



TECHNICAL STANDARDS & SAFETY AUTHORITY
 14th Floor, Centre Tower
 3300 Bloor Street West
 Toronto, Ontario
 Canada M8X 2X4

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

Swagelok

STATUTORY DECLARATION Registration of Fittings

I, David H. Peace, 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 9001:2008 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 9001:2008 Certificate, Catalog Information, Support Documents, Attachment B, Attachment A
(drawings, calculations, test reports, etc.)

Declared before me at Solon in the State of Ohio
 the 11th day of September AD 2015.

Commissioner for Oaths:

Jamie L Ristau Jamie L Ristau
(Printed name) Resident Portage County Notary Public, State of Ohio My Commission Expires: 03/06/2019
Jamie L Ristau [Signature]
(Signature) (Signature of Declarer)

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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: CSA - OC18133.56

Registered by: A. BANWATT

Dated: MARCH 16 2016

NOTE: This registration expires on: DEC. 17 2025



*Note: See the attachment for the scope of the registration.

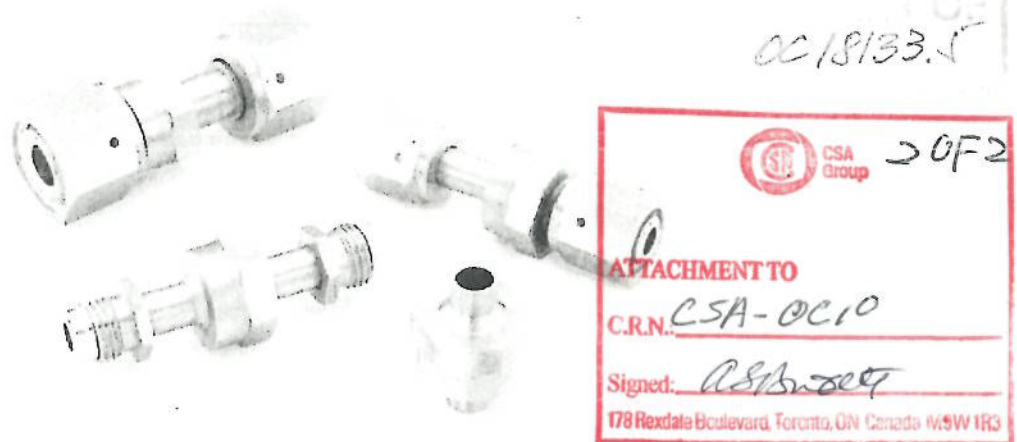
Attachment B: Scope of CRN Registration for The Swagelok CW Series All-Welded Check Valves (Category C)

This document represents the scope of the CW Series All-Welded Check Valve covered by this submission for CRN approval. The Swagelok CW Series Check Valve was designed and evaluated in accordance with ASME B31.1-2007 for unlisted components and ASME B31.3-2006 for unlisted components.

Summary Table

Product Description or Series	Main Pressure Bearing Component	Main Pressure Bearing Material (Standard)	Port Connections and Sizes	Maximum Rated Temperature (psig)		Design Code of Construction
				At ambient temperature	At maximum temperature	
CW4	Body	316L Stainless Steel (ASTM A479)	Tube Butt Weld Ends 1/4", 3/8", 1/2", 6MM Female VCR Fittings 1/4", 1/2" Integral Male VCR Fittings 1/4", 1/2" Female/Integral Male VCR Fittings 1/4" Rotatable Male VCR Fittings 1/4" Swagelok Tube Fitting 1/4", 6MM	3000 @ 100 °F	2065 @ 400 °F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)

Product Illustration



Product Options

Some product options could 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. An example of this would be optional body seal materials.

Additional options that do not affect pressure-temperature ratings may be made available within the scope of this registration. An example of this would be optional poppet springs.

Quality System

The Swagelok Company quality system complies with the requirements of BS EN ISO 9001:2008. The Swagelok Company maintains British Standards Institution Certificate of Registration Number FM 01729, which applies to all locations listed on the Certificate. The CW Series Check Valve is 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.

- CW Series Check Valve Catalog MS-02-89