



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 B31.3 Chapter IX, for unlisted components where applicable  
(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, BSI

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

ISO 9001:2008 Certificate, Sales Drawings and other 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 (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 A

CRN: CSA - 0A18 544.56  
Registered by: A. BANWATT  
Dated: OCTOBER. 05. 2016

**REGISTERED**

CR.N.: CSA-0A18544.56

Signed: [Signature]

Date: 05 OCT, 2016

178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

NOTE: This registration expires on: JUNE 22 2020



\*Note: See the attachment for the scope of the registration.

## Attachment B. Scope of Registration for Swagelok Tube Fittings to SAE MS Ends (Category A)

### Product Scope

This document represents the scope of Swagelok 1/2" and 3/4" Tube Fittings with 1/2" Medium Pressure SAE/MS ends, covered by this submission for CRN approval. The Medium Pressure Fittings have been evaluated in accordance with ASME B31.3 for unlisted components and ASME B31.1 for unlisted components.

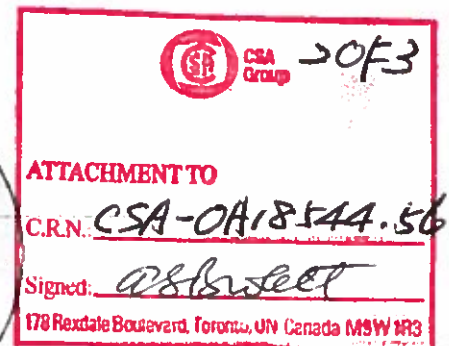
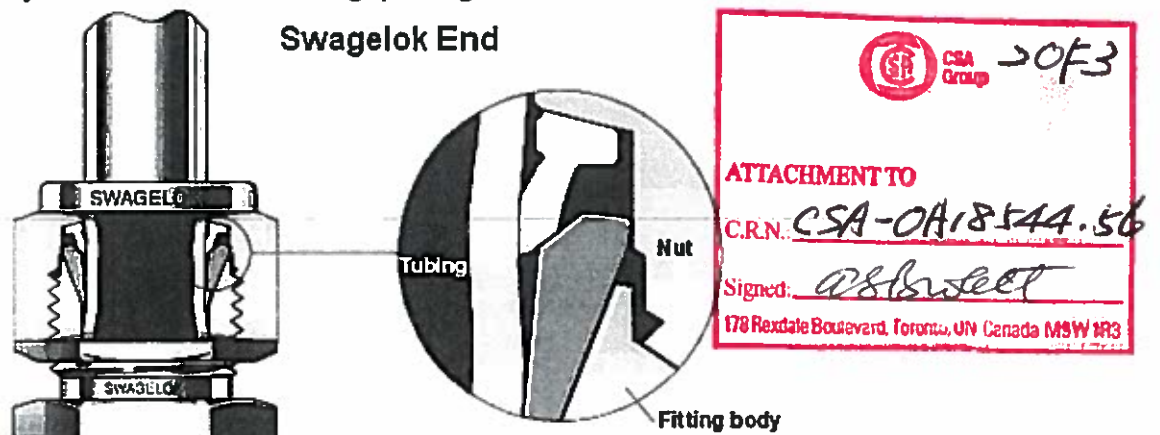
### Summary Tables

| Product Description or Series | Material                        | Port Connections and Sizes      | Maximum Allowable Working Pressure |                        | Design Code of Construction      |
|-------------------------------|---------------------------------|---------------------------------|------------------------------------|------------------------|----------------------------------|
|                               |                                 |                                 | Ambient temperature                | At maximum temperature |                                  |
| Tube fitting*                 | 316 Stainless Steel (ASTM A479) | Tube Fitting, Tube Adapter 1/2" | 6,700 PSI                          | 5,092 PSI @ 1000°F     | ASME B31.3 (Unlisted Components) |
|                               |                                 | Tube Fitting, Tube Adapter 3/4" | 5,800 PSI                          | 4,408 PSI @ 1000°F     | ASME B31.1 (Listed Components)   |

\* Note: 1/2" SAE MS port connection rated at 9,137 psi at ambient temperature according to SAE J1926-2, Rev. MAR2010. The tube fitting port connections are thus considered the limiting factor.

### Product Description

Swagelok SAE / MS Medium Pressure Fittings coupled with the tube fittings identified above are furnished as straight shaped fittings. Swagelok Tube Fittings consist of at least one Swagelok End – a proprietary two-ferrule mechanical-grip design.



THIS IS PART OF  
CRN 0A18544.5  
Technical Standards & Safety Authority  
Boilers & Pressure Vessels  
Safety Program

Z.G. 6/22/16

### Quality System

The Swagelok Company quality system complies with the requirements of BS EN ISO 9001:2008. Swagelok Company maintains BSI Certificate of Registration Number FM 01729, which applies to all locations listed on the Certificate.

### References

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

- Medium and High Pressure Valves, Fittings and Tubing Catalog MS-02-472
- Gaugeable Tube Fittings and Adapter Fittings MS-01-140
- Tubing Data Sheet MS-01-107

