




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

I, 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 (See Attachment A) (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 B31.3 Chapter IX, 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 (Swagelok IPT Series Valves) type fittings. In support of this application, the following information and/or test data are attached as follows:

Attachment A, Attachment B, Support Documents, Catalog Information, ISO 9001:2008 Certificate  
*(drawings, calculations, test reports, etc.)*

Declared before me at Solon in the State of Ohio  
the 14th day of January AD 2016.

Commissioner for Oaths:  
Jamie L Ristau  
*(Printed name)*  
Resident Portage County  
Notary Public, State of Ohio  
My Commission Expires: 03/06/2019  
Jamie L Ristau  
*(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**, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category C

CRN: CSA-OC1817156  
Registered by: A. BANWAT  
Dated: APRIL 18 2016



**REGISTERED**

CRN.: CSA-OC1817156

Signed: [Signature]

Date: 18/04/2016

178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

NOTE: This registration expires on: JAN 18 2018



\*Note: See the attachment for the scope of the registration.

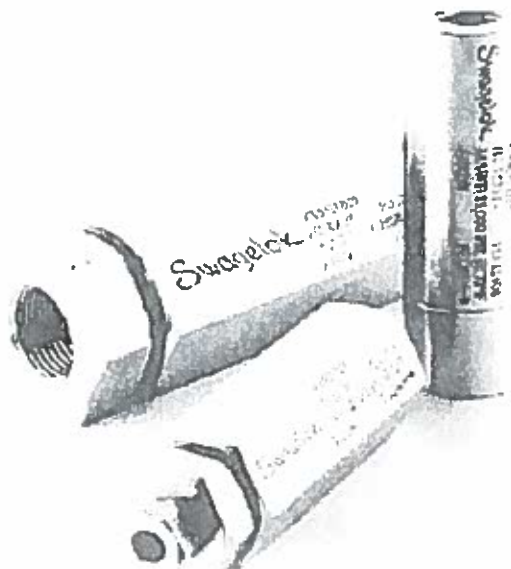
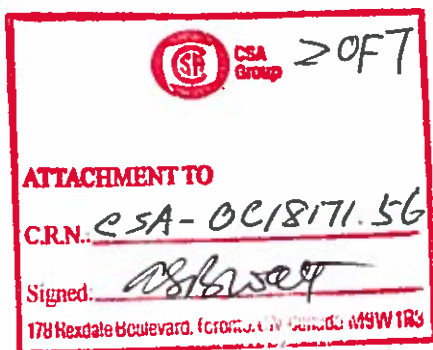
## Attachment B1: Scope of CRN Registration for Swagelok IPT Series Check Valves (Category C)

This document represents the scope of the Swagelok IPT Series Check Valve covered by this submission for CRN approval. The Swagelok IPT Series Check Valves were designed and evaluated in accordance with ASME B31.3 Chapter IX, for unlisted components where applicable.

### Summary Table

Product Description or Series	Main Pressure Bearing Component	Main Pressure Bearing Material (Standard)	Port Connections and Sizes	Maximum Rated Pressure		Design Code of Construction
				At ambient temperature	At maximum temperature	
CV (soft seat)	Body	ASTM A479	Female NPT 1/4", 3/8", 1/2"	15,000 @ 100F	14,700 @ 250F	ASME B31.3 Chapter IX  (For Unlisted Components Where Applicable)
CV (dual seat)	Body	ASTM A479	Female NPT 1/4", 3/8", 1/2"	15,000 @ 100F	14,700 @ 250F	
CV (ball seat)	Body	ASTM A479	Female NPT 1/4", 3/8", 1/2"	15,000 @ 100F	13,900 @ 650F	
CV (soft seat)	Body	ASTM A479	Female NPT 3/4", 1"	10,000 @ 100F	9,800 @ 250F	
CV (dual seat)	Body	ASTM A479	Female NPT 3/4", 1"	10,000 @ 100F	9,800 @ 250F	
CV (ball seat)	Body	ASTM A479	Female NPT 3/4", 1"	10,000 @ 100F	9,300 @ 650F	
CV (soft seat)	Body	ASTM A479	Cone-and-Thread (medium) 1/4", 3/8", 9/16", 3/4", 1"	20,000 @ 100F	19,600 @ 250F	
CV (dual seat)	Body	ASTM A479	Cone-and-Thread (medium) 1/4", 3/8", 9/16", 3/4", 1"	20,000 @ 100F	19,200 @ 250F	
CV (ball seat)	Body	ASTM A479	Cone-and-Thread (medium) 1/4", 3/8", 9/16", 3/4", 1"	20,000 @ 100F	18,600 @ 650F	

### Product Illustration



0C18171.5

## Typical Product Characteristics

Some product options 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. An example of this would be optional body seal materials.

