

REGISTERED



CRN: CSA - 0C20863.56

Registration Process administered by

Statutory Declaration Registration of Fittings

(a) Design Qualification	CSA Group per CSA B51					
I ¹ Joel Feldman	oon droup per con Bot					
Vice President, Engineering						
(Position eg, president, plant manager, chief eng.)						
Of Swagelok Company						
(name of company)						
Located at Headquarters: 29500 Solon Road, Solon, Ohio 44139 USA (See Attachment A) (plant address)						
do solemnly declare that the fittings listed hereunder, which are subject to the Boilers & Pressure Vessels Act:						
comply with all the requirements of the ANSI/ASME codes as to their dimensions, material, identification & service for which are required: Or						
are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with code and standard, and are designed to the best current engineering practice, as shown by the supporting test data.						
(b) Quality control of Manufacture						
I further declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of ISO 9001:2015 , and has been verified by the following authority or authorized agency BSI						
The fittings ² covered by this declaration, for which I seek registration, are <u>Category C. Valves</u>						
In support of the 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						
Declared before me at Solon Jamie L. Ristau						
Resident Portage Coun						
My Commission Expires: 02/	94/3019 ma					
The DY Davist August ADJE 2018						
Lames of Dustan	All Cill					
A (commissioner for oaths)	Signature of Declarer					
For Official Use Only						
	lance with the Boilers and Pressure Vessels Act and					
This registration must be revalidated after ten (10) years from the date of acceptance. Nov · 18 · 2028						
Registered Number CRN CSA-OC 208 63.56 Date	R.W. Barnes Feb. 26. 2019					

All fittings are required to be registered in the name of the Manufacturer.

u:\corbin\anglais-complet [2003-03-31]

Three completed copied of Statutory Declaration form together with three copies of Catalogs, drawings of Bulletins illustrating above fittings shall be submitted.

² This form shall be completed and signed by the president of highest official in the manufacturing plan where the fitting is produced.

Swagelok

Canadian Registration Number Submittal #C-CA-CHECK-2018 Category C: Swagelok C, CA Series Check Valves

Date: September 24, 2018 Page 1 of 2

Attachment B. Scope of Registration for Swagelok C and CA Series Check Valves (Category C)

Product Scope

This document represents the scope of Swagelok® C and CA Series Check 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	
				@100°F	@Max. Temp	Construction	
2C, 4C, 6C, 8C	Body	316 SS (ASTM A479)	Swagelok Tube Fitting 1/8", 1/4", 3/8", 1/2", 6MM, 10MM, 12MM Female NPT 1/8", 1/4", 3/8", 1/2" Male NPT 1/8", 1/4", 3/8", 1/2" Male VCR Fitting 1/4", 1/2"	3000 psig	2185 psig @ 375°F		
12C, 16C	Body	316 SS (ASTM A479)	Swagelok Tube Fitting 3/4", 1" Female NPT 3/4", 1" Male NPT 3/4", 1" Male VCR Fitting 3/4", 1"	2000 psig	1450 psig @ 375°F		
		·	Swagelok Tube Fitting 1/8", 1/4" Female NPT 1/8", 1/4" Male NPT 1/8", 1/4", 3/8", 1/2"	3000 psig	2405 psig @ 250°F		
			Swagelok Tube Fitting 6MM	3000 psig	2298 psig @ 250°F	ASME B31.1	
	Body MENT TO	C36000 Brass (ASTM B16)	Swagelok Tube Fitting 3/8"	2200 psig	1584 psig @ 250°F	(Unlisted Components) and ASME B31.3 (Unlisted Components)	
			Swagelok Tube Fitting 1/2"	2100 psig	1512 psig @ 250°F		
			Swagelok Tube Fitting 10MM	1886 psig	1358 psig @ 250°F		
C.R.N. (25A-0		20863.	wagelok Tube Fitting 12MM	2031 psig	3462 psip / @ 250 F	RTOF	
Signed:	Redovert Toronto	IN Canada M9W 1R3	Female NPT 3/8"	2600 psig	2405 psig	2096-3 a	
1010000	50010101Q 1010HU3,		Female NPT 1/2"	2400 psig		re Vessels	
12C, 16C	Body		C36000	Swagelok Tube Fitting 1*	1500 psig	1080 psig @ 250°F	Language Control of the Control of t
		Brass (ASTM B16)	Swagelok Tube Fitting 3/4" Female NPT 3/4", 1" Male NPT 3/4", 1"	1500 psig	1200 psig @ 250°F		
4CA	Body	316 SS (ASTM A479)	Swagelok Tube Fitting 1/4", 6MM, 8MM Male NPT 1/4" Male VCR Fitting 1/4",	3000 psig	2185 psig @ 375°F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted	
4CA	Body	C36000 Body Brass (ASTM B16)	Swagelok Tube Fitting 1/4" Male NPT 1/4",	3000 psig	2405 psig @ 250°F		
			Swagelok Tube Fitting 6MM	3000 psig	2298 psig @ 250°F		
			(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Swagelok Tube Fitting 8MM	2322 psig	1671 psig @ 250°F	Components)

