

## 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



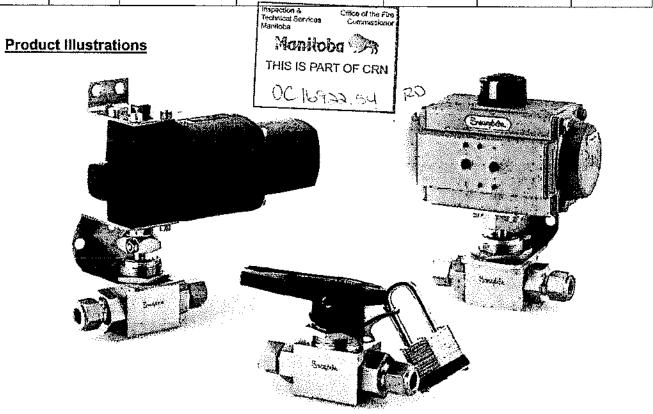
## STATUTORY DECLARATION **Registration of Fittings** David H. Peace, Vice President of Engineering (Name and Position, e.g. President, Plant Manager, Chief Engineer) of Swagelok Company (Name of Manufacturer) Located at 29500 Solon Road, Solon, Ohio 44139-3492 (440) 248-4600 440-519-7384 (Plant Address) (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 B31.1 and ASME B31.3 for Unlisted Components (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. The British Standards Institution The items covered by this declaration, for which I seek registration, are category C \_ type fittings. In support of this application, the following information and/or test data are attached as follows: ISO 9001:2008 Certificate, Catalog Information, Support Documents, Attachment B (drawings, calculations, test reports, etc.) Solon in the State Declared before me at \_ day of May Commissioner for Oaths: Jamie L. Ristau Resident Portage County **Hotary 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 CRN: Registered by: Dated: NOTE: This registration expires on:

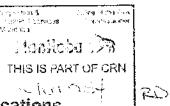
## Attachment A. Scope for Swagelok AFS Series Vall Valves (Category C)

This document represents the scope of the Swagelok AFS Series Ball Valves covered by this submission for CRN approval. The Swagelok AFS Series Ball Valves were designed and evaluated in accordance with ASME B31.1-2007 for unlisted components and ASME B31.3-2006 for unlisted components.

## **Summary Table**

Product Description or Series	Main Pressure Bearing Component	Main Pressure Bearing Material (Standard)	Port Connections and Sizes	Maximum Rated Pressure		Design Code
				At ambient temperature	At maximum temperature:	of Construction
AFS	Body	Stainless Steel (ASTM A479)	Swagelok Tube Fitting 3/8", 1/2", 12MM	6000 @ 100 °F	6000 @ 250 °F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
			Swagelok Tube Fitting 3/4", 16MM	5800 @ 100 °F	5742 @ 250 °F	
			Swagelok Tube Fitting 1"	4700 @ 100 °F	4653 @ 250 °F	
			Female NPT 3/8", 1/2"	6000 @ 100 °F	6000 @ 250 °F	
			Female NPT 3/4"	5600 @ 100 °F	5532 @ 250 °F	
			Female ISO 1/2"	6000 @ 100 °F	6000 <b>@</b> 250 °F	





Attachment A. Swagelok Manufacturing Locations

This document lists the Swagelok locations where end item or component level manufacturing activities take place.

Swagelok Company	Swagelok Company (Falon 1)		
29500 Solon Road	348 Bishop Road		
Solon, Ohio 44139	Highland Heights, Ohio 44143		
USA	USA		
Swagelok Company (Highland)	Swagelok Company (Falon 2)		
318 Bishop Road	348 Bishop Road		
Highland Heights, Ohio 44143	Highland Heights, Ohio 44143		
USA	USA		
Swagelok Company (OFC)	Swagefok Company (HPF)		
29495 F.A. Lennon Drive	6050 Cochran Road		
Solon, Ohio 44139	Solon, Ohio 44139		
USA	USA		
Swagelok Company (Atlantic)	Swagelok Company (Snow Metal)		
26651 Curtiss Wright Parkway	6060 Cochran Road		
Willoughby Hills, Ohio 44092	Solon, Ohio 44139		
USA	USA		
Swagelok Company (Micro) 26653 Curtiss Wright Parkway Willoughby Hills, Ohio 44092 USA	Swagelok Company (Aifred) 29500 Ambina Drive Solon, Ohio 44139		
Swagelok Hose Services Company (SHSC)	Swagelok Company (Strongsville)		
29900 Solon Industrial Parkway	15400 Foliz Road		
Solon, Ohio 44139	Strongsville, Ohio 44119		
Swagelok Company (Strongsville) 21693 Drake Road Strongsville, Ohio 44149	Swagelok Company A.G. (European Technology Center) St. Gallerstraße 84 Lachen, Switzerland 8853 Switzerland		
Swagelok Limited	Swagelok BV		
Tromode	Markweg 21		
IM4 4RA	2153 PG, Nieuw-Vennep		
Isle of Man	Netherlands		
Swagelok (China) Fluid System Tachnologies Ltd. Changshu Export Process Zone Changshu Economic Development Zone Changshu, Jiangshu 215513 China			