Additional options that do not affect pressure-temperature ratings may be made available within the scope of this registration. An example of this would be different poppet springs.

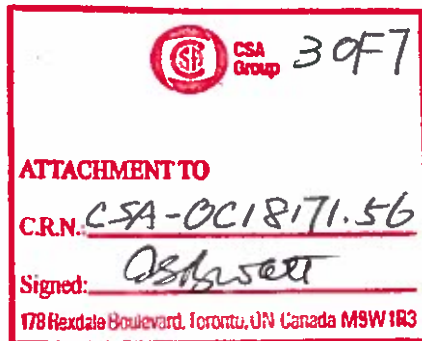
## Quality System

The Swagelok Company quality system complies with the requirements of BS EN ISO 9001:2008. In support of this, Swagelok Company maintains British Standards Institution Certificate of Registration Number FM 01729 and HSB Registration Services Certificate of Registration Number HQ-Q-4, which apply 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.

- Medium and High Pressure Valves, Fittings and Tubing Catalog MS-02-472



0C18171.5

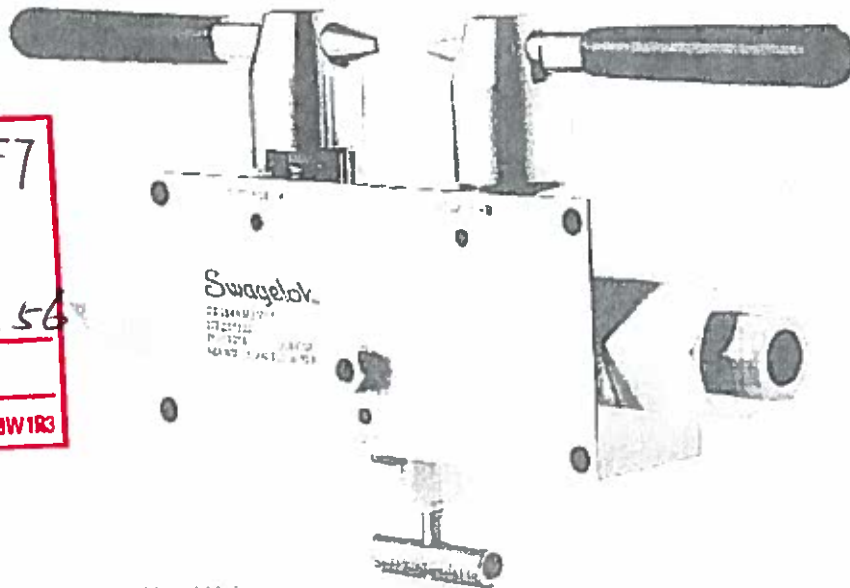
## Attachment B2: Scope of CRN Registration for Swagelok IPT Series Double Block and Bleed Valves (Category C)

This document represents the scope of the Swagelok IPT Series Double Block and Bleed Valve covered by this submission for CRN approval. The Swagelok IPT Series Double Block and Bleed Valves were designed and evaluated in accordance with ASME B31.3 Chapter IX, for unlisted components where applicable.

