



Technical Standards and Safety Authority
 345 Carlingview Drive
 Toronto, Ontario M9W 6N9
 www.tssa.org

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, Joel Feldman, 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 for unlisted components, 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 9001:2015 which has been verified by the following authority, BSI

The items covered by this declaration, for which I seek registration, are category C. Valves type fittings. In support of this application, the following information and/or test data are attached as follows:

ISO 9001:2015 Certificate, Attachment A, Attachment B, Catalog Information and other Support Documents
(drawings, calculations, test reports, etc.)

Declared before me at _____ in the _____ of _____
 the _____ day of _____ AD 20_____.

Commissioner for Oaths:

**Unable to get a notary signature or seal
 due to Covid-19 situation - June 29, 2020**
(Printed name)

(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

CRN: 0C20808.25

Registered by:

Dated: July 27, 2020

NOTE: This registration expires on: Jul 7, 2030

Technical Standards and Safety Authority Boilers and Pressure Vessels Safety Program

REGISTERED

C.R.N.: 0C20808.25

Signed:

Date: July 27, 2020.

**Information provided in this application is releasable under the Freedom of Information and Privacy Protection Act and may be disclosed upon request.*

For scope of registration see the stamped attachment A and B.



Attachment B: Scope for Swagelok GB Series, 316 Stainless Steel and Alloy 2507, General Service Ball Valves (Category C)

This document represents the scope of the GB Series General Service Ball Valves, 2- and 3-piece designs, covered by this submission for CRN approval. These products were designed and evaluated in accordance with ASME B31.1-2018 for unlisted components and ASME B31.3-2018 for unlisted components.

Summary Table

Product Series	Main Pressure Bearing Components	Main Pressure Bearing Material (Standard)	Port Connections and Sizes	Maximum Rated Pressure (psig)		Design Code of Construction	
				At -40°F to 100°F	At maximum temperature 250°F		
8GB	Body, End Screw(s)	316 SS (ASTM A479)	Swagelok Tube Fitting 3/8", 1/2", 12mm	6,000	4,935	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)	
			Female NPT 3/8", 1/2", 3/4"				
			Female ISO/BSP Tapered (RT) 3/8", 1/2", 3/4"				
			Swagelok Tube Fitting 3/4"				
			Swagelok Tube Fitting 16mm				
			Swagelok Tube Fitting 18mm				
	Swagelok Tube Fitting 20mm						
	Body, End Screw(s)	Alloy 2507 (ASTM A479)	Swagelok Tube Fitting 3/8", 1/2", 3/4"	6,000	5,818		
			Female NPT 3/8", 1/2", 3/4"				
			Female ISO/BSP Tapered (RT) 3/8", 1/2", 3/4"				
			Swagelok Tube Fitting 3/4"				
			Swagelok Tube Fitting 1"				
Swagelok Tube Fitting 18mm							
16GB	Body, End Screw(s)	316 SS (ASTM A479)	Swagelok Tube Fitting 3/4"	5,800	4,935		
			Swagelok Tube Fitting 1"				
			Swagelok Tube Fitting 18mm				
			Swagelok Tube Fitting 20mm				
			Swagelok Tube Fitting 22mm				
			Swagelok Tube Fitting 25mm				
	Body, End Screw(s)	Alloy 2507 (ASTM A479)	Female NPT 3/4", 1"	6,000	4,935		
			Female ISO/ BSP Tapered (RT) 3/4", 1"				
			Swagelok Tube Fitting 3/4"			6,000	5,818
			Female NPT 3/4", 1"				
			Female ISO/ BSP Tapered (RT) 3/4", 1"				
			Swagelok Tube Fitting 3/4"				

Product Illustration



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Configurations

Bodies are only available in a straight pattern (2 ports), as shown in the above illustration.

Product Options:

The above summary table shows the options within scope of this registration. Additional options that do not affect pressure and/or temperature ratings are also available within the scope of this approval. Examples of these include:

- Handle options
- Pneumatic actuators

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.

References

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

- GB Series General Service Ball Valves Catalog MS-02-484, Rev B
- Technical drawings available at thomas.net
https://cad.swagelok.com/?_ga=2.159136250.1391233614.1590586342-1032800005.1561382416

Attachment A. Swagelok Manufacturing Locations

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

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Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety
Program

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