

REGISTERED
 CRN: CSA-0C21354.56
 Registration Process administered by
 CSA Group per CSA B51

Statutory Declaration Registration of Fittings

(a) Design Qualification

I¹ Joel Feldman
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 fittings² covered by this declaration, for which I seek registration, are Category C. Valve

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
 In the pt. of State of Ohio
 The 10 Day of February AD 2019

Jamie L. Ristau
 Resident Portage County
 Notary Public, State of Ohio
 My Commission Expires: 03/08/2019

Signature of Declarer³

A (commissioner for oaths)

For Official Use Only

The application is accepted for registration in Category C in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51.

This registration must be revalidated after ten (10) years from the date of acceptance. May 1 2029

Registered Number CRN CSA-0C21354.56 For the Chief Inspector A. BANWATT
 Date Jun 10 2019

1 Three completed copied of Statutory Declaration form together with three copies of Catalogs, drawings of Bulletins illustrating above fittings shall be submitted.
 2 All fittings are required to be registered in the name of the Manufacturer.
 3 This form shall be completed and signed by the president of highest official in the manufacturing plan where the fitting is produced.

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

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 OC21354.5



Attachment B: Scope for Swagelok H83 Series Ball Valves (Category C)

This document represents the scope of the H83 Series Ball Valve covered by this submission for CRN approval. The Swagelok H83 Series Ball Valves were designed and evaluated in accordance with the requirements of MSS SP-105-2016a "Instrument Valves for Code Applications".

Summary Table

Product Description or Series	Main Pressure Bearing Component	Main Pressure Bearing Material (Standard)	Port Connections and Sizes	Maximum Rated Pressure		Design Code of Construction
				@ 100°F	@ Max Temp	
H83	Body	316SS (ASTM A479)	Swagelok Tube Fitting 1/4", 6MM, Female NPT 1/8", 1/4"	10,000 psig	500 psig @ 450°F	MSS-SP-105
			Swagelok Tube Fitting 3/8", 8MM	7500 psig		
			Swagelok Tube Fitting 1/2"	6700 psig		
			Swagelok Tube Fitting 10MM	8400 psig		
			Swagelok Tube Fitting 12MM	6800 psig		

Product Illustration



Product Options:

A variety of seat seal and stem seal materials are offered within the scope of this registration. Some of these options affect product pressure and/or temperature ratings, but in all cases these rating differences are less than those shown in the above Summary Table.

Additional options and non-pressure boundary alterations that do not affect pressure-temperature ratings are also available within the scope of this registration. Examples of these would include, but not be limited to, 3-way valves, handle options, indicator switches, actuators, etc.

Quality System

The Swagelok Company quality system complies with the requirements of 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.

References

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

- 83 and H83 Series Ball Valve Catalog MS-01-166, REV Q

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ATTACHMENT TO
C.R.N. <u>CSA-0021354.5</u>
Signed <u>[Signature]</u>
178 Rexdale Boulevard, Toronto ON Canada M9W 1R3

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