

Statutory Declaration Registration of Fittings

(a) Design Qualification

I Joel Feldman
Vice President, Engineering
(Position eg, president, plant manager, chief eng.)

Of Swagelok Company
(name of company)

Located at Headquarters: 29500 Solon Road, Solon, Ohio 44139 USA (See Attachment A)
(plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Boilers & Pressure Vessels Act:

- comply with all the requirements of the ANSI/ASME codes as to their dimensions, material, identification & service for which are required:
- Or
- are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with _____ code and standard, and are designed to the best current engineering practice, as shown by the supporting test data.

(b) Quality control of Manufacture

I further declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of ISO 9001:2015, and has been verified by the following authority or authorized agency BSI

The fittings² covered by this declaration, for which I seek registration, are Category A. Fitting

In support of the application, the following information, calculations and/or test data are attached:
ISO 9001:2015 Certificate, Attachment A, Attachment B, Catalog Information and other Support Documents

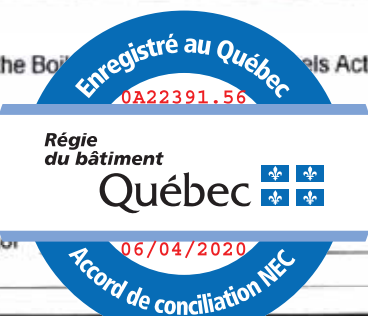
Declared before me at Solon

In the of state of Ohio

The 18th Day of march AD 2020

Brenda Kemmel
A (commissioner for oaths)

Joel Feldman
Signature of Declarer

For Official Use Only	
The application is accepted for registration in Category _____ in accordance with the Boilers & Pressure Vessels Act and CSA Standard B51.	
This registration must be revalidated after ten (10) years from the date of acceptance.	
Registered Number CRN _____	For the Chief Inspector _____ Date _____

- 1 Three completed copied of Statutory Declaration form together with three copies of Catalogs, drawings of Bulletins illustrating above fittings shall be submitted.
- 2 All fittings are required to be registered in the name of the Manufacturer.
- 3 This form shall be completed and signed by the president of highest official in the manufacturing plant where the fitting is produced.

Attachment B. Scope of Registration for Swagelok Stainless Steel Industrial Weld Fittings (Category A)

This document represents the scope of Swagelok Stainless Steel Weld Fittings covered by this submission for CRN approval. These Swagelok Weld Fittings have been evaluated in accordance with ASME B31.1-2018 for unlisted components and ASME B31.3-2018 for unlisted components.

Summary Table

Product Series / Description	Material (Standard)	Connections and Sizes (Inch)	Maximum Working Pressure (psig)		Design Code of Construction
			Up to 100°F	At maximum temperature 1000°F	
MPW (male pipe butt weld)	316 SS (ASTM A479) For straight fittings	MPW Adapter Ends and Connector Ends (1/4" - 1")	10 300 - 6000	5768 - 3360	ASME B31.1 (Unlisted Components)
PSW (pipe socket weld)		PSW Unions, Adapter Ends and Connector Ends (1/4" - 1")	8100 - 6100	4536 - 3416	
TSW (tube socket weld)	F316 SS (ASTM A182) For shaped fittings	TSW Unions, Adapter Ends and Connector Ends (1/8" - 1")	12 600 - 5600	7056 - 3136	ASME B31.3 (Unlisted Components)
MTW (male tube butt weld)		MTW Adapter Ends and Connector Ends (1/4" - 1")	11 200 - 5300	6272 - 2968	

Product Description

Swagelok Weld Fittings are furnished in a variety of configurations - Male Pipe Weld (MPW), Pipe Socket Weld (PSW), Tube Socket Weld (TSW) and Male Tube Weld (MTW) – straight fittings and shapes (elbows, tees or crosses). Swagelok Weld Fittings consist of at least one weld end and a variety of other end connections as noted in the Weld Fitting catalog. The table above, as well as the “Configurations” section below, cover a variety of combinations.

Configurations

1. Unions.



Male pipe weld to Tube socket weld or Male tube weld to Tube socket weld



Tube socket weld union or Pipe socket weld



Tube socket weld union elbow



Tube socket weld union tee



Tube socket weld union cross

2. Male and Female connectors / adapters



Tube socket weld to male NPT connector



Tube socket weld to female NPT connector



Tube socket weld to male NPT elbow



Tube socket weld to female NPT elbow

(For dimensions see catalog.)

Product Options:

The product options listed below affect pressure and/or temperature ratings shown in the above Summary Table, but in all cases the ratings are less than, or equal to, those shown in the table.

1. Sealant for tapered pipe threads (NPT and ISO-7):
 - a. Curable resin with PTFE
 - b. PTFE tape

Additional options that do not affect pressure and/or temperature ratings may be made available within the scope of this approval. Examples of these would include the following:

1. Special marking
2. Special Cleaning

All the above options, those that affect pressure and/or temperature ratings and those that do not, are within the scope of this approval.

Quality System

The Swagelok Company quality system complies with the requirements of ISO 9001:2015. The Swagelok Company maintains BSI Certificate of Registration Number FM 01729, which applies to all locations listed on the Certificate.

References

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

- Weld Fittings, Ultra High Purity, Special Cleaned and Industrial MS-01-149 Rev. O



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

