

ATTN: TSSA BPV NATIONAL REGISTRATION -
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DR
TORONTO ON M9W 6N9

Date: 15-Jun-2026
TSBC Account #: 061440
TSBC Admin Number: 125355
Canadian Registration Number: 0C26601.51

Re: Application for Design Registration

The design, as detailed in your Design Portal application 0C26601.5 - SWAGELOK for a Pressure Fitting is registered with the following notes and considerations:

Registered To:	SWAGELOK
Project Name:	0C26601.5 - SWAGELOK
Drawing #:	Attachment B. Scope for Swagelok Series SFRA & SFRS Pressure Regulator and documents attached
Drawing Revision:	N/A

Conditions of Registration:

(1) Fitting Registration Expiry Date: 21-Apr-2036 (2) The registration is valid until the indicated expiry date only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date. Should the approval of quality management system lapse before the expiry date indicated above, this registration shall become void.

Reviewer's Notes:

Any additional conditions and considerations from the initial province of registration shall apply to this BC registration.

Full details of this submission including the scope of registration, design conditions, fabrication details, and calculations pertaining to this design are located in the above Admin Number on the Design Portal. For all other enquiries, please contact eim@technicalsaftybc.ca.

The Engineering Information Management Team



Attachment B. Scope of Registration for Swagelok SFR Series Medium Pressure Regulator (Category C)

This document represents the scope of the Swagelok SFR Series Medium Pressure Regulator covered by this submission for CRN approval. It has been evaluated in accordance with ASME B31.3-2024 Chapter IX, for unlisted components.

Summary Table

Product Description or Series	Main Pressure Bearing Component	Material	Port Connections and Sizes	Maximum Allowable Working Pressure (psig)	Maximum Working Temperature (°F)	Design Code of Construction
SFRA	Body	316 Stainless Steel	Cone-and-Thread Medium Pressure ¼, 3/8, ½, 9/16" FK Medium Pressure Tube Fitting ¼, 3/8, ½"	15,225	185	ASME B31.3 Chapter IX (For Unlisted Components)
SFRS	Body	316 Stainless Steel	Cone-and-Thread Medium Pressure ¼, 3/8, ½, 9/16" FK Medium Pressure Tube Fitting ¼, 3/8, ½"	15,225	185	ASME B31.3 Chapter IX (For Unlisted Components)

*The lowest temperature rating for the SFR Series Regulator is -40°F

Product Illustration



SFRA (Ratio Dome)



SFRS (Spring Housing)



Product Options:

Some product options could affect the pressure-temperature ratings shown in the Summary Table, but in all cases the ratings are less than or equal to those shown in the Summary Table. An example of this would be optional seal/seal materials or alternative Port Connection types e.g. NPT.

Additional options that do not affect pressure-temperature ratings may be made available within the scope of this registration. An example of this includes SC11 cleaning, special production testing, accessory ports (for additional accessories or customer piping) and alternative housings (like Ratio Dome & Spring Housings).

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.

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

- Process Regulator Catalog MS-02-492