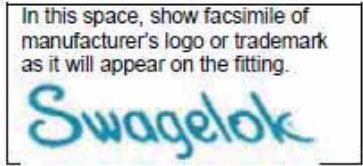


STATUTORY DECLARATION Registration of Fittings

I, Joel Feldman, Vice President, Engineering of Swagelok Company located at 29500 Solon Road, Solon, Ohio 44139 USA



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

- comply with the requirements of ASME B31.1 and ASME B31.3 which specifies the dimensions, 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...

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 H Type 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 and other Support Documents

DECLARED before me at in the of this day of

(print) (a Commissioner of Oaths or Notary Public) (sign) situation - August 27, 2020 (a Commissioner of Oaths or Notary Public)

(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 Registration Number: Date Registered: Expiry Date:

2020-04881 ABSA SAFETY CODES ACT - PROVINCE OF ALBERTA ACCEPTED: 0H22699.52 See acceptance letter for conditions of registration. Date: 2020-10-24 By: XING LIU, P. Eng.

Attachment B. Scope for Swagelok MPC Modular Platform Components (Category H)

This document represents the scope of registration for Swagelok’s MPC Modular Platform Components covered by this submission for CRN approval. The MPC Modular Platform Components 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 Component	Main Pressure Bearing Material (Standard)	Port Connections, Sizes	Maximum Rated Pressure (psig)		Design Code of Construction
				At 20 to 100°F	At max temperature	
MPC-42T (ball valve)	Body	316 SS (ASTM A351)	ANSI / ISA 76.00.02 compliant interface	1000	1000 @ 150°F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
MPC-CH (check valve)	Body	316 SS (ASTM A351)	ANSI/ISA 76.00.02 compliant interface	1000	1000 @ 300°F	
MPC-M (metering valve)	Body	316 SS (ASTM A351)	ANSI/ISA 76.00.02 compliant interface	1000	1000 @ 300°F	
MPC-D (needle valve)	Body	316 SS (ASTM A351)	ANSI/ISA 76.00.02 compliant interface	1000	1000 @ 300°F	
MPC-OG (toggle valve)	Body	316 SS (ASTM A351)	ANSI/ISA 76.00.02 compliant interface	300	300 @ 200°F	
MPC-T2A (pneumatic shutoff valve)	Body	316 SS (ASTM A351)	ANSI/ISA 76.00.02 compliant interface	300	300 @ 300°F	
MPC-PSV (pneumatic switching valve)	Body	316 SS (ASTM A351)	ANSI/ISA 76.00.02 compliant interface	300	300 @ 300°F	
RL3 (relief valve)	Body	316 SS (ASTM A182)	Swagelok Tube Fitting 1/4", 6MM Male NPT 1/4"	300	300 @ 275°F	
R3A (relief valve)	Body	316 SS (ASTM A182)	Swagelok Tube Fitting 1/4", 6MM Male NPT 1/4"	1000	1000 @ 300°F	

