

Montréal, 14 janvier 2019.

MRS. TANYA FRANCIS
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO ONTARIO
CANADA M9W6N9

Manufacturer : SWAGELOK COMPANY
29500 SOLON ROAD
SOLON OHIO
U.S.A. 44139

OUR REFERENCE : 953089
Design number : ATTACHMENT B
SR# 2462928

Subject: Registration of designs - Confirmation of approval

Dear Madam,

The Régie du bâtiment du Québec (RBQ) informs you that your application for the registration of designs has been evaluated and that the design was registered the 14-01-2019 under the Canadian Registration Number (CRN\NEC) : **0C20984.56**.

We bring your attention to certain requirements of the regulation respecting pressure vessels, and the codes and standards adopted :

- The manufacturer must maintain a valid quality control program to produce according to the CRN.
- The manufacturer shall submit to the RBQ a copy of Manufacturer's Data Report for equipment manufactured according to this CRN within 30 days following the signing of this Declaration.
- The drawing number, including the revision number registered under this CRN, must be indicated on the Manufacturer's Data Report for equipment manufactured according to the CRN.

This notice of approval does not relieve the constructor of his responsibilities with respect to the design or construction of equipment manufactured according to this CRN.

Yours sincerely,

Bureau d'expertise et d'homologation en équipements sous pression

Montréal

545, boul. Crémazie Est, 7ième étage
Montréal (Québec) H2M 2V2
Téléphone : 514 873-6459
Sans frais : 1 866 262-2084
www.rbq.gouv.qc.ca

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U.S.A. 44139

Numéro de dossier : 953089

Numéro(s) de dessin(s) : ATTACHMENT B
SR# 2462928

Objet : Enregistrement des plans et devis – Confirmation de l'enregistrement

Madame,

La Régie du bâtiment du Québec (RBQ) vous informe que votre demande d'enregistrement de plans et devis a été traitée et que cette conception a été enregistrée le 14 janvier 2019 sous le numéro d'enregistrement canadien (NEC\CRN) : **0C20984.56**.

Nous portons à votre attention certaines exigences applicables à la réglementation sur les appareils sous pression et des codes et normes qui y sont associés :

- Le constructeur doit maintenir un système de contrôle de la qualité valide pour fabriquer selon ce NEC;
- Le constructeur doit soumettre à la RBQ une copie de la Déclaration de conformité du constructeur (Manufacturer's Data Report) pour les équipements fabriqués selon ce NEC dans les 30 jours suivants la signature de cette Déclaration;
- Le numéro de dessin, incluant le numéro de révision enregistré sous ce NEC, doit être indiqué sur la Déclaration de conformité du constructeur (Manufacturer's Data Report) pour les équipements fabriqués selon ce NEC.

Le présent avis d'approbation ne dégage pas le constructeur de ses responsabilités quant à la conception ou à la construction des équipements fabriqués selon ce NEC.

Salutations distinguées,

Bureau d'expertise et d'homologation en équipements sous pression

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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 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, Catalog Information and other Support Documents
(drawings, calculations, test reports, etc.)

Declared before me at Solon in the State of Ohio
 the 07th day of December AD 2018.

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.

Technical Standards and Safety Authority
 Boilers and Pressure Vessels Safety Program
REGISTERED
 C.R.N.: OC20984.5
 Signed: [Signature]
 Date: JAN 10, 2019

CRN: OC20984.5
 Registered by: [Signature]
 Dated: JAN 10, 2019

NOTE: This registration expires on: JAN 10, 2029

*Information provided in this application is releasable under the Freedom of Information and Privacy Protection Act and may be disclosed upon request. See attached stamped attachment A and B for scope of registration

Attachment B: Scope for Swagelok 4P, 5P Rising Plug Valves (Category C)

Product Scope

This document represents the scope of the 4P, 5P Rising Plug Valves covered by this submission for CRN approval. The Swagelok 4P, 5P Rising Plug Valves were designed and evaluated in accordance with ASME B31.1-2016 for unlisted components and ASME B31.3-2016 for unlisted components.

Summary Table

Product Description or Series	Main Pressure Bearing Component	Main Pressure Bearing Material	Port Connections and Sizes	Maximum Rated Pressure		Design Code of Construction
				@100°F	At Max. Temp.	
4P	Body	316 SS (ASTM A479)	Female NPT 1/4" Male NPT 1/4", 1/2"	6000 psig	1000 psig @ 400°F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
5P	Body	316 SS (ASTM A479)	Female NPT 1/2" Male NPT 1/2", 3/4"	6000 psig	1000 psig @ 400°F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)

Product Illustration



THIS IS PART OF
 CRN 0C20984.5
 Technical Standards & Safety Authority
 Entries & Pressure Vessels
 Safety Program

Typical Product Characteristics:

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 Seat Material

Acetal - standard
PFA
PEEK

Stem Seal Material

Fluoroelastomer (FKM) - standard
Buna C
Buna N
Ethylene propylene
Perfluoroelastomer (FFKM, also known under the trademarked name Kalrez®)
Silicone

Quality System

The Swagelok Company quality system complies with the requirements of BS EN ISO 9001:2000. The Swagelok Company maintains British Standards Institution Certificate of Registration Number FM 01729, which applies to all locations listed on the Certificate. The 4P, 5P Rising Plug 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.

- 4P, 5P Rising Plug Valve Catalog MS-01-49, R13



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

