

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>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 flexible 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 AECB or ASME requirements)</p>	<p>TITLE OF THE STANDARD OF CONSTRUCTION</p> <p>ASME B31.1 for unlisted components, ASME B31.3 for unlisted components</p>
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT	
<u>Swagelok</u>	<p>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>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p> <p>ISO 9001:2015 Certificate, Attachment A, Attachment B Catalog Information and other Support Documents</p>	

DECLARATION:

I, Joel Feldman (see note 3) 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 14th day of March AD 2019
 Commissioner of Oaths or Notary Public: [Signature]
 (Affix Official seal to the right)

USE THIS SPACE FOR OFFICIAL



<p>This space for Regulatory Authority use</p> <p>This registration must be revalidated after ten (10) years from the date of acceptance.</p>	
<p>CRN: <u>0A21361.5</u></p> <p>FID#: <u>1214</u></p>	<p>Newfoundland Labrador Service NL</p> <p>Registered <u>0A21361.50</u> Date <u>19/06/10</u> Engineering and Inspection Services Registered by <u>[Signature]</u></p>
<p>Notes:</p> <ol style="list-style-type: none"> All fittings shall be registered in the name of the Manufacturer. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years. 	
<p>UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULATIONS</p>	



Attachment B: Scope for Swagelok QC, QF, QM and QTM Series Quick-Connects (Category A)

This document represents the scope of the QC, QF, QM, and QTM Series Quick-Connects covered by this submission for CRN approval. These products were designed and evaluated in accordance with ASME B31.1-2016 for unlisted components and ASME B31.3-2016 for unlisted components.



0A21361.5

Summary Table

Product Description or Series	Main Pressure Bearing Component	Main Pressure Bearing Material (Standard)	Port Connections and Sizes	Maximum Rated Pressure		Design Code of Construction
				At -50 to 100°F	At maximum temperature	
QC4	Body	316 SS (ASTM A479)	Swagelok Tube Fitting 1/8", 1/4", 6MM Female NPT 1/8", 1/4" Female ISO 1/4" Male NPT 1/8", 1/4" Male ISO 1/4"	3000 psi	500 psi @ 400°F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
QC6	Body	316 SS (ASTM A479)	Swagelok Tube Fitting 3/8", 10MM Female NPT 1/4", 3/8" Female ISO 3/8" Male NPT 1/4", 3/8" Male ISO 3/8"	1500 psi	400 psi @ 400°F	
QC8	Body	316 SS (ASTM A479)	Swagelok Tube Fitting 1/2", 12MM Female NPT 1/2" Female ISO 1/2" Male NPT 1/2" Male ISO 1/2"	750 psi	300 psi @ 400°F	
QC4	Body	Brass C36000 (ASTM B16)	Swagelok Tube Fitting 1/8", 1/4", 6MM Female NPT 1/8", 1/4" Female ISO 1/4" Male NPT 1/8", 1/4" Male ISO 1/4"	2000 psi	300 psi @ 250°F	
QC6	Body	Brass C36000 (ASTM B16)	Swagelok Tube Fitting 3/8", 10MM Female NPT 1/4", 3/8" Female ISO 1/4", 3/8" Male NPT 1/4", 3/8" Male ISO 1/4", 3/8"	1000 psi	300 psi @ 250°F	
QC8	Body	Brass C36000 (ASTM B16)	Swagelok Tube Fitting 1/2", 12MM Female NPT 1/2" Female ISO 1/2" Male NPT 1/2" Male NPT 1/2"	500 psi	300 psi @ 250°F	



