



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 44139-3492 (Plant Address) (440) 248-4600 (Telephone No.) 440-519-7384 (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 A 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

(drawings, calculations, test reports, etc.)

Declared before me at Solon in the State of Ohio
 the 18 day of October AD 2013

Commissioner for Oaths:

LORI A. SARVER

(Printed name)

Lori A. Sarver
(Signature)

Lori A. Sarver, Notary Public
 State of Ohio, Summit County
 My Commission Expires April 13, 2015

[Signature]
(Signature of Declarer)

FOR OFFICE USE ONLY

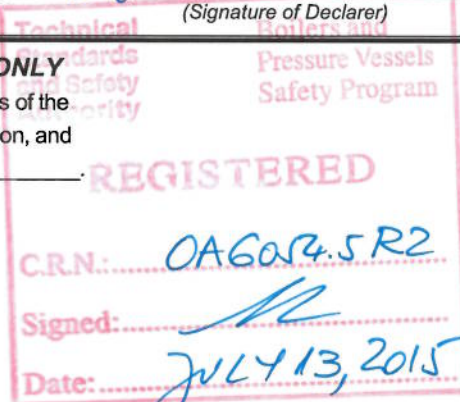
To the best of my knowledge and belief, the application meets the requirements of the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category A.

CRN: OAG054.5R2

Registered by: Kiliana Courtantinescu

Dated: JULY 13, 2015

NOTE: This registration expires on: JULY 13 2025



This is a CRN renewal. For scope of registration see attached stamped document (att # 21/11)

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 Company (Strongsville) 21693 Drake Road Strongsville, Ohio 44149	Swagelok Company A.G. (European Technology Center) St. GallerstraBe 84 Lachen, Switzerland 8853 Switzerland
Swagelok Limited Tromode IM4 4RA Isle of Man	Swagelok BV Markweg 21 2153 PG, Nieuw-Vennep Netherlands
Swagelok (China) Fluid System Technologies Ltd. Changshu Export Process Zone Changshu Economic Development Zone Changshu, Jiangshu 215513 China	



Attachment B. Scope for Swagelok PFA Tube Fittings (Category A)

Product Scope

This document represents the scope of the PFA Tube Fittings covered by this submission for CRN approval. The Swagelok PFA Tube Fittings were designed and evaluated in accordance with ASME B31.1 for unlisted components and ASME B31.3 for unlisted components.

Summary Table

The following table outlines key technical data for the products in scope of this application. Also included are standards for the materials of construction of the PFA Fittings.

Product Series	Main Pressure Bearing Component	Main Pressure Bearing Material	Port Connections and Sizes	Maximum Rated Pressure		Design Code of Construction
				Ambient Temperature (70°F)	Maximum Temperature (140°F)	
PFA-220	Body	PFA (ASTM D3307)	PFA Tube Fitting 1/8"	150 psi	150 psi	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
PFA-420	Body	PFA (ASTM D3307)	PFA Tube Fitting ¼"	150 psi	150 psi	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
PFA-620	Body	PFA (ASTM D3307)	PFA Tube Fitting 3/8"	125 psi	109 psi	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
PFA-820	Body	PFA (ASTM D3307)	PFA Tube Fitting ½"	80 psi	74 psi	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)

ASME B31.1 Section 105.3 limits the product ratings in non-metallic piping systems to a maximum pressure of 150 psi (10.3 bar) and a maximum temperature of 140 °F (60 °C).



Product Illustration



Typical Product Characteristics:

Some of the product options listed below do not affect the pressure-temperature ratings shown in the Summary Table. All of the following options are within the scope of this registration:

- Caps and Plugs

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 PFA Tube Fittings are manufactured at Swagelok Company locations in Solon, Ohio and Tromode, Isle of Man, British Isles.

References

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

- PFA Tube Fitting Catalog MS-01-05, R8

