



Building Act (B-1.1)
Regulation respecting pressure vessels (B-1.1, r. 6.1)
Boiler, pressure vessel, and pressure piping code (CSA B51)

This declaration must be filled out and sent to the Régie du bâtiment du Québec (RBQ) by pressure fitting manufacturers when they make an application registration for fittings.

For more information on the application registration for fittings, consult the www.rbq.gouv.qc.ca/fittings-py.

1. Fittings to register


List the fittings included in this declaration and that you wish to register.

N°	Description	Additional information (detail, calculations or approval sheets)
1	VS03/VS04 Series Process Interface Valve	Attachment A, Attachment B, Catalog MS-02-340
2	MS02/MS03 Series Process Monoflanges	Attachment A, Attachment B, Catalog MS-02-340
3		
4		
5		

2. Declaration of the person in charge

The person in charge is someone in a position of authority, such as a vice-president, a plant manager or a chief engineer.

2.1 Design	
I, the undersigned, _____ (Name of the person in charge)	James Nordholt Vice President of Engineering (Title of the person in charge)
from _____ (Company's name)	Swagelok Company, located at _____ 29500 Solon Road, Solon, OH 44139 USA (Plant's address)
hereby declare that the above-mentioned fittings and subject to the Regulation respecting pressure installations:	
<input checked="" type="checkbox"/> comply with the requirements of the ANSI/ASME codes as to their dimensions, identification, material and purpose or <input type="checkbox"/> are not covered by the ANSI/ASME codes, but are in compliance with _____ ASME B16.34/B16.5, API 6A, API 6D (Name of code or standard)	
code or standard and are designed according to the best current engineering practice, as proven by the enclosed approval report.	

2.2 Manufacturing quality control	
I further declare that the manufacture of these fittings is controlled by a quality control program that complies with the requirements of the following code: _____, and has been verified by _____ (Name of code) (Authorized agency)	
Signature of the person in charge: _____ 	Date (yyyy-mm-dd): 2024-05-31

3. Declaration of commissioner for oaths

I certify that this declaration has been administered before me, at SOLON, OH , on 2024-05-31 .
(Location) (Date (yyyy-mm-dd)):

Signature of commissioner for oaths: [Signature] Date (yyyy-mm-dd): 2024-05-31

Stamp the seal:



4. Registration confirmation (for RBQ's use only)

As far as I know, this application complies with the requirements of the Act and with standard CSA B51, Part 1, section 4.2, and is accepted for registration in the class _____.

This registration expires in ten (10) years after the date of registration indicated above, and it must be validated again after this period.

Canadian registration number (CRN):

Registration date (yyyy-mm-dd):



Documents to attach

Any application registration for fittings must include these documents:

- Statutory Declaration Registration of Fittings (2 copies)
- Detailed calculations or burst test report (1 copy)
- Detailed technical drawings or catalogues (2 copies)
- Example of the manufacturer's marking (1 copy)
- Proof that a valid and approved quality control program has been implemented (1 copy)
- Form Application for design registration (1 copy)

Sending the form

This declaration is mandatory in order to submit an application registration of fittings.

Application registration for fittings must only be sent by mail to this address:

Bureau d'expertise et d'homologation en équipements sous pression
Régie du bâtiment du Québec
545, boulevard Crémazie Est, 7^e étage
Montréal (Québec) H2M 2V2



Attachment A. Swagelok Manufacturing Locations


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

Swagelok Company 29500 Solon Road Solon, Ohio 44139 USA	Swagelok Company (HPF) 6050 Cochran Road Solon, Ohio 44139 USA
Swagelok Company (OFC) 29495 F.A. Lennon Drive Solon, Ohio 44139 USA	Swagelok Company (Snow Metal) 6060 Cochran Road Solon, Ohio 44139 USA
Swagelok Precision Machining Services 1924 East 337th Street Eastlake, OH 44095 USA	Swagelok (China) Fluid System Technologies Ltd. Changshu Export Process Zone Changshu Economic Development Zone Changshu, Jiangshu 215513 China
Swagelok Company (Highland) 318 Bishop Road Highland Heights, Ohio 44143 USA	Swagelok Company (Strongsville) 15400 Foltz Road Strongsville, Ohio 44119
Swagelok Company (Atlantic) 26651 Curtiss Wright Parkway Willoughby Hills, Ohio 44092 USA	Swagelok Company (Alfred) 29500 Ambina Drive Solon, Ohio 44139
Swagelok Company (Micro) 26653 Curtiss Wright Parkway Willoughby Hills, Ohio 44092 USA	Swagelok Hose Services Company (SHSC) 29900 Solon Industrial Parkway Solon, Ohio 44139
Swagelok Company (Falon 1) 348 Bishop Road Highland Heights, Ohio 44143 USA	Swagelok Limited Ballafletcher Road Tromode IM4 4RA Isle of Man
Swagelok Company (Falon 2) 358 Bishop Road Highland Heights, Ohio 44143 USA	Euromisure Wika Instruments S.a.s. di Wika Italia S.r.l. Via Bernarde 11/1 36047 Montegaldella (VI) Italy

Attachment B: Scope for Swagelok VS03 and VS04 Series Process Interface Valves and MS02 and MS03 Series Process Monoflanges (Category C)

This document represents the scope of the Swagelok VS03 and VS04 Series Process Interface Valves and MS02 and MS03 Series Process Monoflanges covered by this submission for CRN approval. These products were designed and evaluated in accordance with ASME B16.34, ASME B16.5, ASME VIII Division 1, API 6A, and API 6D.