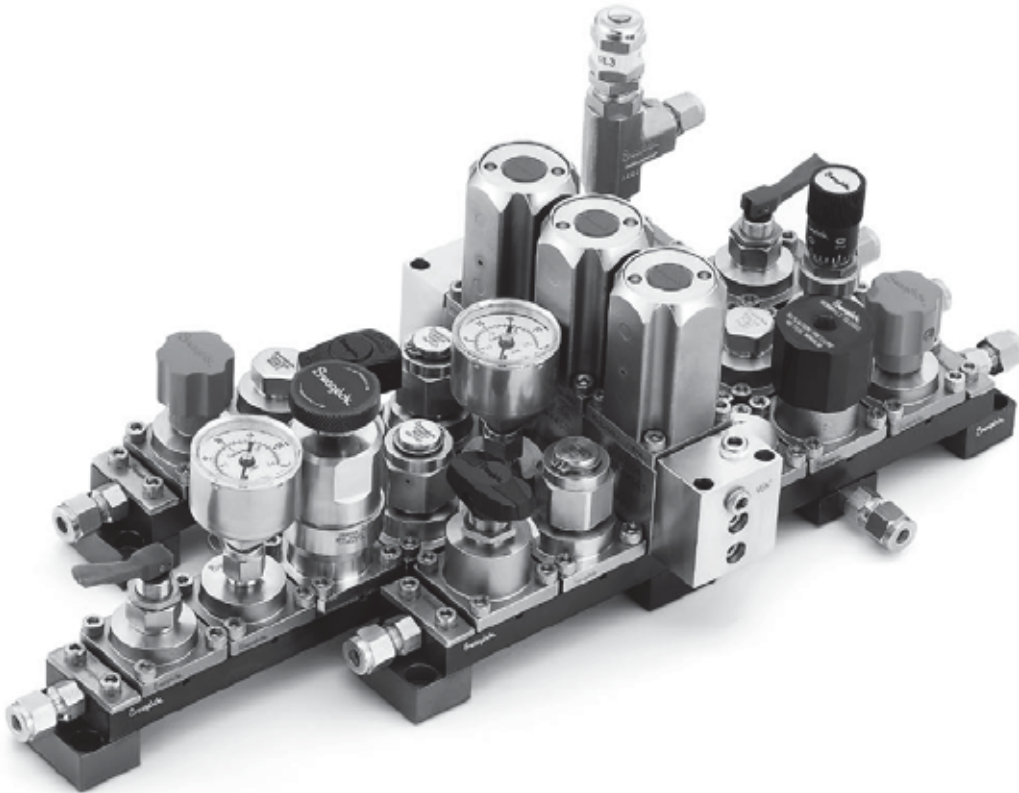


This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.



Product Series	Main Pressure Bearing Component	Main Pressure Bearing Material (Standard)	Port Connections, Sizes	Maximum Rated Pressure (psig)		Design Code of Construction
				At 20 to 100°F	At max temperature	
MPC-DP (diaphragm valve)	Body	316 SS (ASTM A479)	ANSI/ISA 76.00.02 compliant interface	250	250 @ 150°F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
MPC-DPH (manual high-pressure diaphragm valve)	Body	316 SS (ASTM A479)	ANSI/ISA 76.00.02 compliant interface	1000	1000 @ 150°F	
SSV (stream selector valve)	Body	316 SS (ASTM A479)	ANSI/ISA 76.00.02 compliant interface	250	250 @ 300°F	
MPC-KCP (pressure-reducing regulator)	Body	316 SS (ASTM A479)	ANSI/ISA 76.00.02 compliant interface	1000	1000 @ 176°F	
MPC-KCB (back pressure regulator)	Body	316 SS (ASTM A479)	ANSI/ISA 76.00.02 compliant interface	250	250 @ 176°F	
MPC-TF (filter)	Body	316 SS (ASTM A479)	ANSI/ISA 76.00.02 compliant interface	1000	1000 @ 300°F	
MPC-DM (surface mount adapter, substrate cap)	Body	316 SS (ASTM A351)	ANSI/ISA 76.00.02 compliant interface Tube Fitting 1/8", 1/4", 3MM, 6MM Female NPT 1/8", 1/4"	1000	1000 @ 300°F	
MPC-WS (surface mount connector, substrate connector, manifold connector)	Connector	316L SS (ASTM A479)	ANSI/ISA 76.00.02 compliant interface Tube Fitting 1/8", 1/4", 3MM, 6MM	1000	1000 @ 300°F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
MPC-MH (mounting screw)	Cap Screw	316 SS (ASTM F837)	N/A	1000	1000 @ 300°F	

Product Illustration



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:

- Actuator Mode Options
- Valve Seat Material
- Stem Seal Material

Additional options and non-pressure boundary alterations that do not affect pressure-temperature ratings may be made available within the scope of this registration. Examples of these would include handle options, handle color, etc.

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:

- MPC Manifold Catalog MS-02-185, Rev N

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

October 24, 2020

Attention: Tanya Francis
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO, ON M9W 6N9

The design submission, tracking number 2020-04881, originally received on October 07, 2020 was surveyed and accepted for registration as follows:

CRN : 0H22699.52 **Accepted on:** October 24, 2020
Reg Type: NEW DESIGN **Expiry Date:** September 23, 2030
Drawing No. : SCOPE OF REGISTRATION MPC SERIES Rev AUG242020
Fitting type: ASSEMBLY
Design registered in the name of : SWAGELOK COMPANY

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 3388 or fax (780) 437-7787 or e-mail Liu@absa.ca.

Sincerely,



LIU, XING, P. Eng.
DOP Cert. No. D00008861