Swagelok

Canadian Registration Number Submittal #C-CA-CHECK-2018
Category C: Swagelok C, CA Series Check Valves

Product Illustration

Date: September 24, 2018 Page 2 of 2



Typical Product Characteristics:

Additional options 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, poppet springs, lubricants, and body seal materials.

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.

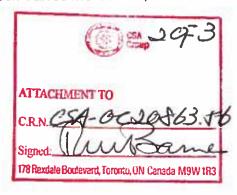
Special Ordering Instructions

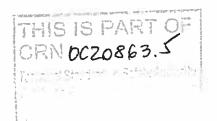
None

References

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

Check Valves MS-01-176, R11





Attachment A. Swagelok Manufacturing Locations

This document lists the Swagelok locations where end item or component level manufacturing activities take place.

	Connected Comment (Fele 4)		
Swagelok Company 29500 Solon Road	Swagelok Company (Falon 1) 348 Bishop Road		
Solon, Ohio 44139	Highland Heights, Ohio 44143		
USA	USA		
Swagelok Company (Highland)	Swagelok Company (Falon 2)		
318 Bishop Road	358 Bishop Road Highland Heights, Ohio 44143		
Highland Heights, Ohio 44143 USA	USA		
00A			
Swagelok Company (OFC)	Swagelok Company (HPF)		
29495 F.A. Lennon Drive	6050 Cochran Road		
Solon, Ohio 44139	Solon, Ohio 44139 USA		
USA	UGA		
Swagelok Company (Atlantic)	Swagelok Company (Snow Metal)		
26651 Curtiss Wright Parkway	6060 Cochran Road		
Willoughby Hills, Ohio 44092	Solon, Ohio 44139		
USA	USA		
Swagelok Company (Micro)	Swagelok Company (Alfred)		
26653 Curtiss Wright Parkway	29500 Ambina Drive		
Willoughby Hills, Ohio 44092	Solon, Ohio 44139		
USA			
Swagelok Hose Services Company (SHSC)	Swagelok Company (Strongsville)		
29900 Solon Industrial Parkway	15400 Foltz Road		
Solon, Ohio 44139	Strongsville, Ohio 44119		
	Suggested Company A.C. (European Technology		
Swagelok (China) Fluid System Technologies Ltd. Changshu Export Process Zone	Swagelok Company A.G. (European Technology Center)		
Changshu Economic Development Zone	St. GallerstraBe 84		
Changshu, Jiangshu	Lachen, Switzerland 8853		
215513 China	Switzerland		
Swagelok Limited			
Ballafletcher Road			
Tromode	TARTOE!		
IM4 4RA	THIS IS PART OF		
Isle of Man	CRIV 0C20863.J		

