

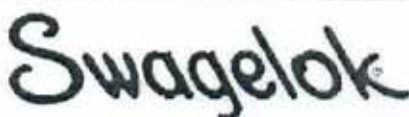
UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>Swagelok Company</u>	
MANUFACTURERS ADDRESS: <u>29500 Solon Road, Solon, Ohio 44139 USA</u>	
PLANT LOCATIONS: <u>Headquarters: 29500 Solon Road, Solon, Ohio 44139 USA (See Attachment A)</u>	
<p>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</p> <p>A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/>. (Meeting AECB or ASME requirements)</p>	<p>TITLE OF THE STANDARD OF CONSTRUCTION</p> <p>ASME B31.1 for unlisted components, ASME B31.3 for unlisted components</p>
<p>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</p> <p align="center"></p>	<p>TYPE OF CONSTRUCTION</p> <p>FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input checked="" type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER</p>
<p>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p> <p>ISO 9001:2015 Certificate, Attachment A, Attachment B, Catalog Information and other Support Documents</p>	

DECLARATION:

I, Joel Feldman, Vice President, Engineering (see note 3) employed by Swagelok Company and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by BSI as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: 

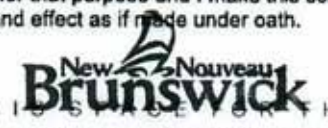
Declared before me at _____

This _____ day of Unable to get a notary signature or seal due to Covid-19 situation - June 29, 2020

Commissioner of Oaths or Notary Public: (sign) _____

(Affix Official seal to the right)

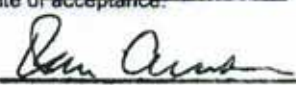
USE THIS SPACE FOR THE



**DEPT OF JUSTICES PUBLIC SAFETY
BOILER & PRESSURE VESSEL ACT**

REGISTRATION ONLY

CRN: OC20808.27


CHIEF BOILER INSPECTOR

DATE: 7/17/20

BLRs PVs

FITTINGS NUCLEAR COMPONENTS

This space for Regulatory Authority use

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

CRN: OC20808.2

FID#: 1214

General service ball valves, 2- and 3-PC designs (series 8GB & 16GB).

Notes:

- All fittings shall be registered in the name of the Manufacturer.
- Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.
- The declaration shall be made by the person having full authority and responsibility for the quality of the end product.
- Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.

CRN expires July 7, 2030 - DG



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.

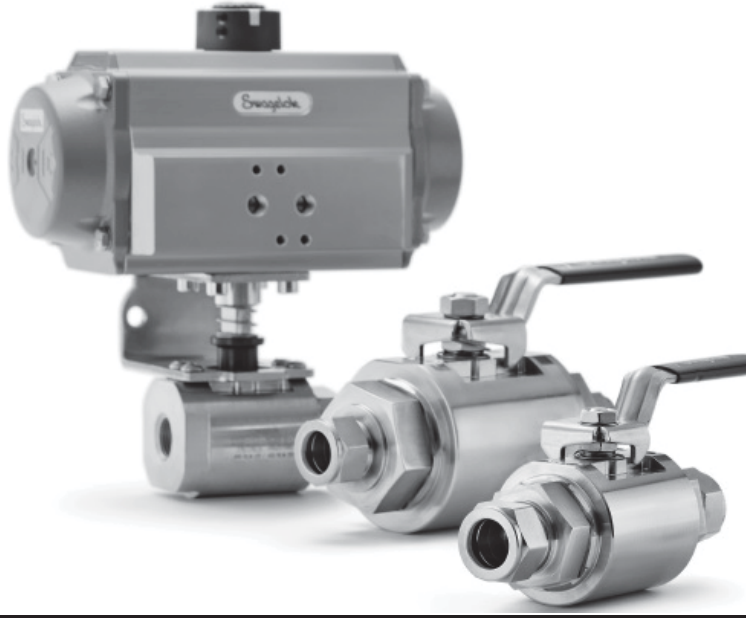
Summary Table

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"				

2020-03316 **ABSA**
 SAFETY CODES ACT - PROVINCE OF ALBERTA
ACCEPTED: 0C20808 . 2
 See acceptance letter for conditions of registration.
 Date: 2020-07-07 By: Zana Radisavljevic
 ZANA RADISAVLJEVIC, P. Tech. (Eng.)

This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.

Product Illustration



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.

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

July 07, 2020

Attention: Jonathan Seewald
SWAGELOK COMPANY
29500 SOLON ROAD
SOLON, OH 44139

The design submission, tracking number 2020-03316, originally received on June 30, 2020 was surveyed and accepted for registration as follows:

CRN : 0C20808.2 **Accepted on:** July 07, 2020
Reg Type: NEW DESIGN **Expiry Date:** July 07, 2030
Drawing No. : CATALOG MS-02-484 Rev B
Fitting type: GENERAL SERVICE BALL VALVES (SERIES 8GB & 16GB)

The registration is conditional on your compliance with the following notes:

As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction are ASME B31.1 and ASME B31.3.

- It is our understanding that the fitting(s), included as the scope of this submission, that is(are) subject to the Safety Codes Act shall comply with the requirements of the indicated Standard or Code of Construction on the AB-41 Statutory Declaration as supported by the attached data which identifies the dimensions, materials of construction, press./temp. ratings and the basis for such ratings, and the identification marking of the fittings.*
- This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form.*
- This registration is valid only until the indicated expiry date and only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date.*
- Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.*

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3369 or fax (780) 437-7787 or e-mail Radisavljevic@absa.ca.

Sincerely,



RADISAVLJEVIC, ZANA, P. Tech. (Eng.)
DOP Cert. No. D00003136