



Technical Standards and Safety Authority
 345 Carlingview Drive
 Toronto, Ontario M9W 6N9
 www.tssa.org

Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below

**** See attached**

STATUTORY DECLARATION Registration of Fittings

I, James Nordholt, Vice President of Engineering
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Swagelok Company
(Name of Manufacturer)

Located at 29500 Solon Road, Solon, Ohio 44139 USA (440) 248-4600 (440) 349-5970
(Plant Address) (Telephone No.) (Fax No.)

do solemnly declare that the fittings listed hereunder, which are subject to the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, comply with all of the requirements of ASME B31.1 and ASME B31.3 for Unlisted Components
(Title of recognized North American Standard)

which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;

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, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001:2015 which has been verified by the following authority, The British Standards Institution.

The items covered by this declaration, for which I seek registration, are category C type fittings. In support of this application, the following information and/or test data are attached as follows:
ISO 9001:2015 Certificate, Catalog Information, Support Documents, Attachment B
(drawings, calculations, test reports, etc.)

Declared before me at Solon in the State of Ohio

the 12th day of May AD 2023.

Commissioner for Oaths:

Eleanor L Duke
(Printed name)

[Signature]
(Signature)



ELEANOR L DUKE
 Notary Public
 State of Ohio
 My Comm. Expires
 May 27, 2027

[Signature]
(Signature of Declarer)

FOR OFFICE USE ONLY

To the best of my knowledge and belief, the application meets the requirements of the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category 'C'.

CRN: _____

Registered by: _____

Dated: 2023-09-01

NOTE: This registration expires on: 2033-08-15

2023-04988

ABSA

SAFETY CODES ACT - PROVINCE OF ALBERTA

ACCEPTED: OC16304. 52

See acceptance letter for conditions of registration.

Date: **2023-09-01** By: Tik Stan Poon
ASHLING POON, P. Eng.
 DOP: D00007936

This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act

**Information provided in this application is releasable under the Freedom of Information and Privacy Protection Act and may be disclosed upon request.*

Swagelok®

Attachment B. Scope for Swagelok K Series Pressure Regulators (Category C)

Product Scope

This document represents the scope of the K Series Pressure Regulators covered by this submission for CRN approval. The Swagelok K Series Pressure Regulators were designed and evaluated in accordance with ASME B31.1 for unlisted components and ASME B31.3 for unlisted components.

THIS IS PART OF CRN
0C16304.5R1
Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety
Program

Summary Table

Product Series	Main Pressure Bearing Component	Main Pressure Bearing Material	Port Connections and Sizes	Maximum Rated Pressure				Design Code of Construction
				At ambient temperature		At maximum temperature		
				Inlet	Outlet	Inlet	Outlet	
KPR	Body	Stainless Steel (UNS S31600 / ASTM A479)	Female NPT 1/4"	6000 psi @ 100 °F	500 psi @ 100 °F	3600 psi @ 392 °F	500 psi @ 392 °F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
			Tube Stub 1/4" x .035 VCR Gland no nuts 1/4" VCR rotatable female 1/4" VCR rotatable male 1/4"	3600 psi @ 100 °F	500 psi @ 100 °F	3600 psi @ 392 °F	500 psi @ 392 °F	
		Brass (UNS C67500 / ASTM A479)	Female NPT 1/4"	3600 psi @ 100 °F	500 psi @ 100 °F	3600 psi @ 392 °F	500 psi @ 392 °F	
		Alloy 400 (UNS N04400 / ASTM B164) Alloy C-276 (UNS N10276 / ASTM B574)						
KCY	Body	Stainless Steel (UNS S31600 / ASTM A479)	Female NPT 1/4"	6000 psi @ 100 °F	500 psi @ 100 °F	3600 psi @ 392 °F	500 psi @ 392 °F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
		Brass (UNS C67500 / ASTM B138)	Female NPT 1/4"	3600 psi @ 100 °F	500 psi @ 100 °F	3600 psi @ 392 °F	500 psi @ 392 °F	
		Alloy 400 (UNS N04400 / ASTM B164)						
		Alloy C-276 (UNS N10276 / ASTM B574)						
KCM	Body	Stainless Steel (UNS S31600 / ASTM A479)	Female NPT 1/4"	3600 psi @ 100 °F	500 psi @ 100 °F	3600 psi @ 392 °F	500 psi @ 392 °F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
KLF	Body	Stainless Steel (UNS S31600 / ASTM A479)	Female NPT 1/4"	3600 psi @ 100 °F	250 psi @ 100 °F	3600 psi @ 392 °F	250 psi @ 392 °F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)

2023-04988
ABSA
SAFETY CODES ACT - PROVINCE OF ALBERTA
ACCEPTED: 0C16304.52
See acceptance letter for conditions of registration.
Date: 2023-09-01 By: *Ashling Poon*
ASHLING POON, P. Eng
DOP: 00067936

