

May 05, 2020

Attention: Tanya Francis
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO, ON M9W 6N9

The design submission, tracking number 2020-02048, originally received on April 09, 2020 was surveyed and accepted for registration as follows:

CRN : 0A22391.52 **Accepted on:** May 05, 2020
Reg Type: NEW DESIGN **Expiry Date:** May 05, 2030
Drawing No. : ATTACHMENT B SCOPE OF REGISTRATION
Fitting type: PIPE FITTING
Design registered in the name of : SWAGELOK COMPANY

The registration is conditional on your compliance with the following notes:

As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction are ASME B31.1 and ASME B31.3.

- It is our understanding that the fitting(s), included as the scope of this submission, that is(are) subject to the Safety Codes Act shall comply with the requirements of the indicated Standard or Code of Construction on the AB-41 Statutory Declaration as supported by the attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the identification marking of the fittings.*
- This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form.*
- This registration is valid only until the indicated expiry date and only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date.*
- Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.*

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3388 or fax (780) 437-7787 or e-mail Liu@absa.ca.

Sincerely,



LIU, XING, P. Eng.
DOP Cert. No. D00008861

Temporary rules to address fitting design submissions without a properly executed statutory declaration.

The temporary rules have been issued in accordance with PRO-Corp-005 TPP5.07.

Issued: April 3, 2020	Document #DSP-TEMP-001 Revision Number: 0	
Subject Rule	Statutory Declaration form AB-41 and Guidance for completion of Statutory Declaration AB-41a.	
Reason for Modification	It is not possible to have a Commissioner of Oaths or a Notary Public to countersign the Statutory Declaration Form, AB-41, due to COVID-19 measures.	
Technical Consequences	None, as this is an administrative requirement.	
Modification	Temporary Design Survey accepts Statutory Declaration Forms that have not been signed by a Commissioner of Oaths or a Notary Public.	
Rationale for Accepting the Modification	The requirement for the Statutory Declaration completion cannot be fulfilled due to the COVID-19 restrictions.	
Terms and Conditions	<p>Temporary the fitting registration can be issued for designs with completed Statutory Declaration Forms that are not countersigned by a Commissioner of Oaths or a Notary Public.</p> <p>A copy of this temporary procedure shall be included in the ABSA record file.</p> <p>This modification is acceptable as long as the restrictions for COVID-19 measure are in force.</p>	
Prepared by: T. Onshchenko	Reviewed: L. Petrushevski / P. Fok	Approved by M. Poehlmann

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

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 F316 SS (ASTM A182) For shaped fittings	MPW Adapter Ends and Connector Ends (1/4" - 1")	10 300 - 6000	5768 - 3360	ASME B31.1 (Unlisted Components) ASME B31.3 (Unlisted Components)
PSW (pipe socket weld)		PSW Unions, Adapter Ends and Connector Ends (1/4" - 1")	8100 - 6100	4536 - 3416	
TSW (tube socket weld)		TSW Unions, Adapter Ends and Connector Ends (1/8" - 1")	12 600 - 5600	7056 - 3136	
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



This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.