



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 20 15

Commissioner for Oaths:

Jamie L Ristau
(Printed name)

Jamie L Ristau

Resident Portage County
 Notary Public, State of Ohio

My Commission Expires: 03/06/2019

Jamie L Ristau
(Signature)

[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



REGISTERED

CRN: OC 18133.5

C.R.N.: OC 18133.5

Registered by: Liliana Constantinescu

Signed: Liliana Constantinescu

Dated: Dec. 17, 2015

Date: Dec 17, 2015

NOTE: This registration expires on: Dec. 17, 2025

scope of registration: see attached stamped attachment B doc.

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 (Snow Metal) 6060 Cochran Road Solon, Ohio 44139 USA
Swagelok Company (OFC) 29495 F.A. Lennon Drive Solon, Ohio 44139 USA	Swagelok (China) Fluid System Technologies Ltd. Changshu Export Process Zone Changshu Economic Development Zone Changshu, Jiangshu 215513 China
Swagelok Company (Highland) 318 Bishop Road Highland Heights, Ohio 44143 USA	Swagelok Company (Strongsville) 15400 Foltz Parkway Strongsville, Ohio 44119
Swagelok Company (Atlantic) 26651 Curtiss Wright Parkway Willoughby Hills, Ohio 44092 USA	Swagelok Company (Alfred) 29500 Ambina Drive Solon, Ohio 44139
Swagelok Company (Micro) 26653 Curtiss Wright Parkway Willoughby Hills, Ohio 44092 USA	Swagelok Hose Services Company (SHSC) 29900 Solon Industrial Parkway Solon, Ohio 44139
Swagelok Company (Falon 1) 348 Bishop Road Highland Heights, Ohio 44143 USA	Swagelok Company A.G. (European Technology Center) St. GallerstraBe 84 Lachen, Switzerland 8853 Switzerland
Swagelok Company (Falon 2) 358 Bishop Road Highland Heights, Ohio 44143 USA	Swagelok Limited Tromode IM4 4RA Isle of Man
Swagelok Company (HPF) 6050 Cochran Road Solon, Ohio 44139 USA	Swagelok Technology Services Company 4922 Pittsburgh Avenue Erie, Pennsylvania 16509-6207 USA



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