This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act

Product Series	Main Pressure Bearing Component	Main Pressure Bearing Material	Port Connections and Sizes	Maximum Rated Pressure				Design Code of Construction
				At ambient temperature		At maximum temperature		
				Inlet	Outlet	Inlet	Outlet	
KHF	Body	Stainless Steel (UNS S31600 / ASTM A479)	Female NPT 1/2"	3600 psi @ 100 °F	250 psi @ 100 °F	3600 psi @ 392 °F	250 psi @ 392 °F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
KCP	Body	Stainless Steel (UNS S31600 / ASTM A479)	Female NPT 1/8"	3600 psi @ 100 °F	1500 psi @ 100 °F	3600 psi @ 392 °F	1500 psi @ 392 °F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
KPP	Body	Stainless Steel (UNS S31600 / ASTM A479)	Female NPT 1/4"	6000 psi @ 100 °F	3000 psi @ 100 °F	6000 psi @ 392 °F	2975 psi @ 392 °F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
KPF	Body	Stainless Steel (UNS S31600 / ASTM A479)	Female NPT 1/2"	6000 psi @ 100 °F	4000 psi @ 100 °F	6000 psi @ 392 °F	4000 psi @ 392 °F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
KHP	Body	Stainless Steel (UNS S31600 / ASTM A479)	Female NPT 1/4"	10000 psi @ 100 °F	8000 psi @ 100 °F	10000 psi @ 392 °F	8000 psi @ 392 °F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
KHR	Body	Stainless Steel (UNS S31600 / ASTM A479)	Female NPT 1/4"	10000 psi @ 100 °F	8000 psi @ 100 °F	10000 psi @ 212 °F	8000 psi @ 212 °F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
KBP	Body	Stainless Steel (UNS S31600 / ASTM A479)	Female NPT 1/4" Tube Stub 1/4" x .035 VCR Gland no nuts 1/4" VCR rotatable female 1/4" VCR rotatable male 1/4"	500 psi @ 100 °F	500 psi @ 100 °F	500 psi @ 392 °F	500 psi @ 392 °F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
		Brass (UNS C67500 / ASTM B138)	Female NPT 1/4"	500 psi @ 100 °F	500 psi @ 100 °F	500 psi @ 392 °F	500 psi @ 392 °F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
		Alloy 400 (UNS N04400 / ASTM B164)						
		Alloy C-276 (UNS N10276 / ASTM B574)						<u>ASME B31.3 (Unlisted Components)</u>

Product Series	Main Pressure Bearing Component	Main Pressure Bearing Material	Port Connections and Sizes	Maximum Rated Pressure				Design Code of Construction
				At ambient temperature		At maximum temperature		
				Inlet	Outlet	Inlet	Outlet	
KFB	Body	Stainless Steel (UNS S31600 / ASTM A479)	Female NPT 1/2"	250 psi @ 100 °F	250 psi @ 100 °F	250 psi @ 392 °F	250 psi @ 392 °F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
KCB	Body	Stainless Steel (UNS S31600 / ASTM A479)	Female NPT 1/8"	375 psi @ 100 °F	375 psi @ 100 °F	375 psi @ 392 °F	375 psi @ 392 °F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
KPB	Body	Stainless Steel (UNS S31600 / ASTM A479)	Female NPT 1/4"	3000 psi @ 100 °F	3000 psi @ 100 °F	2975 psi @ 392 °F	2975 psi @ 392 °F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
KHB	Body	Stainless Steel (UNS S31600 / ASTM A479)	Female NPT 1/4"	8000 psi @ 100 °F	8000 psi @ 100 °F	8000 psi @ 212 °F	8000 psi @ 212 °F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
KEV (diaphragm)	Body	Stainless Steel (UNS S31600 / ASTM A479)	Female NPT 1/4"	3600 psi @ 100 °F	500 psi @ 100 °F	3600 psi @ 392 °F	500 psi @ 392 °F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
KEV (piston)	Body	Stainless Steel (UNS S31600 / ASTM A479)	Female NPT 1/4"	3600 psi @ 100 °F	3000 psi @ 100 °F	3600 psi @ 392 °F	2975 psi @ 392 °F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
KSV	Body	Stainless Steel (UNS S31600 / ASTM A479)	Female NPT 1/4"	3600 psi @ 100 °F	500 psi @ 100 °F	3600 psi @ 392 °F	500 psi @ 392 °F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)

Product Illustration**THIS IS PART OF CRN**

0C16304.5R1

Technical Standards and Safety Authority

Boilers and Pressure Vessels Safety
Program**Typical Product Characteristics:**

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:

- PCTFE seat material
- PEEK seat material

Some of the product options listed below do not affect the pressure-temperature ratings shown in the Summary Table. All of the following options are within the scope of this registration:

- ASTM G93 Level-E cleaned
- Swagelok SC-11 cleaned
- Handle Type (e.g. knob, thumbwheel, etc)
- Panel Mounting

Quality System

The Swagelok Company quality system complies with the requirements of BS EN 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. The K Series Pressure Regulators are manufactured at a Swagelok Company locations in Solon, Ohio and Tromode, Isle of Man, British Isles.

References

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

- K Series Pressure Regulator Catalog MS-02-230, Rev Q

