

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>Swagelok Company</u>	
MANUFACTURERS ADDRESS: <u>29500 Solon Road, Solon, Ohio 44139 USA</u>	
PLANT LOCATIONS: <u>Headquarters: 29500 Solon Road, Solon, Ohio 44139 USA (See Attachment A)</u>	
<p align="center">CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</p> <p><input checked="" type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p><input type="radio"/> B Flanges: all flanges</p> <p><input type="radio"/> C Valves: all line valves</p> <p><input type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types</p> <p><input type="radio"/> E Strainers, filters, separators, and steam traps</p> <p><input type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p><input type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p><input type="radio"/> H Pressure retaining components that do not fall into one of the above categories</p> <p><input type="radio"/> N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/>. (Meeting AECS or ASME requirements)</p>	<p align="center">TITLE OF THE STANDARD OF CONSTRUCTION</p> <p align="center">ASME B31.3 Chapter IX, for unlisted components where applicable</p>
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT	
Swagelok	<p align="center">TYPE OF CONSTRUCTION</p> <p>FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input checked="" type="checkbox"/></p> <p>CAST <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>DESCRIBE OTHER:</p>
<p align="center">LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p> <p>ISO 9001:2008 Quality System Certificate, Sales Drawings and other Support Documents, Attachment B, Attachment A Items to be registered: 1/2 Inch SAE/MS to 1/2 inch and 3/4 inch tube adapter fittings, 1/2 inch SAE/MS to 1/2 inch and 3/4 inch tube fittings</p>	

DECLARATION:

I, David H. Peace (SEE NOTE 1) employed by Swagelok Company and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by BSI as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: [Signature]

Declared before me at Solon, Ohio

This 07th day of June AD 2016

Commissioner of Oaths
or Notary Public: (sign) [Signature]

USE THIS SPACE FOR
OFFICIAL SEAL

Jamie L. Nistau
Resident Portage County
Notary Public, State of Ohio
My Commission Expires: 03/06/2018



This space for Regulatory Authority use
This registration must be revalidated after ten (10) years from the date of acceptance.

CRN: 0A18544.5

FID#: 1214

Notes:
1. All fittings shall be registered in the name of the Manufacturer.
2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.
3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.
4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.

REGISTERED

**UNDER THE AUTHORITY OF
THE BOILER AND PRESSURE
VESSEL ACT.**

C.R.N. 0A18544.5

SIGNED [Signature]

DATE July 22, 2016

16300

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.

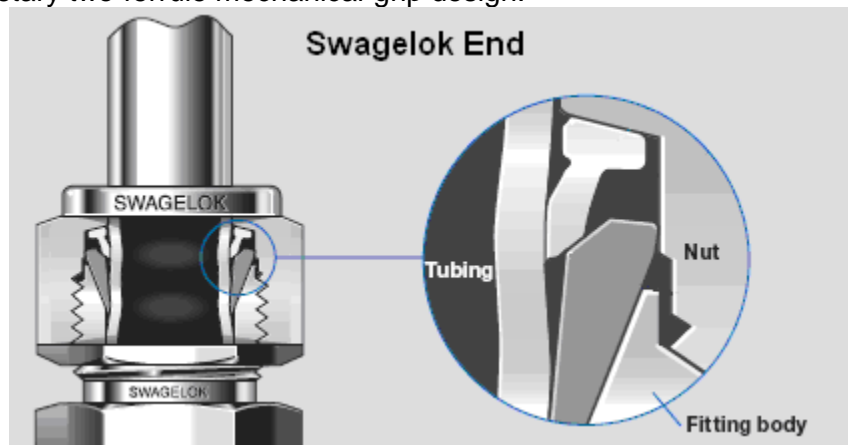
Summary Tables

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.



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