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Statutory Declaration (Registration of Fittings)

TSK-1008

I. Declaration Information

I, Joel Feldman, Vice President, Engineering (company title, e.g. vice president, plant manager, chief engineer) (must be in a position of authority in the manufacturing plant where the fitting is produced) of: Swagelok Company (name of manufacturer)



located at: Headquarters: 29500 Solon Road Solon, Ohio 44139 USA (Plant Address - Apt/Street) (City, Prov) (Postal Code)

do solemnly declare that the fittings listed hereinunder, which are subject to the Saskatchewan Boiler and Pressure Vessel Safety Act (check one)

- Comply with the requirements of ASME B31.1 and ASME B31.3 which specifies the dimensions, Materials of construction, pressure / temperature ratings and identification marking of the fittings, or Are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with as supported by the attached data which identifies the dimensions, materials of construction, pressure / temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacturer of these fittings is controlled by a quality control program which has been verified by the following authority, BSI as being suitable for the manufacturer of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are Category C. Valve

In support of this 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

II. Declaration

DECLARED before me at this day of Unable to get a notary signature or seal due to COVID-19 situation (print name) (Signature of Commissioner of Oaths)

DocuSigned by: [Signature] /18/2021 | 8:19 AM EST C87CBBFFD3F14B7...

III. Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the Boiler and Pressure Vessel Safety Act and CSA B51, Clause 4.2, and is accepted for registration in Category

Technical Safety Authority of Saskatchewan registration details: Registration No: OC23691.53, File No: 12910, Date: February 1, 2022, Expiry Date: January 5, 2032

(Date Registered - MM DD YYYY) (Expiry Date - MM DD YYYY) (For the Administrator / Chief Inspector)

## Attachment B: Scope of CRN for Swagelok BS6 and LRS4 Regulators (Category C)

This document represents the scope of bolted / threaded-body RHPS Series, BS6 and LRS4 Series Pressure Regulators covered by this submission for CRN approval. These spring-loaded regulators have been evaluated in accordance with ASME B31.1-2020 and B31.3-2020 for unlisted components.

### Summary Table

Product Series	Main Pressure Bearing Component	Main Pressure Bearing Material (Standard)	Port Connections, Sizes	Maximum Rated Pressure				Design Code of Construction
				At Ambient temperature		At maximum temperature		
				Inlet	Outlet	Inlet	Outlet	
BS6	Body	316L SS UNS 31603 (ASTM A479)	Female NPT, 3/4" in.					ASME B31.1/ ASME B31.3 (Unlisted Components)
			ASME/ANSI B16.5 Flange (600#, 900#, 1500#, 2500#)	1015 psi (70 bar)	203 psi (14 bar)	1015 psi (70 bar)	203 psi (14 bar)	
			ASME/ANSI B16.5 Flange (300#)	600 psi (41 bar)	203 psi (14 bar)	600 psi (41 bar)	203 psi (14 bar)	
			ASME/ANSI B16.5 Flange (150#)	230 psi (16 bar)	203 psi (14 bar)	230 psi (16 bar)	203 psi (14 bar)	
LRS4	Body	316L SS UNS 31603 (ASTM A479)	Female NPT, 1/2 in.	507 psi (35 bar)	290 psi (20 bar)	507 psi (35 bar)	290 psi (20 bar)	

### Product Illustration



BS6 Series Regulator



LRS4 series Regulator

## **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:

### **Seal Materials**

Fluorocarbon FKM  
Nitrile  
EPDM  
FFKM  
Low temperature Nitrile

### **Diaphragm Materials**

Fluorocarbon FKM  
Nitrile  
EPDM  
FFKM  
Low temperature Nitrile  
PTFE  
316L SS



## **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.

- RHPS Regulators Series Catalog MS-02-430, Rev K

**THIS IS PART OF CRN**  
**0C23691.5**  
Technical Standards and Safety Authority  
Boilers and Pressure Vessels Safety  
Program

## 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

