

**UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

|   |  |
|---|--|
| MANUFACTURERS NAME: <u>Swagelok Company</u>   |  |
| MANUFACTURERS ADDRESS: <u>29500 Solon Road, Solon, Ohio 44139 USA</u>   |  |
| PLANT LOCATIONS: <u>Headquarters: 29500 Solon Road, Solon, Ohio 44139 USA (See Attachment A)</u>  |  |
| <p><b>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY.</b></p> <p>A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p>B Flanges: all flanges</p> <p><b>C Valves: all line valves</b></p> <p>D Expansion joints, flexible connections, and hose assemblies: all types</p> <p>E Strainers, filters, separators, and steam traps</p> <p>F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p>G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p>H Pressure retaining components that do not fall into one of the above categories</p> <p>N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/>, (Meeting AECB or ASME requirements)</p> | <p><b>TITLE OF THE STANDARD OF CONSTRUCTION</b></p> <p>ASME B31.1 for<br/>unlisted components,<br/>ASME B31.3 for<br/>unlisted components</p>  |
| <p><b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b></p> <p align="center"><b>Swagelok</b></p>  | <p><b>TYPE OF CONSTRUCTION</b></p> <p>FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input checked="" type="checkbox"/></p> <p>CAST <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>DESCRIBE OTHER:</p> |
| <p><b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b></p> <p>ISO 9001:2015 Certificate, Attachment A, Attachment B, Catalog Information and other Support Documents</p>   |  |

**DECLARATION:**

I Joel Feldman, Vice President, Engineering (see note 3) employed by Swagelok Company and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by BSI as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: *Joel C. Feldman*

Declared before me at Unable to get a notary signature THIS SPACE FOR THE

This AD day of or sent due to Covid-19 situation OFFICIAL SEAL

Commissioner of Oaths  
or Notary Public: (sign) April 22, 2020

(Affix Official seal to the right)

|   |  |
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| <p align="center">This space for Regulatory Authority use</p> <p align="center">This registration must be revalidated after ten (10) years from the date of acceptance.</p>   |  |
| <p>CRN: <u>0C22506.5</u></p> <p>FID#: <u>1214</u></p> <p>BV series Bleed valves and P series Purge valves series.</p> <p>Notes:</p> <ol style="list-style-type: none"> <li>All fittings shall be registered in the name of the Manufacturer.</li> <li>Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.</li> <li>The declaration shall be made by the person having full authority and responsibility for the quality of the end product.</li> <li>Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.</li> </ol> <p>CRN expires June 17, 2030 - DG</p> | <p align="center"><b>NUNAVUT</b></p> <p align="center">Boilers and<br/>Pressure Vessels Act</p> <p align="center"><b>REGISTERED</b></p> <p>CRN <u>0C22506.5N</u></p> <p>Date <u>JULY 17, 2020</u></p> <p>Signed <u><i>[Signature]</i></u><br/>Chief Inspector</p> <p align="center">Territorial Registration Fee</p> |



THIS IS PART OF CRN

0C22506.5

Technical Standards and Safety Authority  
Boilers and Pressure Vessels Safety  
Program

Date: May 29, 2020

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Canadian Registration Number Submittal  
Category C: Swagelok Bleed Valves and Purge Valves

## 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                                    | 3000 @ 250°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

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 0C22506.5  
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**Attachment A. Swagelok Manufacturing Locations**

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

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