

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>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</p> <p>A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges <input checked="" type="radio"/> 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>TITLE OF THE STANDARD OF CONSTRUCTION</p> <p align="center">ASME B31.3 for unlisted components</p>
<p>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</p> <p align="center" style="font-size: 2em;">Swagelok</p>	<p>TYPE OF CONSTRUCTION</p> <p>FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER:</p>
<p>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p> <p align="center">ISO 9001:2008 Quality System Certificate, Attachment A, Attachment B, Catalog Information, submitted support documents.</p>	

DECLARATION:

I David H. Peace (see note 2) 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]

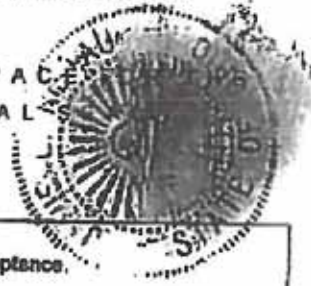
Declared before me at Solon, Ohio

This 13th day of November AD 2017

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

USE THIS SPACE FOR OFFICIAL

James L. Risler
Resident Portage County
Notary Public, State of Ohio
Commission Expires: 03/08/2019



<p>This space for Regulatory Authority use</p> <p>This registration must be revalidated after ten (10) years from the date of acceptance.</p>	
<p>CRN: <u>OC20227.5</u></p> <p>FID#: <u>1214</u></p>	<p>Newfoundland Labrador Service NL</p> <p>Registered <u>OC20227-50</u> Date <u>14 MAY 2018</u> Engineering and Inspection Services Registered by <u>[Signature]</u></p>
<p>Notes:</p> <ol style="list-style-type: none"> All fittings shall be registered in the name of the Manufacturer. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years. 	
<p>UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULATIONS</p>	

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	

THIS IS PART OF
CRN 0C20227.5
 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program

Attachment B. Scope of Registration for Swagelok P4T, P6T Series Plug Valves (Category C)

Product Scope

This document represents the scope of Swagelok® P4T, P6T Plug 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.	
P4T	Body	316 SS (ASTM A479)	Tube Fitting 1/8", 1/4", 3/8", 6MM Female NPT 1/8", 1/4" Male NPT 1/8", 1/4" Female ISO pipe 1/4"	3000 psig @100°F	1000 psig @400°F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
		Brass C36000 (ASTM B16)	Tube Fitting 1/8", 1/4", 6MM Female NPT 1/8", 1/4" Male NPT 1/8", 1/4" Female ISO pipe 1/4"		400 psig @400°F	
				Tube Fitting 3/8"	2200 psig @100°F	
P6T	Body	316 SS (ASTM A479)	Tube Fitting 3/8", 1/2", 8MM, 10MM, 12MM Female NPT 1/4", 1/2" Male NPT 1/2" Female ISO 1/2"	3000 psig @100°F	1000 psig @400°F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
		Brass C36000 (ASTM B16)	Tube Fitting 3/8", 1/2", 8MM, 10MM, 12MM Female NPT 1/4", 1/2" Male NPT 1/2" Female ISO 1/2"	2000 psig @100°F	400 psig @400°F	
				Tube Fitting 10MM		

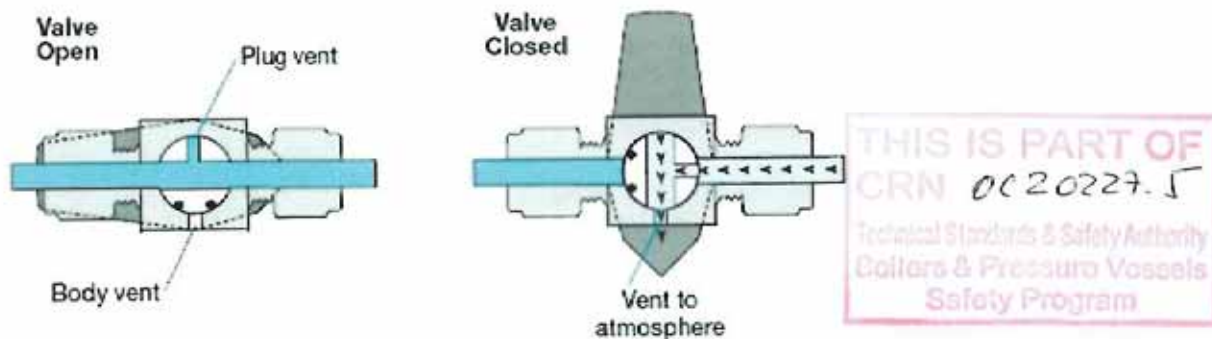
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Product Illustration



Configurations

Vented plug and valve body allow pressure release to atmosphere when the valve is closed.



Typical Product Characteristics:

Some of the product options listed below affect 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:

O-Ring Material Options

- FKM with PTFE coating
- Nitrile with PTFE coating
- Ethylene Propylene with PTFE coating
- Neoprene with PTFE coating

Additional options and non-pressure boundary alterations 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, handle options, actuator options, etc.

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

- P4T, P6T Series Plug Valve Catalog MS-01-59, R8