



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, David H. Peace, 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 where applicable, and ASME B31.3 for unlisted components where applicable
(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, product catalog and other support documents
(drawings, calculations, test reports, etc.)

Declared before me at Solon in the State of Ohio
 the 13th day of November AD 2017.

Commissioner for Oaths:

Jamie L Ristau
(Printed name)
Jamie L Ristau
(Signature)

Jamie L. Ristau
 Resident Portage County
 Notary Public, State of Ohio
 My Commission Expires: 03/06/2019

[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: 0C/BA86.25
 Registered by: Mark Vallec, P.ENG
 Dated: May 30, 2018

NOTE: This registration expires on: APRIL 11, 2028

Technical Standards and Safety Authority Boilers and Pressure Vessels Safety Program

REGISTERED

C.R.N.: 0C/BA86.25

Signed: [Signature]

Date: May 30, 2018

PV 0053-06/14
 NOTE: MNO2 MONOFLANGE VALVE SERIES. SEE THE ATTACHMENT FOR THE SCOPE OF REGISTRATION AND ADDITIONAL PLANTS. THE CODE OF CONSTRUCTION IS ASME B31.3 ONLY. lwa, May 30/18

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

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) ¹	
					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)			

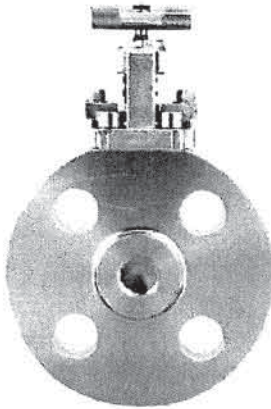
- 1) Maximum temperature: PTFE Packing 400°F, Graphite Packing 850°F,
- 2) All seat and seal combinations
- 3) All flange types: RF smooth, RF serrated, and RTJ
- 4) Outlet connection: 1/2 in. female NPT, Monoflange wafer (thru holes)
- 5) Bleed connection: 1/4 in. female NPT, 1/2 in. female NPT, or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



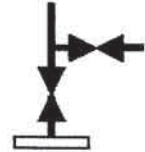
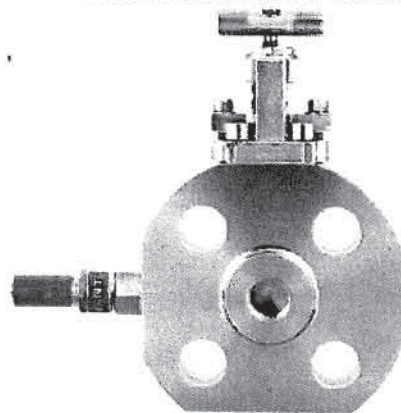
NOTE: CODE OF CONSTRUCTION
IS ASME B31.3 ONLY
/ MAY 30/18

Product Drawings/Configurations

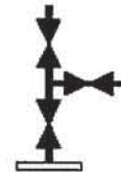
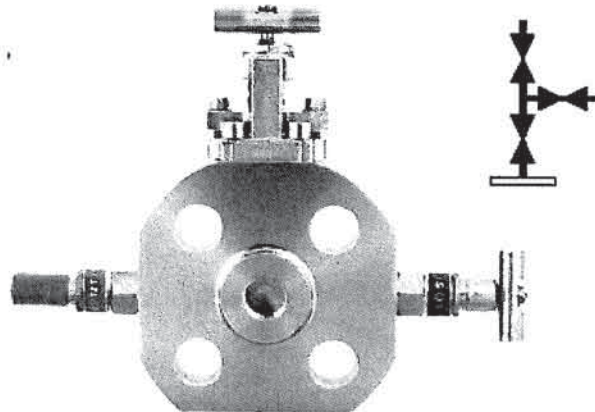
Block Valve



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	