

REGISTERED



CRN: CSA-OC20864-56



Technical Safety Authority of Saskatchewan
Process administered by CSA B51

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Regina, SK S4R 1K3
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Email: boilerpermits@tsask.ca
Website: www.tsask.ca

Statutory Declaration (Registration of Fittings)

TSK-1008

I. Declaration Information

I, Joel Feldman
Vice President, Engineering
(company title, e.g. vice president, plant manager, chief engineer)
(must be in a position of authority in the manufacturing plant where the fitting is produced)
of: Swagelok Company
(name of manufacturer)

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.



located at: Headquarters: 29500 Solon Road Solon, Ohio 44139 USA
(Plant Address - Apt/Street) (City, Prov) (Postal Code)

do solemnly declare that the fittings listed hereinunder, which are subject to the *Saskatchewan Boiler and Pressure Vessel Safety Act* (check one)

- Comply with the requirements of ASME B31.1 and 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 _____ 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 manufacturer of these fittings is controlled by a quality control program which has been verified by the following authority, BSI as being suitable for the manufacturer of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are Category C. Valves

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 and other Support Documents

II. Declaration

DECLARED before me at Solon In the State of Ohio
this 09th day of August Jamie L. Ristau 2018
Resident Portage County
Jamie L. Ristau Notary Public, State of Ohio
(print name) My Commission Expires: 03/06/2019 (Signature)
Jamie L. Ristau
(Signature of Commissioner of Oaths)

III. Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the *Boiler and Pressure Vessel Safety Act* and CSA B51, Clause 4.2, and is accepted for registration in Category C

CSA-OC20864-56 Feb. 26. 2019 Nov. 18. 2028
(Registration Number) (Date Registered - MM DD YYYY) (Expiry Date - MM DD YYYY)
R.W. Barnes
(For the Administrator / Chief Inspector)



TSK-1008
Rev. 10/2012
Page 1 of 1

*Note: See the attachment for the scope of the registration.


Attachment B. Scope for Swagelok V Series Manifold Valves (Category C)

Product Scope

This document represents the scope of Swagelok® V Series Manifold Valves covered by this submission for CRN approval. These products were designed and evaluated in accordance with ASME B31.1 for unlisted components and ASME B31.3 for unlisted components.

Summary Table

Product Series	Main Pressure Bearing Component	Main Pressure Bearing Material (Standard)	Port Connections and Sizes	Maximum Rated Pressure (psig)		Design Code of Construction
				@ 100 °F	@ Max Temp	
V2	Standard Body	316SS (ASTM A479)	Swagelok Tube Fitting 1/2", 12MM Female NPT 1/4", 1/2"	6000	1715 @ 1200°F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
			Flange (MSS)	6000	3030 @ 1000°F	
V2	Compact Body	316SS (ASTM A479)	Male NPT 1/2", 3/4" Female NPT 1/2", 3/4" Female NPT 1/4" (vent)	6000	1715 @ 1200 °F	
V3	Standard Body	316SS (ASTM A479)	Swagelok Tube Fitting 1/2", 12MM Female NPT 1/2"	6000	1715 @ 1200 °F	
			Flange (MSS)	6000	3030 @ 1000°F	
V3	Compact Body	316SS (ASTM A479)	Male NPT 1/2", 3/4" Female NPT 1/2", 3/4" Female NPT 1/4" (vent)	6000	1715 @ 1200 °F	
V5	Standard Body	316SS (ASTM A479)	Swagelok Tube Fitting 1/2", 12MM Female NPT 1/8", 1/4", 1/2"	6000	1715 @ 1200 °F	
			Flange (MSS)	6000	3030 @ 1000°F	


1 OF 4

ATTACHMENT TO
 C.R.N. CSA-0020864.56
 Signed: [Signature]
 178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

THIS IS PART OF
CRN 0020864.5
 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program

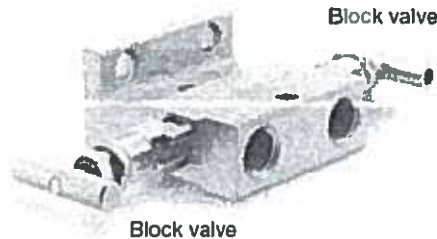
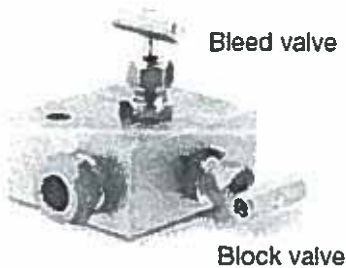
Product Illustration

