



To:	TSSA	From:	Janet Townsend
Company:	Swagelok Company	Phone:	416-747-4291
Pages:	12	Location:	Toronto
Our File:	ANR-4286	Date:	February 8, 2017

Your File: 1959822

**Subject: Request for Design Registration**

Dear Ms. Francis,

CSA has reviewed the documentation submitted by TSSA on behalf of Swagelok Company. These fittings have been registered by CSA for the Province of Québec. In accordance with an agreement between CSA, the Provinces of Québec and Saskatchewan; this registration is recognized by Quebec and Saskatchewan. These fittings are acceptable for use in these Provinces. The letters CSA will be applied as a prefix to the CRN indicate which fittings have been registered in this manner. A copy of the stamped Statutory Declaration is attached.

The CRN is CSA-0C6054.56ADD13.

A copy of the Statutory Declaration with an original stamp affixed will be forwarded to you along with our invoice by regular mail.

Yours truly

A handwritten signature in blue ink that reads 'Janet Townsend'.

**Janet Townsend**  
Account Manager  
CSA Group  
[janet.townsend@csagroup.org](mailto:janet.townsend@csagroup.org)  
[www.csagroup.org](http://www.csagroup.org)



TECHNICAL STANDARDS &  
SAFETY AUTHORITY  
14th Floor, Centre Tower  
3300 Bloor Street West  
Toronto, Ontario  
Canada M8X 2X4

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 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 9001:2008 which has been verified by the following authority, The British Standards Institution

The items covered by this declaration, for which I seek registration, are category C type fittings. In support of this application, the following information and/or test data are attached as follows:

ISO 9001:2008 Certificate, Catalog Information, Support Documents, Attachment B, Attachment A

(drawings, calculations, test reports, etc.)

Declared before me at Solon in the State of Ohio  
the 07th day of June AD 2016.

Commissioner for Oaths:

Jamie L Ristau  
(Printed name)

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

Jamie L Ristau  
(Signature)

[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: CSA-OC6054.56 Add 13

Registered by: A. BANWATT

Dated: JAN 17 2017

NOTE: This registration expires on: JAN 22 2025

**REGISTERED**

CRN: CSA-OC6054.56 Add 13


Registration Process administered by  
CSA Group per CSA B51




## 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	


10F3  
  

**ATTACHMENT TO**  
**C.R.N. CSA-066054-5 ADD13**

Signed: 

178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

**THIS IS PART OF**  
**C.R.N. 066054-5 ADD13**


## Attachment B. Scope of Registration for Swagelok 40G Series Ball Valves (Category C)

### Product Scope

This document represents the scope of Swagelok 40G Series (41G/42G and 43G) Ball Valves covered by this submission for CRN approval. The Swagelok 40G Series (41G/42G and 43G) Ball Valves were designed and evaluated in accordance with ASME B31.1 for unlisted components and ASME B31.3 for unlisted components.

### Summary Table

Product Description or Series	Main Pressure Bearing Component	Material	Port Connections and Sizes	Maximum Allowable Working Pressure (psig)		Design Code of Construction
				At 70°F	At 380°F	
41G	Body	316 SS/A276 and A479	Swagelok Tube Fitting 1/16", 1/8", 3MM	2500	2500	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
42G	Body	316 SS/A276 and A479	Swagelok Tube Fitting 1/4", 6MM Female NPT 1/8" VCO Fitting 1/4" Male VCR Fitting 1/4"	2500	2500	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
43G	Body	316 SS/A276 and A479	Swagelok Tube Fitting 1/4", 3/8", 1/2", 6MM, 8MM Female NPT 1/8", 1/4" Female ISO 1/4" Male NPT 1/4" Male NPT/Swagelok Tube Fitting 1/4" Male VCR Fitting 1/4"	3000	2500	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)


20F3  
  

**ATTACHMENT TO**  
**C.R.N. CSA-006054.5A0013**  
 Signed: [Signature]  
 178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

THIS IS PART OF  
 CRN 006054.5A0013  
 Technical Standards & Safety Authority  
 Boilers & Pressure Vessels  
 Safety Program

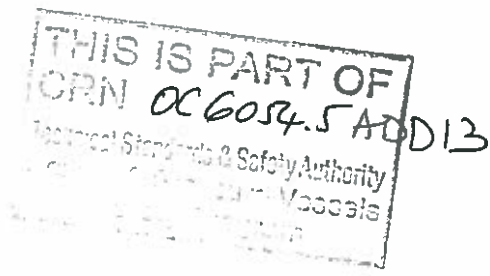
**Quality System**

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. The Swagelok 40G Series Ball Valves are manufactured at a Swagelok Company locations in Solon, Ohio.