Summary Tables

Table 1: VS03 Scope							
Body Material/ Specification	Configuration	ASME Flange Class	Flange Size	Bore Size	Minimum Temperature	Maximum Allowable Working Pressure (psig)	
						At 100°F	At 356°F
S31600/S31603 ASTM A479 and F316/F316L ASTM A182	Ball/Needle/Ball (Block/Bleed/Block) Full Bore Reduced Bore	 <p>Enregistré au Québec 0C23957.26 Régie du bâtiment Québec 27/06/2024 Revue par la RBQ</p>	150 300 1 in. (DN 25) 600 1-1/2 in. (DN 40) 900 2 in. (DN 50) 3 in. (DN 80) 2500	1 in. (DN 25) 1-1/2 in. (DN 40) 2 in. (DN 50) 2 in. (DN 50)	-50°F	6000	4280
Carbon Steel ASTM A350 LF2						6170	5280
S31803 ASTM A479 and F51 ASTM A182						6250	5120
S32760 ASTM A479 and F55 ASTM A182						5000	3940
N04400 ASTM B164 and ASTM B564						6250	5820
N06625 ASTM B446 and ASTM B564							
N08825 ASTM B425 and ASTM B564							

- 1) All seat and seal combinations
- 2) All flange types: RF smooth, RF serrated, RTJ, FF serrated, and FF smooth
- 3) Outlet connection = same as process



4) Bleed connection: 1/2 in. female NPT

Table 2: VS04 Flange by Flange and Flange by Thread Scope							
Body Material/ Specification	Configuration	ASME Flange Class	Process Connection Size	Outlet Connection	Minimum Temperature	Maximum Allowable Working Pressure (psig)	
						At 100°F	At 500°F
S31600/S31603 ASTM A479 and F316/F316L ASTM A182	Ball/Needle/Ball (Block/Bleed/Block) Ball/Needle (Block/Bleed) Ball/Ball (Block/Block) 3/8 in. (9.5 mm) bore	150 300/600 900/1500 2500	1/2 (DN 15) 3/4 (DN20) 1 in. (DN 25) 1-1/2 in. (DN 40) 2 in. (DN 50) 3 in. (DN 80)	Flange 1/4, 3/8, 1/2, 3/4 in. female NPT 1/4, 1/2, 3/4 in. male NPT 1/4, 3/8, 1/2, 3/4, 6mm, 10mm, 12mm, 20mm Swagelok	-50°F	6000	4280
Carbon Steel ASTM A350 LF2						6170	5280
S31803 ASTM A479 and F51 ASTM A182						6250	5120
S32760 ASTM A479 and F55 ASTM A182						6250	5120
N04400 ASTM B164 and ASTM B564						5000	3940
N06625 ASTM B446 and ASTM B564						6250	5820
N08825 ASTM B425 and ASTM B564						6250	5820

- 1) All seat and seal combinations
- 2) All flange types: RF smooth, RF serrated, RTJ, FF serrated, and FF smooth
- 3) Bleed connection: 1/2 in. female NPT



Table 3: VS04 Thread by Thread Scope						
Body Material/ Specification	Configuration	Inlet Connection	Outlet Connection	Minimum Temperature	Maximum Allowable Working Pressure (psig)	
					At 100°F	At 500°F
S31600/S31603 ASTM A479 and F316/F316L ASTM A182	Ball/Needle/Ball (Block/Bleed/Block) Ball/Needle (Block/Bleed) Ball/Ball (Block/Block) 3/8 in. (9.5 mm) bore	1/4, 3/8, 1/2, 3/4 in. female NPT 1/4, 1/2, 3/4 in. male NPT 1/4, 3/8, 1/2, 3/4, 6mm, 10mm, 12mm, 20mm Swagelok		-50°F	6000	4280
Carbon Steel ASTM A350 LF2					6170	5280
S31803 ASTM A479 and F51 ASTM A182					6250	5120
S32760 ASTM A479 and F55 ASTM A182					6250	5120
N04400 ASTM B164 and ASTM B564					5000	3940
N06625 ASTM B446 and ASTM B564					6250	5820
N08825 ASTM B425 and ASTM B564					6250	5820

