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: Swagelok Company	
MANUFACTURERS ADDRESS: 29500 Solon Road, Solon, Ohio 44139 USA	
PLANT LOCATIONS: Headquarters: 29500 Solon Road, Solon, Ohio 44139 USA (See A	
CATEGORY OF FITTINGS TO BE REGISTERED, CIRCLE ONE CATEGORY ONLY	ttachrnent A)
A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all time valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam trape F Measuring devices, including pressure gauges, lovel gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressura relief devices acceptable as primary over pressure protection on bollers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 □ Class 2 □ Class 3 □, (Meeting AECB or ASME requirements)	ASME B31.1 for unlisted components, ASME B31.3 for unlisted components
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT	
Swagelok LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE RE	PORGED D WELDED D WROUGHT M CAST D STHER C DESCRIES OTHER:
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Canadian Registration Number Submittal #83-BALL-2019 Category C: Swagelok 83 Series Ball Valve

Attachment B: Scope for Swagelok 83 Series Ball Valves (Category C)

Date: February 4, 2019

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This document represents the scope of Swagelok's 83 Series Ball Valve covered by this submission for CRN approval. These valves were designed and evaluated in accordance with ASME B31.1-2016 for unlisted components and ASME B31.3-2016 for unlisted components.

Summary Table

Product Description or Series Main Pressure Bearing Componen	100000000000000000000000000000000000000	Main Pressure		Maximum Rated Pressure		Design Code of Construction	
	Bearing Material (Standard)	Port Connections and Sizes	At 100°F	At Maximum Temperature			
83	Body	316 SS (ASTM A479)	Tube Fitting 1/4", 3/8", 1/2", 6mm, 8mm, 10mm, 12mm Female NPT 1/8", 1/4"	6000 psig	@ 450°F	ASME B31.1	
		, and a second	Female NPT 1/2"	4900 psig			
83				Tube Fitting 1/4", 3/8", 6mm, 8mm, 10mm Female NPT 1/8", 1/4"	5000 psig		(Unlisted Components) and ASME B31.3
	Body	Alloy 400 N04400	Tube Fitting 1/2" 4400 psig 500 psig	(Unlisted Components)			
		(ASTM B164)	Tube Fitting 12mm	4206 psig		War 195	
			Female NPT 1/2"	4410 psig			

Product Illustration





Canadian Registration Number Submittal #83-BALL-2019
Category C: Swagelok 83 Series Ball Valve

Date: February 4, 2019 Page 2 of 2

Product Options:

A variety of seat seal and stem seal materials are offered within the scope of this registration. Some of these options affect product pressure and/or temperature ratings, but in all cases these rating differences are less than those shown in the above Summary Table.

Additional options and non-pressure boundary alterations that do not affect pressuretemperature ratings are also available within the scope of this registration. Examples of these would include, but not be limited to, 3-way valves, handle options, indicator switches, actuators, etc.

Quality System

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

References

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

Trunnion (83 Series) Ball Valve Catalog MS-01-166, REV Q



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	358 Bishop Road
Highland Heights, Ohio 44143	Highland Heights, Ohio 44143
USA	USA
Swagelok Company (OFC)	Swagelok 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 (Alfred) 29500 Ambina Drive Solon, Ohio 44139
Swagelok Hose Services Company (SHSC)	Swagelok Company (Strongsville)
29900 Solon Industrial Parkway	15400 Foltz Road
Solon, Ohio 44139	Strongsville, Ohio 44119
Swagelok (China) Fluid System Technologies Ltd.	Swagelok Limited
Changshu Export Process Zone	Ballafletcher Road
Changshu Economic Development Zone	Tromode
Changshu, Jiangshu	IM4 4RA
215513 China	Isle of Man