Product Description or Series	Main Pressure Bearing Component	Main Pressure Bearing Material (Standard)	Port Connections and Sizes	Maximum Rated Temperature		Design Code of Construction
				At -50 to 100°F	At maximum temperature	
QF4, QF8	Body	316 SS (ASTM A479)	Swagelok Tube Fitting 1/4", 3/8", 1/2", 6MM Female NPT 1/4", Female ISO Tapered 1/4" Female ISO Parallel 1/4"	6000 psi	400 psi @ 400°F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
			Female NPT 3/8"	5300 psi	400 psi @ 400°F	
			Female NPT 1/2" Female ISO Tapered 1/2" Female ISO Parallel 1/2"	4900 psi	400 psi @ 400°F	
QF12, QF16	Body	316 SS (ASTM A479)	Swagelok Tube Fitting 3/4", 1" Female NPT 3/4", 1"	4000 psi	200 psi @ 400°F	
QF4	Body	Brass C36000 (ASTM B16)	Swagelok Tube Fitting 1/4"	3500 psi	300 psi @ 250°F	
			Swagelok Tube Fitting 6MM	3190 psi	300 psi @ 250°F	
			Swagelok Tube Fitting 3/8"	2200 psi	300 psi @ 250°F	
			Female NPT 1/4" Female ISO Tapered 1/4" Female ISO Parallel 1/4"	3300 psi	300 psi @ 250°F	
			Female NPT 3/8"	2400 psi	300 psi @ 250°F	
QF8	Body	Brass C36000 (ASTM B16)	Swagelok Tube Fitting 3/8"	2200 psi	300 psi @ 250°F	
			Swagelok Tube Fitting 1/2"	2100 psi	300 psi @ 250°F	
			Female NPT 3/8"	2600 psi	300 psi @ 250°F	
			Female NPT 1/2" Female ISO Tapered 1/2" Female ISO Parallel 1/2"	2400 psi	300 psi @ 250°F	
QF12, QF16	Body	Brass C36000 (ASTM B16)	Swagelok Tube Fitting 3/4"	1800 psi	200 psi @ 250°F	
			Swagelok Tube Fitting 1"	1500 psi	200 psi @ 250°F	
			Female NPT 3/4", 1"	2000 psi	200 psi @ 250°F	
QM2	Body	316 SS (ASTM A479)	Swagelok Tube Fitting 1/16", 1/8" Female NPT 1/16", 1/8" Male NPT 1/16", 1/8"	4000 psi	200 psi @ 400°F	
QM2	Body	Brass C36000 (ASTM B16)	Swagelok Tube Fitting 1/16", 1/8" Female NPT 1/16", 1/8" Male NPT 1/16", 1/8"	2000 psi	200 psi @ 250°F	

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 Pressure Vessels
 Safety Program

Product Description or Series	Main Pressure Bearing Component	Main Pressure Bearing Material (Standard)	Port Connections and Sizes	Maximum Rated Temperature		Design Code of Construction
				At -50 to 100°F	At maximum temperature	
QTM2	Body	316 SS (ASTM A479)	Swagelok Tube Fitting 1/4", 3/8", 6MM, 8MM Male NPT 1/4", 3/8" Female NPT 1/8", 1/4", 3/8" Female ISO Tapered 1/4" Female ISO Parallel 1/8", 1/4"	4500 psi	4500 psi @ 120°F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
QTM4, QTM8	Body	316 SS (ASTM A479)	Swagelok Tube Fitting 1/4", 3/8", 1/2", 3/4", 1", 6MM, 10MM, 12MM Male NPT 1/4", 3/8", 1/2", 3/4", 1" Female ISO Tapered 1/4", 1/2" Female ISO Parallel 1/4", 1/2" JIC 37° flare 1/4", 1/2"	3200 psi	3200 psi @ 120°F	
QTM2	Body	Alloy 400 (ASTM B164)	Swagelok Tube Fitting 1/4", 3/8", 6MM, 8MM Male NPT 1/4", 3/8" Female NPT 1/8", 1/4", 3/8" Female ISO Tapered 1/4" Female ISO Parallel 1/8", 1/4"	3200 psi	3200 psi @ 120°F	

Product Illustration

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 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program



Product Options:

Some product options could affect the pressure-temperature ratings shown in the Summary Table, but in all cases the ratings are less than those shown in the Summary Table. An example of this would be optional body seal materials.

Additional options that do not affect pressure-temperature ratings may be made available within the scope of this registration. An example of this would be optional lubricants.

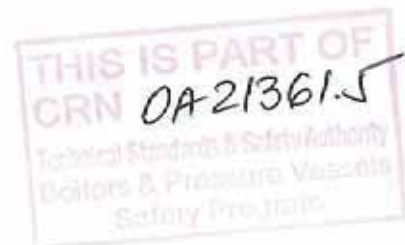
Quality System

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

- QC, QF, QM, and QTM Series Quick-Connects Catalog MS-01-138, Rev S



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

