



**BOILERS AND PRESSURE VESSELS
SAFETY DIVISION**
3300 Bloor Street West
4th Floor, West Tower
Toronto, Ontario
CANADA M8X 2X4

Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below

Swagelok

**STATUTORY DECLARATION
Registration of Fittings**

I, David H. Peace, Vice President of Engineering
(Name & 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) (See Attachment A) (Telephone #) (Fax #)

do solemnly declare that the fittings listed hereunder, which are subject to the Technical Standards and Safety Act, 2000, and Regulations for Boilers and Pressure Vessels comply with all of the requirements of ASME Code B31.1 Power Piping for unlisted components where applicable, and ASME Code B31.3 Process Piping for unlisted components where applicable
(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, Support Documents, Catalog Information, Attachments B, C, D, E.
(drawings, calculations, test reports, etc.)

Declared before me at Solon in the State of Ohio
the 8th day of February AD 2010.

Commissioner for Oaths:
LANA C. SUTPHIN LANA C. SUTPHIN, Notary Public
(Printed name) State of Ohio - Portage County
My Commission Expires Jan. 23, 2012

Lana C. Sutphin
(Signature)

[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, 2000, and Regulations for Boilers and Pressure Vessels and is accepted for registration in Category C.

CRN: CSA-OC 12577.56 ADD7

Registered by: Bikramjit S. Sandhu, P.Eng

Dated: 18 Jan 2011

NOTE: This registration expires on Dec. 11, 2020

[Revised August 24, 2001]

CSA INTERNATIONAL
REGISTERED
C.R.N.: CSA-OC12577.56 ADD7
Signed: Bikramjit Sandhu
Date: 18 Jan 2011
178 Rexdale Blvd., Toronto, ON M9W 1R3



Note: See the attachment for the scope of the registration

Manitoba



Labour

Mechanical and Engineering

500 — 401 York Avenue
Winnipeg MB R3C 0P8
CANADA

PH: (204) 945-3373
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April 22, 1998

The Province of Manitoba will be participating with Quebec, Saskatchewan and the Canadian Standards Association in a pilot project for the registration of fittings. We will recognize registrations done by CSA and accept such fittings for use in Manitoba. The letters CSA will be applied in front of the CRN to indicate which fittings have been registered in this manner. I would appreciate it if you could inform your clients of this additional marking request.

You may now inform your clients that the CSA registration is acceptable in Manitoba.

Yours truly,

A handwritten signature in cursive script, which appears to read "I.W. Mault".

I.W. Mault, P.Eng.
Director

Attachment B. Scope of CRN Registration for Swagelok BV Bleed Valves and P Purge Valves (Category C)

Product Scope

This document represents the scope of the BV Bleed Valves and P Purge Valves covered by this submission for CRN approval. The Swagelok BV Bleed Valves and P Purge Valves were designed and evaluated in accordance with ASME B31.1 for unlisted components and ASME B31.3 for unlisted components.

Summary Table

Product Description or Series	Main Pressure Bearing Component	Main Pressure Bearing Material	Port Connections and Sizes	Maximum Rated Pressure		Design Code of Construction
				At ambient temperature	At maximum temperature	
BV	Body	Stainless Steel (ASTM A479)	Male NPT 1/8", 1/4", 3/8", 1/2" Male ISO 1/4", 1/2"	10,000 psi @ 100 °F	6,085 psi @ 850 °F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
		Carbon Steel (ASTM A108)		10,000 psi @ 100 °F	8,355 psi @ 400 °F	
		Monel (ASTM B164)		10,000 psi @ 100 °F	7,920 psi @ 500 °F	
BV	Body	Stainless Steel (ASTM A479)	Male SAE 1/4", 1/2"	4,568 psi @ 100 °F	3,800 psi @ 450 °F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
		Carbon Steel (ASTM A108)		4,568 psi @ 100 °F	3,790 psi @ 400 °F	
		Monel (ASTM B164)		4,568 psi @ 100 °F	3,610 psi @ 450 °F	
P	Body	Stainless Steel (ASTM A479)	Female NPT 1/8", 1/4", 3/8", 1/2" Male NPT 1/8", 1/4", 3/8", 1/2" Male SAE 1/4", 1/2" Male ISO 1/8" Swagelok Tube Fitting 1/8", 1/4", 3/8", 1/2", 6MM, 8MM Swagelok Tube Adapter 1/4", 3/8", 1/2"	4,000 psi @ 100 °F	2,500 psi @ 600 °F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
		Carbon Steel (ASTM A108)		3,000 psi @ 100 °F	3000 psi @ 250 °F	
		Brass (ASTM B16)		3,000 psi @ 100 °F	740 psi @ 400 °F	

Product Illustration

BV Series Bleed Valves



P Series Purge Valves



Typical Product Characteristics:

Some of the product options listed below 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 BS EN ISO 9001:2008. The Swagelok Company maintains British Standards Institution Certificate of Registration Number FM 01729, which applies to all locations listed on the Certificate. The BV Bleed Valves and P Purge Valves are manufactured at a Swagelok Company location in Solon, Ohio.

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-01-062, R8