UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

PRINCE EDWARD ISLAND

NEW BRUNSWICK

NOVA SCOTIA

	YUKON	NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME: 9	Swagelok Company	The state of the s	
MANUFACTURERS ADDRESS	29500 Solon Road	I, Solon, Ohio 44139 USA	
PLANT LOCATIONS: Headox	arters: 29500 Solon	Road, Solon, Ohio 44139 USA (Cae Attachment A)
CATEGORY OF FITTE	NGS TO BE REGISTERS	ED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTE
A Pipe fittings, Including coupling B Flanges: all Empes C Valves: all line valves D Expansion joints, flexible cont E Strainers, fitters, separators, a F Measuring devices, including pressure furnerfitters.	rgs, tees, elboers, Ys, pluj nections, and hose essen and steem trops presente gauges, level ga ure relief devices accepts lad and featble plans	gs, unions, pipe caps, or reducers. sblies: all types suges, sight glasses, levels, or sblie as primary over pressure protection of	ASME B31.1 for unlisted components, ASME B31.3 for unlisted components
		D, (Meeting AECS or ASME requirement	del .
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Canadian Registration Number Submittal #JB-JN-2020 Category C: Swagelok Needle Valves

Attachment B. Scope for Swagelok JB and JN Series Needle Valves (Category C)

This document represents the scope of the Swagelok JB and JN Series Needle Valves covered by this submission for CRN approval. These products were designed and evaluated in accordance with ASME B31.1-2018 for unlisted components and ASME B31.3-2018 for unlisted components.

Summary Table

Product		Main Pressure Bearing Material (Standard)	Port Connections, Sizes	Maximum Rated Pressure (psig)		Design Code of
Series				At -40 to 100°F	At max temperature	Construction
JB	Body	F316 SS (ASTM A182)	Tube Fitting 1/8", 1/4", 3/8", 6MM, 8MM Female NPT 1/8" Male NPT 1/8", 1/4" Male ISO 1/4"	3000	2140 @ 400°F (PTFE packing) 1880 @ 600°F (Grafoil packing)	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
JN	Body		Tube Fitting 1/8", 1/4", 3/8", 6MM Female NPT 1/4" Male NPT 1/8", 1/4" Female ISO 1/4" Male ISO 1/8", 1/4"	600	425 @ 200°F	ASME B31.1 (Unlisted Components)
JN	Body		Tube Fitting 1/8", 1/4", 3/8", 6MM Female NPT 1/4" Male NPT 1/8", 1/4" Female ISO 1/4" Male ISO 1/8", 1/4"	600	250 @ 300°F	ASME B31.3 (Unlisted Components)

Product Illustrations





JB Series Valve



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Category C: Swagelok Needle Valves

Typical Product Characteristics:

Some of the product options listed below 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. All of the following options are within the scope of this registration:

Valve Seat Material

SS 316 SS 440C Cobalt Alloy Silicon Bronze

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Stem Designs

Regulating

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:

- JB Series Needle Valve Catalog MS-01-084, R8
- JN Series Needle Valve Catalog MS-01-085, R7

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. Changshu Export Process Zone Changshu Economic Development Zone Changshu, Jiangshu 215513 China	Swagelok Limited Ballafletcher Road Tromode IM4 4RA Isle of Man

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