

REGISTERED



CRN: CSA-OC21397.56

Statutory Declaration Registration of Fittings

Registration Process administered by CSA Group per CSA B51

(a) Design Qualification

I, 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:

[X] 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 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 State of Ohio

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

The 10 Day of February AD 2019

[Signature of Notary] A (commissioner for oaths)

[Signature of Declarer] Signature of Declarer

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-13-2029

Registered Number CRN CSA-OC21397.56

For the Chief Inspector Date A. BANWATT Jul-23-2019

- 1 Three completed copies 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.



## Attachment B: Scope for Swagelok 83 Series Ball Valves (Category C)

This document represents the scope of Swagelok's 83 Series Ball Valve covered by this submission for CRN approval. These valves were designed and evaluated in accordance with ASME B31.1-2016 for unlisted components and ASME B31.3-2016 for unlisted components.

### 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
				At 100°F	At Maximum Temperature	
83	Body	316 SS (ASTM A479)	Tube Fitting 1/4", 3/8", 1/2", 6mm, 8mm, 10mm, 12mm Female NPT 1/8", 1/4"	6000 psig	500 psig @ 450°F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
			Female NPT 1/2"	4900 psig		
83	Body	Alloy 400 N04400 (ASTM B164)	Tube Fitting 1/4", 3/8", 6mm, 8mm, 10mm Female NPT 1/8", 1/4"	5000 psig	500 psig @ 450°F	
			Tube Fitting 1/2"	4400 psig		
			Tube Fitting 1/2"	4206 psig		
			Female NPT 1/2"	4140 psig		

  
**CSA GROUP**  
 ATTACHMENT TO  
 CSA-0021397.56  
 Signed:   
 76 Leslie Boulevard, Toronto, ON Canada M9W 1R3

### Product Illustration



THIS IS PART OF  
 CRN 0021397.5  
 Technical Standard for Safety Approval  
 Boilers & Pressure Vessels

## 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.

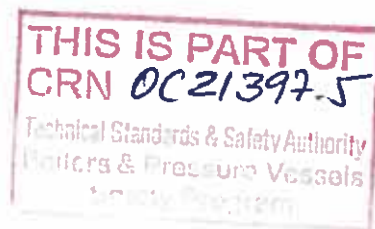
## Quality System

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

- Trunnion (83 Series) Ball Valve Catalog MS-01-166, REV Q



## 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 USA
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

00213975  
Technical Standards & Safety Authority  
Boilers & Pressure Vessels  
Safety Program



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ATTACHMENT TO  
 C.R.N.: CSA-0021397.56  
 Signed: [Signature]  
 100 Rexdale Boulevard, Toronto, ON Canada M9W 1R3