**References**

The product catalog does not represent the full scope of registration, but rather details some of the most common options.

- Swagelok One-Piece Instrumentation Ball Valves MS-02-331, R9







# Certificate of Registration

QUALITY MANAGEMENT SYSTEM - ISO 9001:2008

This is to certify that:

Swagelok Company  
29500 Solon Road  
Solon  
Ohio  
44139  
USA

Holds Certificate No:

**FM 01729**

and operates a Quality Management System which complies with the requirements of ISO 9001:2008 for the following scope:

The design and manufacture of Swagelok fluid systems components and related products including Filters, Fittings, Hoses, Flexible Tubing, Leak Detectors, Lubricants, Sealants, Measurement Devices, Miniature Modular Systems, Pre Engineered Subsystems, Quick-Connects, Regulators, Sample Cylinders, Tubing, Tube Accessories, Valves and Welding Systems.

For and on behalf of BSI:

Reg Blake, VP Regulatory Affairs, BSI Group America Inc.

Original Registration Date: 03/01/1990

Latest Revision Date: 04/10/2015

Effective Date: 04/26/2015

Expiry Date: 04/25/2018

Page: 1 of 5



...making excellence a habit™

Certificate No: **FM 01729**

Location	Registered Activities
Swagelok Company 29500 Solon Road Solon Ohio 44139 USA	Corporate headquarters with management responsibility and authority for the Quality Management System, strategic planning, strategic sourcing, continual improvement, communication processes, resource allocation and training & development. The primary activities at this location include receiving, component manufacturing and assembling Swagelok products. Support activities at this location include quoting & ordering, customer & technical servicing, procuring, scheduling, designing and product support engineering.
Swagelok Company Order Fulfillment Center (OFC) 29495 F.A. Lennon Drive Solon Ohio 44139 USA	The primary activities at this location include receiving, assembling, testing, stocking and distributing Swagelok products. Support activities at this location include quoting, ordering, customer and technical servicing, scheduling, designing, procuring, managing suppliers and product support engineering. This location also performs servicing activities for Swagelok equipment and tools.
Swagelok Company (Highland) 318 Bishop Road Highland Heights Ohio 44143 USA	The primary activities at this location include new product development engineering and component manufacturing of Swagelok products.
Swagelok Company (Atlantic) 26651 Curtiss Wright Parkway Willoughby Hills Ohio 44092 USA	The primary activities at this location include component manufacturing of Swagelok products.
Swagelok Company (Micro) 26653 Curtiss Wright Parkway. Willoughby Hills Ohio 44092 USA	The primary activities at this location include component manufacturing of Swagelok products.
Swagelok Company(Raw Material Warehouse) 31400 Aurora Road Solon Ohio 44139 USA	The primary activities at this location include receiving, stocking, and distributing raw materials used in manufacturing Swagelok products.

Original Registration Date: 03/01/1990

Effective Date: 04/26/2015

Latest Revision Date: 04/10/2015

Expiry Date: 04/25/2018

Page: 2 of 5

This certificate remains the property of BSI and shall be returned immediately upon request.  
An electronic certificate can be authenticated [online](http://www.bsigroup.com/ClientDirectory). Printed copies can be validated at [www.bsigroup.com/ClientDirectory](http://www.bsigroup.com/ClientDirectory)  
To be read in conjunction with the scope above or the attached appendix.  
Information and Contact: BSI, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP. Tel: + 44 845 080 9000  
BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.  
A Member of the BSI Group of Companies.