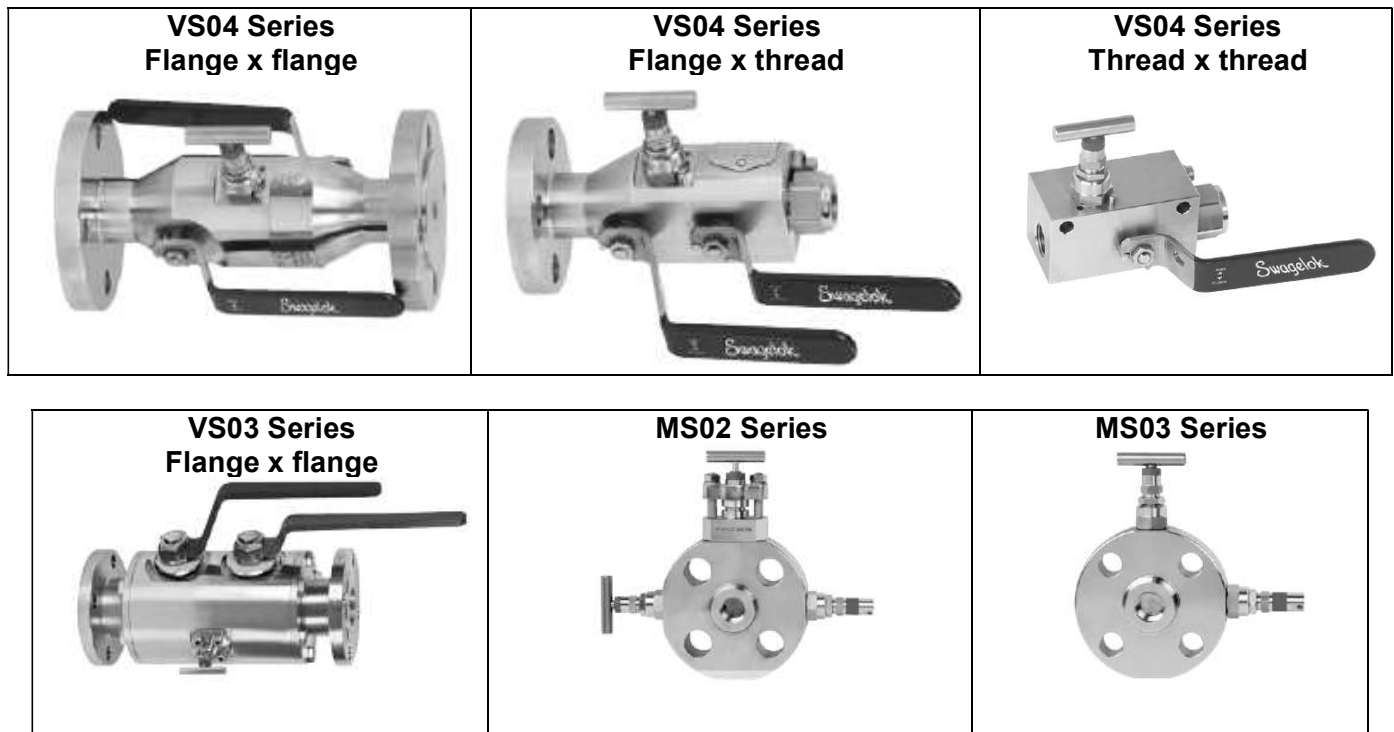
- 1) All seat and seal combinations
- 2) All flange types: RF smooth, RF serrated, RTJ, FF serrated, and FF smooth
- 3) Bleed connection: 1/2 in. female NPT



Table 4: MS02 and MS03 Scope							
Body Material/ Specification	Configuration	ASME Flange Class	Process Connection Size	Outlet Connection	Minimum Temperature	Maximum Allowable Working Pressure (psig)	
						At 100°F	At 1000°F
S31600/S31603 ASTM A479	OS&Y Bolted Bonnet Integral Screwed Bonnet Block, Block and Bleed, Double Block and Bleed, Block and Bleed, dual outlet	150 300/600 900/1500 2500	1/2 in. (DN 15) 3/4 in. (DN 20) 1 in. (DN 25) 1-1/2 in. (DN 40) 2 in. (DN 50)	Monoflange wafer (thru holes) 1/4 in. female NPT 1/2 in. female NPT	-65°F	6000	4280
Carbon Steel ASTM A350 LF2						6170	5280
S31803 ASTM A479						6250	5120
S32760 ASTM A479						5000	3940
N04400 ASTM B164						6250	5820
N06625 ASTM B446							
N08825 ASTM B425							

- 1) All seal combinations
- 2) All flange types: RF smooth, RF serrated, RTJ, FF serrated, and FF smooth
- 3) Bleed connection: 1/4 in. female NPT, 1/2 in. female NPT, none

Product Illustrations



Typical Product Characteristics:

The list below are examples of product options which do not affect the pressure-temperature ratings shown in the Summary Table. All of the following options are within the scope of this registration:

- Lockable lever handles (for block valves)
- Non-lockable lever handles (for block valves)
- Antitamper bleed valve
- Bar handle (for bleed valve)
- Injection and sampling probes
- Silconert coating

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.

- Swagelok Process Interface Valves Catalog MS-02-340 Rev Q