V2 Series Manifold Valves

Standard Body

Flange Body

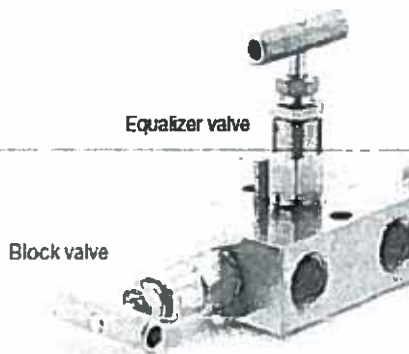
Compact Body



V3 Series Manifold Valves

Standard Body

Compact Body



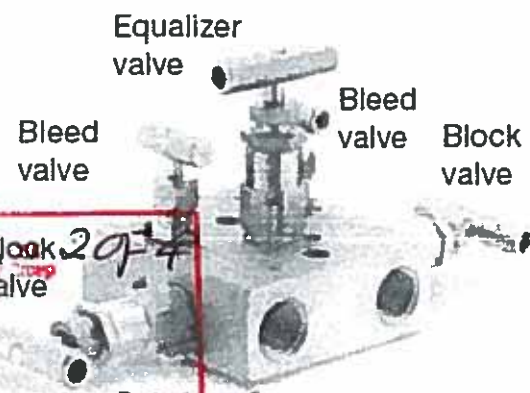
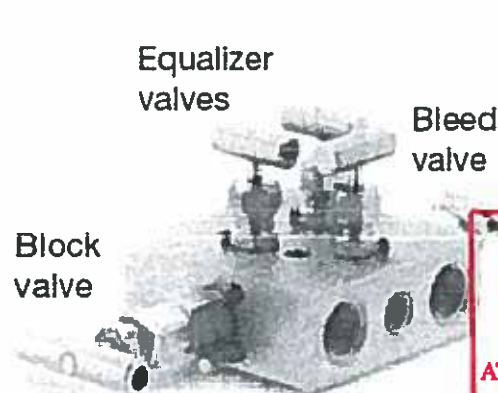
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V5 Series Manifold Valves

Standard Body – One Bleed Valve

Standard Body – Two Bleed Valves



Block valve
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Product Options:

Some of the product options listed below affect the pressure-temperature ratings shown in the Summary Table, but in all cases the ratings are less than those shown in the Summary Table. All of the following options are within the scope of this registration:

Valve Design

Small Bonnet Valve – actuator threads are wetted
Large Bonnet Valve – actuator threads are non-wetted

Valve Packing Material

Virgin Polytetrafluoroethene (PTFE) – standard
Grafoil – high temperature option

Flange Seal Materials

Fluorocarbon FKM
Virgin Polytetrafluoroethene (PTFE)
Reinforced Polytetrafluoroethene (PTFE)
Grafoil

MSS Flange Fasteners

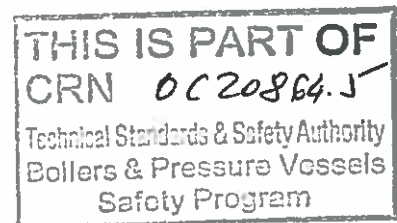
Standard Hex Head Bolt
Long Stud with Hex Nut
Short Hex head Bolt

Eccentric Flanges

Swagelok Tube Fitting
Female NPT
Pipe Butt Weld

Concentric and Eccentric Pipe Nipples

Stainless Steel
Carbon Steel

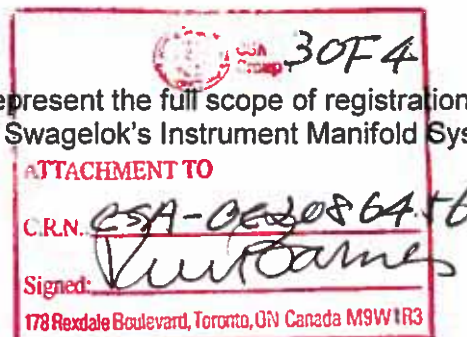


Quality System

Swagelok Company's quality system complies with the requirements of BS EN ISO 9001:2015. Swagelok Company maintains British Standards Institution Certificate of Registration Number FM 01729, which applies to all locations listed on the Certificate. The V Series Manifold Valves are manufactured at a Swagelok Company location in Solon, Ohio.

References


The product catalog does not represent the full scope of registration, but rather details some of the most common options. See Swagelok's Instrument Manifold Systems Catalog MS-02-445, R2



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 Ballafletcher Road Tromode IM4 4RA Isle of Man	

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