

**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                  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 align="center"><b>TITLE OF THE STANDARD OF CONSTRUCTION</b></p> <p>ASME B31.1 and ASME B31.3 (for unlisted components)</p>
<p><b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b></p> <p align="center" style="font-size: 2em;"><i>Swagelok</i></p>	<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>
<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 David H. Peace (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: [Signature]

Declared before me at Solon, Ohio

This 15<sup>th</sup> day of Feb AD 2018

Commissioner of Oaths or Notary Public: (sign) [Signature]



<p align="center">This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of registration.</p> <p>CRN: <u>OC20294.5</u>                  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><b>Brunswick</b>                  DEPT OF PUBLIC SAFETY                  BOILER &amp; PRESSURE VESSEL ACT</p> <p>REGISTRATION ONLY</p> <p>CRN <u>OC20294.57</u></p> <p>EXAMINER <u>[Signature]</u>                  or                  CHIEF BOILER INSPECTOR</p> <p>DATE <u>6/8/2018</u></p>
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BLRs  PVs  
 FITTINGS  COMPONENTS



## Attachment B. Scope of Registration for Swagelok CH Series Check Valves (Category C)

### Product Scope

This document represents the scope of Swagelok® CH Series Check 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	@Max. Temp	
CH4	Body	316 SS (ASTM A479)	Tube Fitting 1/8", 1/4", 6MM Female NPT 1/4" Male NPT 1/4" Female ISO 1/4" Male ISO 1/4" Male VCO fitting 1/4" Male VCR fitting 1/4"	6000 psig	4280 psig @ 400°F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
			AN (Army/Navy) fitting 1/4"	5000 psig	3575 psig @ 400°F	
CH4	Body	Alloy 400/405 (UNS N04400/ N04405) (ASTM B164)	Tube Fitting 1/8", 1/4", 6MM	5000 psig	5000 psig @ 300°F	
CH8	Body	316 SS (ASTM A479)	Tube Fitting 3/8", 1/2", 8MM, 10MM, 12MM Male NPT 3/8", 1/2" Male ISO 1/2" Male VCO Fitting 1/2"	6000 psig	4280 psig @ 400°F	
			Female NPT 3/8"	5300 psig	3789 psig @ 400°F	
			Female ISO 1/2" Female NPT 1/2"	4900 psig	3503 psig @ 400°F	
			Female SAE/MS 1/2" Male SAE/MS 1/2"	4568 psig	4280 psig @ 400°F	
			Male VCR fitting 1/2"	4300 psig	3074 psig @ 400°F	
CH8	Body	Alloy 400/405 (UNS N04400/ N04405) (ASTM B164)	Tube Fitting 3/8", 8MM	5000 psig	5000 psig @ 300°F	
			Tube Fitting, 10MM	5000 psig	4215 psig @ 300°F	
			Tube Fitting 1/2"	4400 psig	3652 psig @ 300°F	
			Tube Fitting 12MM	4200 psig	3493 psig @ 300°F	
CH16	Body	316 SS (ASTM A479)	Tube Fitting 3/4" Male NPT 3/4", 1" Male ISO 3/4", 1" Male VCO Fitting 3/4",	5000 psig	3560 psig @ 400°F	
			Tube Fitting, 22MM	4900 psig		
			Tube Fitting 1"	4700 psig		
			Tube Fitting 25MM	4640 psig		

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	@Max. Temp	
CH16	Body	316 SS (ASTM A479)	Male VCO Fitting, 1"	4700 psig	3120 psig @ 400°F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
			Female NPT 3/4" Female ISO 3/4"	4600 psig	3289 psig @ 400°F	
			Female NPT 1" Female ISO 1"	4400 psig	3146 psig @ 400°F	
			Male VCR fitting 3/4"	3700 psig	2645 psig @ 400°F	

**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 BSI 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.

- Check Valves MS-01-176, R11



## 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 Tromode IM4 4RA Isle of Man	