Certificate No: **FM 01729**

Location	Registered Activities
Swagelok Company (Falon 1) 348 Bishop Road Highland Heights Ohio 44143 USA	The primary activities at this location include component manufacturing of Swagelok products.
Swagelok Company (Falon 2) 358 Bishop Road Highland Heights Ohio 44143 USA	The primary activities at this location include component manufacturing of Swagelok products.
Swagelok Company (HPF) 6050 Cochran Road Solon Ohio 44139 USA	The primary activities at this location include component manufacturing of Swagelok products.
Swagelok Company (Snow Metal) 6060 Cochran Road Solon Ohio 44139 USA	The primary activities at this location include receiving, assembling, testing, stocking and distributing Swagelok products. Support activities at this location include quoting, ordering, customer and technical servicing, scheduling, designing, procuring, managing suppliers and product support engineering. This location also performs servicing activities for Swagelok equipment and tools.
Swagelok Company (Impaction) 6100 Cochran Road Solon Ohio 44139 USA	The primary activities at this location include material manufacturing and processing of stainless steel, carbon steel and nickel alloy forgings.
Swagelok (China) Fluid Systems Technologies Ltd. Changshu Export Process Zone Changshu Economic Development Zone Changshu Jiangsu 215513 China	The manufacture of Swagelok fluid system components and related products.

Original Registration Date: 03/01/1990

Latest Revision Date: 04/10/2015

Effective Date: 04/26/2015

Expiry Date: 04/25/2018

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Certificate No: **FM 01729**

Location	Registered Activities
Swagelok Company (Strongsville) 15400 Foltz Parkway Strongsville Ohio 44119 USA	The primary activities at this location include component manufacturing of Swagelok products.
Swagelok Company (Alfred) 29500 Ambina Drive Solon Ohio 44139 USA	The primary activities at this location include component manufacturing and assembly of Swagelok products.
Swagelok Japan Technology Center 1-1-1 Naruohama Nishinomiya-shi Hyogo-ken 663-8142 Japan	The primary activities at this location include customer quoting, ordering, procuring, receiving, assembling and packaging of custom solution fabrications that include Swagelok products. Supporting activities include training, and customer & technical service activities. This location also performs servicing activities for Swagelok equipment and tools.
Swagelok (China) Fluid Systems Technologies Ltd Changshu Branch, Building 8# Haicheng Industry Park Changshu Economic and Technological Development Zone Jiangsu Jiangsu 215513 China	The primary activities at this location include customer quoting, ordering, procuring, receiving, assembling and packaging of custom solutions fabrications that include Swagelok products. This location also performs servicing activities for Swagelok equipment and tools.
Swagelok Hose Services Company (SHSC) 29900 Solon Industrial Parkway Solon Ohio 44139 USA	The primary activities at this location include receiving, component manufacturing, assembling and testing Swagelok products. Support activities at this location include quoting & ordering, customer & technical servicing, scheduling, and product support engineering.
Swagelok Company (OSM) 32550 Old South Miles Road Solon Ohio 44139 USA	The primary activities at this location include designing and manufacturing tooling used in Swagelok production processes. Support activities at this location include machining services and machine rebuilding.

Original Registration Date: 03/01/1990

Effective Date: 04/26/2015

Latest Revision Date: 04/10/2015

Expiry Date: 04/25/2018

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BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.  
A Member of the BSI Group of Companies.

Certificate No: **FM 01729**

Location	Registered Activities
Swagelok Company A.G. (European Technology Center) St. Gallerstraße 84 Lachen Switzerland 8853 Switzerland	The primary activities at this location include customer quoting, ordering, designing, procuring, receiving, manufacturing, assembling, stocking and distribution of Swagelok products. Supporting processes include training, and technical supporting activities. This location also performs servicing activities for Swagelok equipment and tools.
Swagelok Limited Ballafletcher Road Tromode IM4 4RA Isle of Man	The primary activities at this location include receiving, component manufacturing, assembling and testing Swagelok products. Support activities at this location include quoting, ordering, customer & technical servicing, scheduling, designing, and product support engineering.

Original Registration Date: 03/01/1990

Latest Revision Date: 04/10/2015

Effective Date: 04/26/2015

Expiry Date: 04/25/2018

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A Member of the BSI Group of Companies.



Saskatchewan  
Municipal  
Government

## Saskatchewan

Protection Services  
330 - 1851 Victoria Avenue  
Regina, Saskatchewan  
S4P 3V7

787-4509

April 23, 1998

### Re: Fittings Registration

The Province of Saskatchewan will be participating with Quebec, Manitoba and the Canadian Standards Association (CSA) in a pilot project for the registration of fittings. We will recognize registrations done by CSA and accept such fittings for use in Saskatchewan.

The letters CSA will be applied as a prefix to the CRN to indicate which fittings have been registered in this manner. I would appreciate if you could inform your clients of this additional marking requirement.

You may also inform your clients that fittings registered by CSA are accepted for use in Saskatchewan.

Yours truly,

N. Surtees, P. Eng.  
Executive Director