

**REGISTERED**  
**CRN: CSA - OC 20290.56**  
 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.
- 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 fittings<sup>2</sup> 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  
 in the State of Ohio  
 The Day of May AD 19 2018  
My Commission Expires: 03/08/2019

Jamie L. Ristau  
 Resident Portage County  
 Notary Public, State of Ohio  
 A (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. **APRIL 24 2028**

Registered Number CRN CSA-OC20290.56

For the Chief Inspector A. BANWATT  
 Date June 18 2018

- 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 or highest official in the manufacturing plant where the fitting is produced.






**Attachment B. Scope of Registration for Swagelok XS Series Excess Flow Valves (Category C)**

**Product Scope**

This document represents the scope of Swagelok® XS Excess Flow Valves covered by this submission for CRN approval. These products were designed and evaluated in accordance with ASME B31.1 for unlisted components and ASME B31.3 for unlisted components.

**Summary Table**

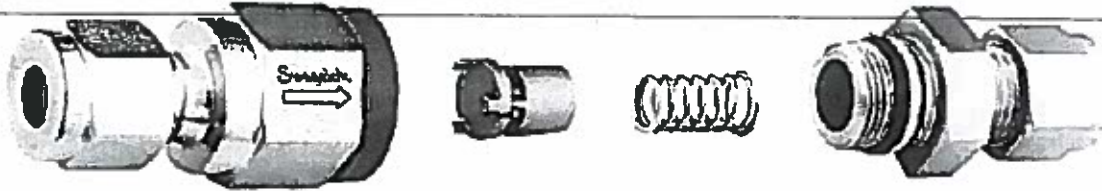
Product Series	Main Pressure Bearing Component	Main Pressure Bearing Material (Standard)	Port Connections and Sizes	Maximum Allowable Working Pressure (psig)		Design Code of Construction
				@100°F	@400°F (max temp)	
XS4	Body	316 SS (ASTM A479)	Tube Fitting 1/4", 6MM Female NPT 1/8", 1/4" Male NPT 1/8", 1/4" Male ISO 1/4" Male VCO fitting 1/4" Male VCR fitting 1/4"	6000 psig	4280 psig	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
XS6	Body	316 SS (ASTM A479)	Tube Fitting 3/8", 8MM, 10MM Male NPT 3/8"	6000 psig	4280 psig	
			Female NPT 3/8"	5300 psig	3789 psig	
XS8	Body	316 SS (ASTM A479)	Tube Fitting 1/2", 12MM Male NPT 1/2" Male ISO 1/2" Male VCO fitting 1/2"	6000 psig	4280 psig	
			Female SAE/MS 1/2" Male SAE/MS 1/2"	4568 psig		
			Female ISO 1/2" Female NPT 1/2"	4900 psig	3503 psig	
			Male VCR fitting 1/2"	4300 psig	3074 psig	


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ATTACHMENT TO  
 C.R.N. CSA-002290.5  
 Signed: [Signature]  
 178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

THIS IS PART OF  
 CRN 002290.5  
 Technical Standards & Safety Authority  
 Boilers & Pressure Vessels  
 Safety Program

## Product Illustration



## Typical Product Characteristics:

Additional options that do not affect pressure-temperature ratings may be made available within the scope of this registration. Examples of these would include, but not be limited to, poppet springs, lubricants, and body seal materials.

## 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.

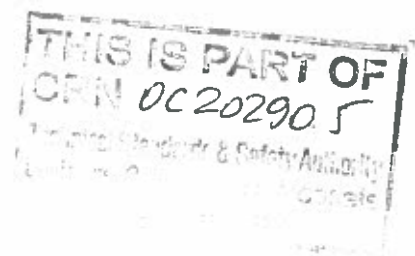
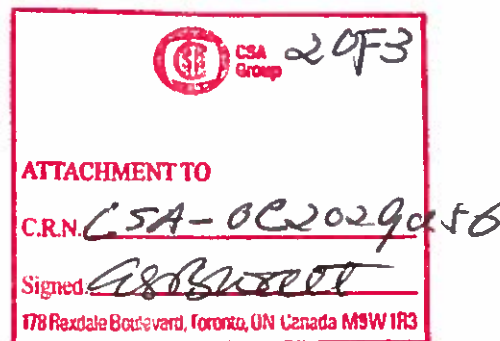
## Special Ordering Instructions

None

## References

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

- Industrial Excess Flow Valves MS-01-110 R9



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


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**ATTACHMENT TO**  
**C.R.N. CSA-0020290.5**  
**Signed: [Signature]**  
**178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3**

**THIS IS PART OF**  
**CRN 0020290.5**  
 Technical Standards & Safety Authority  
 Engineer of Pressure Vessels  
 Safety Programs