UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK

NEW BRUNSWICK NUNAVUT	YUKON	NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	Swagelok Company		
MANUFACTURERS ADDRESS		, Solon, Ohlo 44139 USA	
PLANT LOCATIONS: Headon	unters: 20500 Solon	Road, Solon, Ohio 44139 USA (See	Arrachment 43
CATEGORY OF FITT	NGS TO BE REGISTERS	D, CIRCLE ONE CATEGORY ONLY	TIBLE OF THE STANDARD OF CONSTRUCTION
A Plangas: all fianges C Valvas: all line valves Expansion joints, flaxible con: E Strainers, fixers, separators, s F Measuring devices, including pressure transmitters	nections, and hose assement and steam traps pressure gauges, level gar		ASME B31.1 for unlisted components. ASME B31.3 for unlisted components
H Presure retaining component	ing and fusible plugs is that do not fell into one :	of the above categories	
Nuclear components: Class 1	Class 2 Class 3 C	D, (Masting AEC8 or ASME requirements)	
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IST OF SUPPORTING DOCUM	ENTATION AND IDENTIF	FICATION OF THE ACTUAL ITEMS TO BE	REGISTERED:
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Canadian Registration Number Submittal Category C: Swagelok Bleed Valves and Purge Valves

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Attachment B: Scope for Swagelok BV Series Bleed Valves and P Series Purge Valves (Category C)

This document represents the scope of the Swagelok BV Bleed Valves and P Purge 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

				Maximum Rate	ed Pressure	
Droduct		Main Pressure	g Port Connections, Sizes	(psig)		Design Code
Product Series	Pressure Bearing Component	Bearing Material (Standard)		At -65 to 100°F (except Carbon Steel)	At max temperature	of Construction
BV Body, Stem		. 316 SS	Male NPT 1/8", 1/4", 3/8", 1/2"	10,000	6085 @ 850°F	
	(ASTM A479)	Male ISO 1/4",1/2"		0001	ASME B31.1 (Unlisted Components) and	
		Male SAE 1/4",1/2"	4,568	4568 @ 400°F		
BV Body, Stem	1018 Carbon Steel (ASTM A108)	Male NPT 1/8", 1/4", 3/8", 1/2"	10,000 @ -20 to 100°F	8630 @ 375°F		
		Male ISO 1/4",1/2"				
		Male SAE 1/4",1/2"	4,568 @ -20 to 100°F	4568 @ 375°F		
		Female & Male NPT 1/8", 1/4", 3/8", 1/2"	4000	2500 @		
		Male ISO 1/8"				
Р	P Body, Cap	(ASTM A479)	Swagelok Tube Fitting 1/8", 1/4", 3/8", 1/2", 6MM, 8MM	4000	600°F	ASME B31.3 (Unlisted Components)
			Male SAE 1/4", 1/2"	4000	2850 @ 400°F	
P Body, Cap		12L14 Carbon	Female & Male NPT 1/8", 1/4", 3/8", 1/2"	3000 @ -20 to 100°F	3000 @ 250°F	
			Male SAE 1/4", 1/2"			
	Body, Cap	Steel	Male ISO 1/8"			
		(ASTM A108)	Swagelok Tube Fitting 1/8", 1/4", 3/8", 1/2", 6MM, 8MM			



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Product		Main Pressure Bearing Material (Standard)	Port Connections, Sizes	Maximum Rated Pressure (psig)		Design Code
Series				At -65 to 100°	At max temperature	Of Construction
РВо		Brass C36000 (ASTM B16)	Male NPT 1/8", 1/4", 1/2"		. 740 @ 400°F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted
			Male ISO 1/8"	3000		
			Swagelok Tube Fitting 1/8", 1/4", 3/8", 1/2", 6MM			
			Swagelok Tube Fitting 8MM	2322		
	P Body, Cap		Swagelok Tube Fitting 3/8"	2200		
			Swagelok Tube Fitting 1/2"	2100		
			1/8" FNPT	3000	640 @ 400°F	Components)
			1/4" FNPT	3000	660 @ 400°F	
			3/8" FNPT	2600	520 @ 400°F	
			1/2" FNPT	2400	480 @ 400°F	
			Male SAE 1/4", 1/2"	2284	297 @ 400°F	

Product Illustrations

BV Series Bleed Valves



P Series Purge 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:

BV Series Bleed Valves

Handles Vent Tubes

P Series Purge Valves

Ball Material (316SS standard, PTFE optional)

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.

BV Bleed Valves and P Purge Valves Catalog MS-01-62, Rev N

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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