

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

**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 Solon, Ohio

This 09th day of August AD 2019

Commissioner of Oaths or Notary Public: (sign) Jamie L. Ristau

USE THIS SPACE FOR THE  
 Official Seal of the  
**Province of New Brunswick**  
 Notary Public, State of Ohio  
 My Commission Expires: 03/31/2023

<p align="center">This space for Regulatory Bodies Only</p> <p align="center">This registration must be revalidated after ten (10) years from the date of acceptance.</p> <p>CRN: <u>0C20864.5</u></p> <p>FID#: <u>1214</u></p> <p>Notes:                  1. All fittings shall be registered in the name of the Manufacturer.                  2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.                  3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.                  4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.</p>	<p align="center">DEPT OF JUSTICE PUBLIC SAFETY                  PRESSURE VESSEL ACT                  REGISTRATION ONLY</p> <p>CRN <u>0C20864.57</u></p> <p align="center"><u>Don Auer</u>                  CHIEF BOILER INSPECTOR                  DATE <u>Jan. 11, 2019</u></p> <p><input type="checkbox"/> BLRs    <input type="checkbox"/> PVs  <input checked="" type="checkbox"/> FITTINGS    <input type="checkbox"/> NUCLEAR COMPONENTS</p>
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## Attachment B. Scope for Swagelok V Series Manifold Valves (Category C)

### Product Scope

This document represents the scope of Swagelok® V Series Manifold 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 Rated Pressure (psig)		Design Code of Construction
				@ 100°F	@ Max Temp	
V2	Standard Body	316SS (ASTM A479)	Swagelok Tube Fitting 1/2", 12MM Female NPT 1/4", 1/2"	6000	1715 @ 1200°F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
			Flange (MSS)	6000	3030 @ 1000°F	
V2	Compact Body	316SS (ASTM A479)	Male NPT 1/2", 3/4" Female NPT 1/2", 3/4" Female NPT 1/4" (vent)	6000	1715 @ 1200 °F	
V3	Standard Body	316SS (ASTM A479)	Swagelok Tube Fitting 1/2", 12MM Female NPT 1/2"	6000	1715 @ 1200 °F	
			Flange (MSS)	6000	3030 @ 1000°F	
V3	Compact Body	316SS (ASTM A479)	Male NPT 1/2", 3/4" Female NPT 1/2", 3/4" Female NPT 1/4" (vent)	6000	1715 @ 1200 °F	
V5	Standard Body	316SS (ASTM A479)	Swagelok Tube Fitting 1/2", 12MM Female NPT 1/8", 1/4", 1/2"	6000	1715 @ 1200 °F	
			Flange (MSS)	6000	3030 @ 1000°F	



## Product Illustration

### V2 Series Manifold Valves

#### Standard Body



#### Flange Body



#### Compact Body



### V3 Series Manifold Valves

#### Standard Body

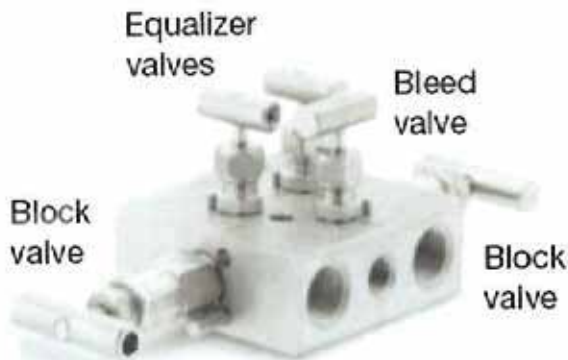


#### Compact Body

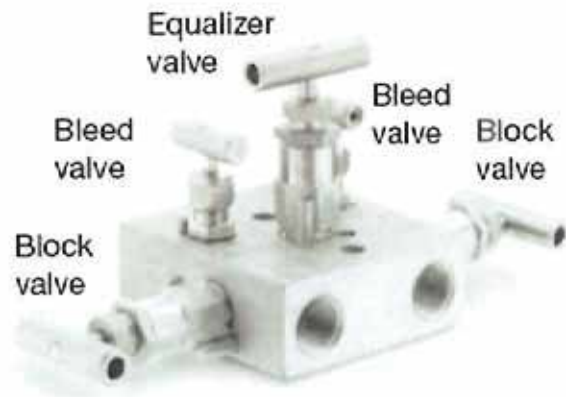


### V5 Series Manifold Valves

#### Standard Body – One Bleed Valve



#### Standard Body – Two Bleed Valves





## 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:

### Valve Design

Small Bonnet Valve – actuator threads are wetted  
Large Bonnet Valve – actuator threads are non-wetted

### Valve Packing Material

Virgin Polytetrafluoroethene (PTFE) – standard  
Grafoil – high temperature option

### Flange Seal Materials

Fluorocarbon FKM  
Virgin Polytetrafluoroethene (PTFE)  
Reinforced Polytetrafluoroethene (PTFE)  
Grafoil

### MSS Flange Fasteners

Standard Hex Head Bolt  
Long Stud with Hex Nut  
Short Hex head Bolt

### Eccentric Flanges

Swagelok Tube Fitting  
Female NPT  
Pipe Butt Weld

### Concentric and Eccentric Pipe Nipples

Stainless Steel  
Carbon Steel



## Quality System

Swagelok Company's quality system complies with the requirements of BS EN ISO 9001:2015. Swagelok Company maintains British Standards Institution Certificate of Registration Number FM 01729, which applies to all locations listed on the Certificate. The V Series Manifold Valves are manufactured at a Swagelok Company location in Solon, Ohio.

## References

The product catalog does not represent the full scope of registration, but rather details some of the most common options. See Swagelok's Instrument Manifold Systems Catalog MS-02-445, R2

## 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. GallerstraBe 84 Lachen, Switzerland 8853 Switzerland
Swagelok Limited Ballafletcher Road Tromode IM4 4RA Isle of Man	

