRN approval. The Swagelok R Series Relief Valves 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 Description or Series	Main Pressure Bearing Component	Main Pressure Bearing Material	Port Connections and Sizes	Maximum Rated Pressure		Design Code of Construction
				At ambient temperature	At maximum temperature	
RL3	Body	F316 SS (ASTM A182)	Swagelok Tube Fitting 1/4", 6MM, 8MM Female NPT 1/4" Male NPT 1/4" Female ISO 1/4" Male ISO 1/4"	300 psi @ 100°F (inlet side) 225 psi @ 100°F (outlet side)	300 psi @ 300°F (inlet side) 225 psi @ 300°F (outlet side)	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
RL4	Body	F316 SS (ASTM A182)	Swagelok Tube Fitting 1/2", 12MM Female NPT 1/2" Male NPT 1/2"	300 psi @ 100°F (inlet side) 225 psi @ 100°F (outlet side)	300 psi @ 300°F (inlet side) 225 psi @ 300°F (outlet side)	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
R3A	Body	F316 SS (ASTM A182)	Swagelok Tube Fitting 1/4", 6MM, 8MM Female NPT 1/4" Male NPT 1/4" Female ISO 1/4" Male ISO 1/4"	6000 psi @ 100°F (inlet side) 1500 psi @ 100°F (outlet side)	4660 psi @ 300°F (inlet side) 1500 psi @ 300°F (outlet side)	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
R4	Body	F316 SS (ASTM A182)	Swagelok Tube Fitting 1/2", 12MM Female NPT 1/2" Male NPT 1/2"	6000 psi @ 100°F (inlet side) 2500 psi @ 100°F (outlet side)	1500 psi @ 300°F (inlet side) 1500 psi @ 300°F (outlet side)	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)

ASCA

SAFETY CODES ACT - PROVINCE OF ALBERTA
 REGISTRATION OF FITTINGS

REGISTRATION NO. **OC19221.2**

DWG. NO. or CAT. NO. *Attachments B Pages 1-3 of Approval*

TYPE OF FITTINGS *Swagelok R Series Relief Valves*

JAN 08 2019 INITIALS *Samir?*

Date **SAMIR ISSA, P.ENG.**
 DESIGN SURVEY ENGINEER

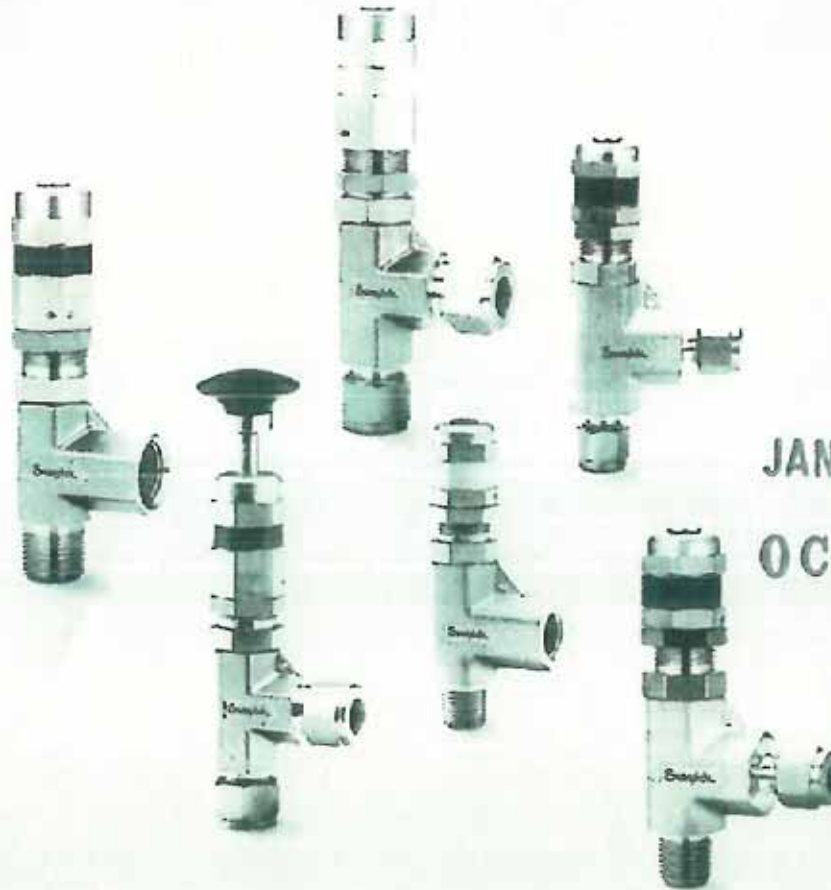
 **3074**

ATTACHMENT TO
 CRN *OC19221.26*

Signed: *Samir*

178 Roadside Boulevard, Toronto, ON Canada M9W 1R6

Product Illustration



JAN 08 2019

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Product Options:

Some of the product options listed below 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. All of the following options are within the scope of this registration:

Stem Seal Material

- Fluorocarbon (FKM) - standard
- Buna N
- Ethylene propylene
- Neoprene
- Perfluorocarbon (FFKM)

Quality System

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

References

The product catalog does not represent the full scope of registration, but rather details some of the most common options.

- R Series Relief Valve Catalog MS-01-141, Rev R

