



12/18/2020

TSSA
345 Carlingview Drive
TORONTO, ON M9W 6N9
CA

Dear Cecylia Garbacz

Re: Reciprocal CRN Registration in Manitoba

Your application indicates that a CRN has been received in another Canadian Jurisdiction, and therefore your CRN has been registered in Manitoba as follows:

File Number: 74-R1170
CRN: 0H22699.54
Scope: Scope of registration: attachment A and B
Manufacturer: SWAGELOK
Expiry Date: 23/Sep/30

Please find attached invoice for registration.

As indicated by the Regulatory Reconciliation and Cooperation Table and the Reconciliation Agreement for the Canadian Registration Number (CRN) for Pressure Equipment, a CRN issued in any Canadian Jurisdiction will be accepted for use in Manitoba.

In accordance with Steam and Pressure Plants Regulation and CSA B51, it is the manufacturer's responsibility to file a Manufacturers Data Report, including partial data reports, with our office, prior to shipping pressure equipment to Manitoba.

Please contact me directly via email at Cheryl.Lashek@gov.mb.ca for any questions or concerns.

Cheryl Lashek, P.Eng
Director, ITSM
Inspection and Technical Services
Office of the Fire Commissioner
508 - 401 York Avenue, Winnipeg Manitoba R3C 0P8
T (204) 945-3507 | F (204) 948-2309



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, Joel Feldman, 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

(Plant Address)

(440) 248-4600

(Telephone No.)

(440) 349-5970

(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, and ASME B31.3 for unlisted components

(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 H. Other 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, Catalog Information and other Support Documents

(drawings, calculations, test reports, etc.)

Declared before me at _____ in the _____ of _____

the _____ day of _____ AD 20_____.

Commissioner for Oaths:

Unable to get a notary signature or seal due to COVID-19 situation

(Printed name)

August 27, 2020

(Signature)

Joel C. Feldman

(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 H

CRN:

0H22699.5

Registered by:

[Signature]

Dated:

SEPT. 23, 2020



This Document has been digitally signed. The stamp size has been optimized for 11 x 17 documents

Technical Standards and Safety Authority
 Boilers and Pressure Vessels Safety Program

REGISTERED

C.R.N.: 0H22699.5

Signed: *[Signature]*

Date: September 23, 2020.

NOTE: This registration expires on:

SEPT. 23, 2030

The scope of registration is the attached stamped attachment A and B

*Information provided in this application is releasable under the Freedom of Information and Privacy Protection Act and may be disclosed upon request.

RL3 and R3A are not part of this registration



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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	



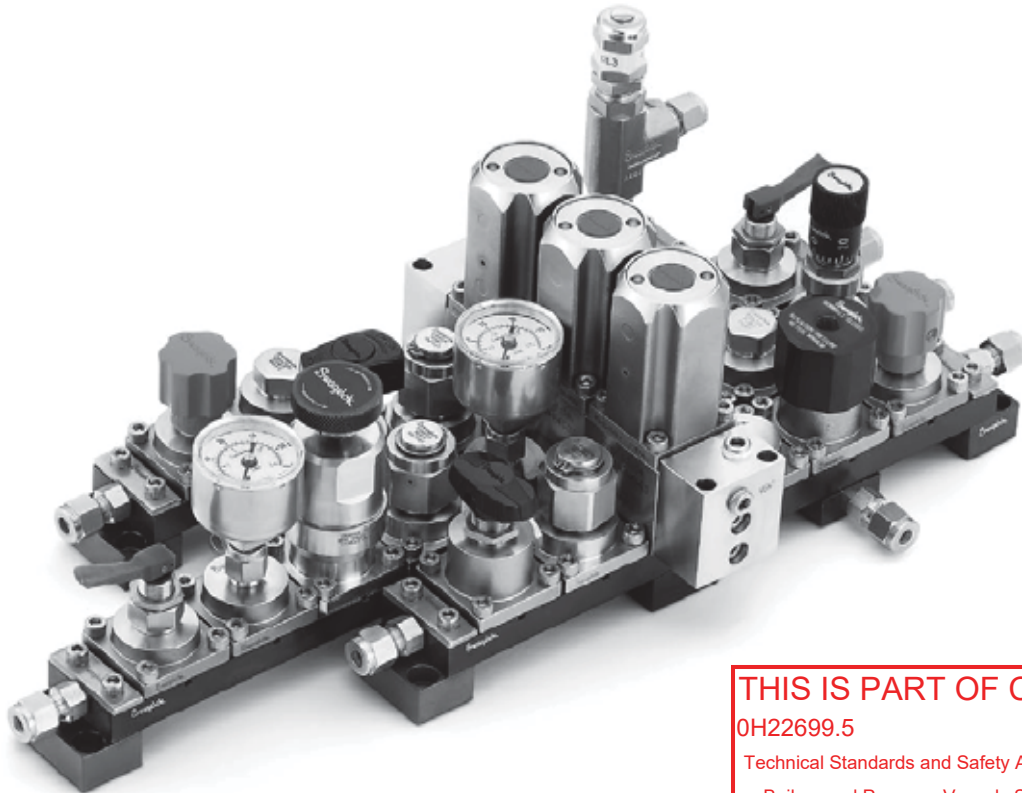
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Canadian Registration Number Submittal
Category H: Swagelok Modular Platform Components

Date: August 24, 2020
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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



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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:

- 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