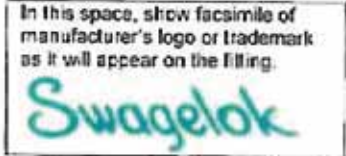


STATUTORY DECLARATION Registration of Fittings

I, David H. Peace, Vice President of Engineering of Swagelok Company



located at 29500 Solon Road, Solon, Ohio 44139 USA (see Attachment A)

do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (check one)

[X] comply with the requirements of ASME B31.3 which specifies the dimensions, (title of recognized North American Standard)

materials of construction, pressure/temperature ratings and identification marking of the fittings, or are not covered by the provisions of a recognized North American standard and are therefore manufactured

to comply with (title of code of construction or other applicable document) as supported by the attached

data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, BSI as being suitable for the manufacture of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are

Category C Type Fittings (brief description of fittings)

In support of this application, the following information, calculations and/or test data are attached

ISO 9001:2015 Certificate, Attachment A, Attachment B, Catalog Information, submitted support documents

DECLARED before me at Solon in the State of Ohio

this 07th day of May, 2018

(print) Jamie L Ristau, Resident Portage County, Rotary Public, State of Ohio, My Commission Expires: 03/06/2019

(sign) Jamie L Ristau (signature of applicant)

For ABSA Office Use Only:

NOTES:

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Clause 4.2, and is accepted for registration in Category "C"

Registration Number: 0C18486.24 (Signature of the Administrator/SCO)

Date Registered: 2018/08/24 Expiry Date: April 11/2028



## Attachment B. Scope of Registration for Swagelok MN Series Process Monoflanges (Category C)

### Product Scope

This document represents the scope of Swagelok MN Series Process Monoflanges covered by this submission for CRN approval. These products were designed and evaluated in accordance with ~~ASME B31.1~~ and ASME B31.3 as unlisted components.

### Summary Table

*code of construction is B31.3 only UR*

The below table holds true for:

- MN02 Outside Screw & Yoke Series
- MN03 Integral Screwed-Bonnet Needle Valve Series, and
- MN04 Bolted-Bonnet Needle Valve (Primary Bloc) Series

Body Material/ Specification	Configuration	ASME Class	Flange Size	Minimum Temperature	Maximum Working Pressure (psig) <sup>1</sup>	
					At 70°F	At 300°F
F316/F316L ASTM A182	Block Valve	150	1/2 in. (DN 15)	-58°F	6000	4660
	Block and Bleed Valve	300/600	3/4 in. (DN 20)			
		900/1500	1 in. (DN 25)			
	Double Block and Bleed	2500	1 1/2 in. (DN 40)			
			2 in. (DN 50)			

- 1) Maximum temperature: PTFE Packing 400°F, Graphite Packing 850°F,
- 2) All seat and seal combinations
- 3) All flange types: RF smooth, RF serrated, and RTJ
- 4) Outlet connection: 1/2 in. female NPT, Monoflange wafer (thru holes)
- 5) Bleed connection: 1/4 in. female NPT, 1/2 in. female NPT, or none

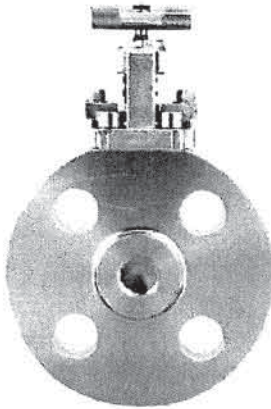
<b>ABSA</b>	
SAFETY CODES ACT - PROVINCE OF ALBERTA	
REGISTRATION OF FITTINGS	
REGISTRATION NO.	<u>OC18486.2</u>
DWG. NO. or CAT. NO.	<u>Attachment B</u>
TYPE OF FITTINGS	<u>Valve Assemblies</u>
<b>APR 11 2018</b>	INITIALS <u>Keith Rudolf</u>
Date	KEITH RUDOLF, P.Eng. DESIGN SURVEY ENGINEER

*As Noted*

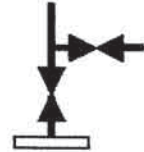
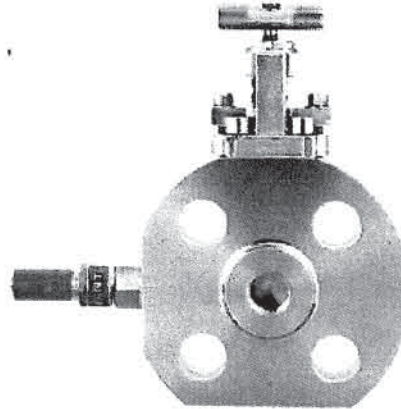
**"See Acceptance Letter for the comments  
and/or conditions of registration"**

## Product Drawings/Configurations

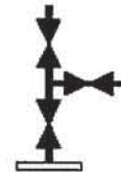
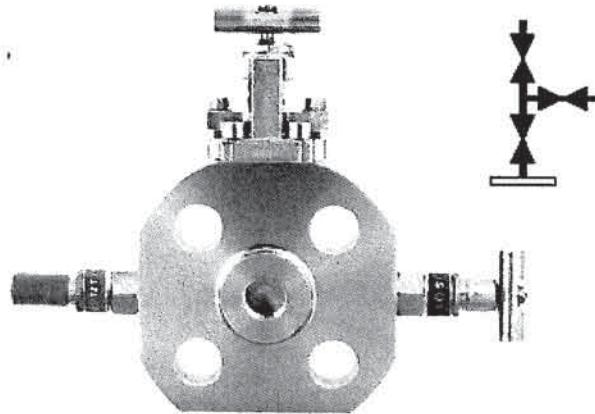
**Block Valve**



**Block and Bleed Valve**



**Double Block and Bleed Valve**



0018486.2

APR 11 2018

### Typical Product Characteristics:

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

- Bar Handles (available for block valves and bleed valves)
- Handwheel Handles (for block valves)
- Antitamper bleed valve
- Sour gas service

### Quality System

The Swagelok Company quality system complies with the requirements of BS EN ISO 9001:2008. The Swagelok Company maintains British Standards Institution Certificate of Registration Number FM 01729, which applies to all locations listed on the Certificate.

### Special Ordering Instructions

None

### 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 MS-02-340, R10

## 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 Company A.G. (European Technology Center) St. GallerstraBe 84 Lachen, Switzerland 8853 Switzerland
Swagelok Limited Tromode IM4 4RA Isle of Man	