

## Statutory Declaration Registration of Fittings

**(a) Design Qualification**

I<sup>1</sup> 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 \_\_\_\_\_

In the of \_\_\_\_\_ of \_\_\_\_\_

The \_\_\_\_\_ Day of \_\_\_\_\_ AD 20 \_\_\_\_\_

Unable to get a notary signature or seal due to Covid-19 situation  
 April 22, 2020

A (commissioner for oaths)

  
 \_\_\_\_\_  
Signature of Declarer<sup>3</sup>

For Official Use Only

The application is accepted for registration in Category \_\_\_\_\_ 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.

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Registered Number CRN \_\_\_\_\_ For the Chief Inspector \_\_\_\_\_  
 \_\_\_\_\_ Date \_\_\_\_\_

Enregistré au Québec

0C22506.56

Régie du bâtiment Québec

07/27/2020

Accord de conciliation NEC

- 1 Three completed copies of Statutory Declaration form together with three copies of Catalogs, drawings of Boilers and Pressure Vessels Act 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 B: Scope for Swagelok BV Series Bleed Valves and P Series Purge Valves (Category C)**

This document represents the scope of the Swagelok BV Bleed Valves and P Purge Valves covered by this submission for CRN approval. These products were designed and evaluated in accordance with ASME B31.1-2018 for unlisted components and ASME B31.3-2018 for unlisted components.

**Summary Table**

Product Series	Main Pressure Bearing Component	Main Pressure Bearing Material (Standard)	Port Connections, Sizes	Maximum Rated Pressure (psig)		Design Code of Construction
				At -65 to 100°F (except Carbon Steel)	At max temperature	
BV	Body, Stem	316 SS (ASTM A479)	Male NPT 1/8", 1/4", 3/8", 1/2"	10,000	6085 @ 850°F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
			Male ISO 1/4", 1/2"			
			Male SAE 1/4", 1/2"	4,568	4568 @ 400°F	
BV	Body, Stem	1018 Carbon Steel (ASTM A108)	Male NPT 1/8", 1/4", 3/8", 1/2"	10,000 @ -20 to 100°F	8630 @ 375°F	
			Male ISO 1/4", 1/2"			
			Male SAE 1/4", 1/2"	4,568 @ -20 to 100°F	4568 @ 375°F	
P	Body, Cap	316 SS (ASTM A479)	Female & Male NPT 1/8", 1/4", 3/8", 1/2"	4000	2500 @ 600°F	
			Male ISO 1/8"			
			Swagelok Tube Fitting 1/8", 1/4", 3/8", 1/2", 6MM, 8MM	Male SAE 1/4", 1/2"	4000	2850 @ 400°F
P	Body, Cap	12L14 Carbon Steel (ASTM A108)	Female & Male NPT 1/8", 1/4", 3/8", 1/2"	3000 @ -20 to 100°F	2985 @ 350°F	
			Male SAE 1/4", 1/2"			
			Male ISO 1/8"	Swagelok Tube Fitting 1/8", 1/4", 3/8", 1/2", 6MM, 8MM		

Product Series	Main Pressure Bearing Component	Main Pressure Bearing Material (Standard)	Port Connections, Sizes	Maximum Rated Pressure (psig)		Design Code of Construction	
				At -65 to 100°	At max temperature		
P	Body, Cap	Brass C36000 (ASTM B16)	Male NPT 1/8", 1/4", 1/2"	3000	740 @ 400°F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)	
			Male ISO 1/8"				
			Swagelok Tube Fitting 1/8", 1/4", 3/8", 1/2", 6MM	2322			
			Swagelok Tube Fitting 8MM				
			Swagelok Tube Fitting 3/8"	2200			
			Swagelok Tube Fitting 1/2"	2100			
			1/8" FNPT	3000			640 @ 400°F
			1/4" FNPT	3000			660 @ 400°F
			3/8" FNPT	2600			520 @ 400°F
			1/2" FNPT	2400			480 @ 400°F
Male SAE 1/4", 1/2"	2284	297 @ 400°F					

## Product Illustrations

BV Series Bleed Valves



P Series Purge Valves



## Typical Product Characteristics:

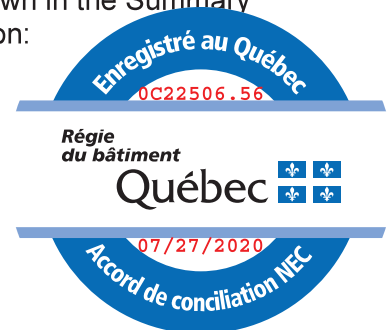
Some of the product options listed below could affect the pressure-temperature ratings shown in the Summary Table, but in all cases the ratings are less than those shown in the Summary Table. All of the following options are within the scope of this registration:

### BV Series Bleed Valves

Handles  
 Vent Tubes

### P Series Purge Valves

Ball Material (316SS standard, PTFE optional)



## 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.

- BV Bleed Valves and P Purge Valves Catalog MS-01-62, Rev N

## 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 Tromode IM4 4RA Isle of Man