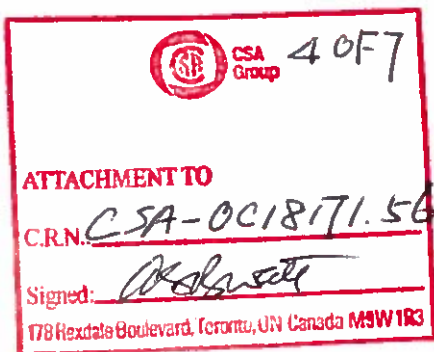
### Summary Table

Product Description or Series	Main Pressure Bearing Component	Main Pressure Bearing Material (Standard)	Port Connections and Sizes	Maximum Rated Pressure		Design Code of Construction
				At ambient temperature	At maximum temperature	
DB (ball-needle-ball)	Body	ASTM A479	Female NPT 1/4", 3/8", 1/2"	15,000 @ 100F	14,700 @ 250F	ASME B31.3 Chapter IX  (For Unlisted Components Where Applicable)
DB (needle-needle-needle)	Body	ASTM A479	Female NPT 1/4", 3/8", 1/2"	15,000 @ 100F	14,700 @ 250F	
DB (ball-needle-ball)	Body	ASTM A479	Cone-and-Thread (medium) 1/4", 3/8", 9/16"	15,000 @ 100F	14,700 @ 250F	
DB (needle-needle-needle)	Body	ASTM A479	Cone-and-Thread (medium) 1/4", 3/8", 9/16"	20,000 @ 100F	19,600 @ 250F	

### Product Illustration



OC 18/71-5



Double Block & Bleed Valves

### Typical Product Characteristics

Some product options 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. An example of this would be optional body seal materials.

Additional options that do not affect pressure-temperature ratings may be made available within the scope of this registration. An example of this would be different handles.

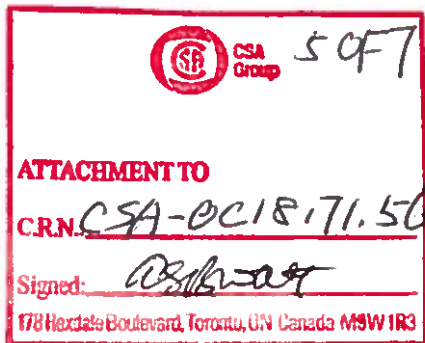
### Quality System

The Swagelok Company quality system complies with the requirements of BS EN ISO 9001:2008. In support of this, Swagelok Company maintains British Standards Institution Certificate of Registration Number FM 01729 and HSB Registration Services Certificate of Registration Number HQ-Q-4, which apply 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.

- Medium and High Pressure Valves, Fittings and Tubing Catalog MS-02-249



0C18171.5

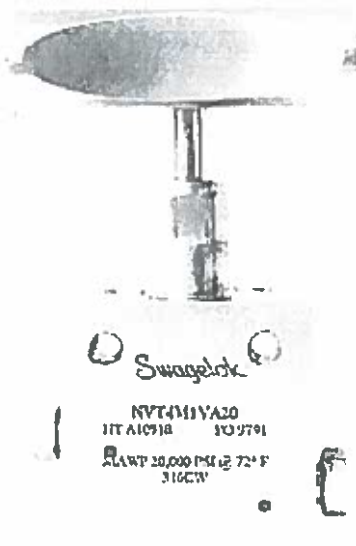
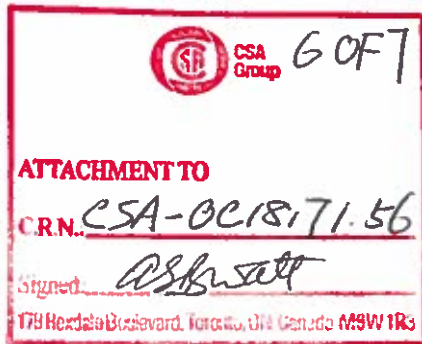
## Attachment B3: Scope of CRN Registration for Swagelok IPT Series Needle Valves (Category C)

This document represents the scope of the Swagelok IPT Series Needle Valve covered by this submission for CRN approval. The Swagelok IPT Series Needle Valves were designed and evaluated in accordance with ASME B31.3 Chapter IX, for unlisted components where applicable.

### Summary Table

Product Description	Main Pressure Bearing Component	Main Pressure Bearing Material (Standard)	Port Connections and Sizes	Maximum Rated Pressure		Design Code of Construction
				At ambient temperature	At maximum temperature	
NVT	Body	ASTM A479	Female NPT 1/4", 3/8", 1/2"	15,000 @ 100F	14,700 @ 250F	ASME B31.3 Chapter IX (For Unlisted Components Where Applicable)
NVT	Body	ASTM A479	Female NPT 3/4", 1"	10,000 @ 100F	9,800 @ 250F	
NVT	Body	ASTM A479	Cone-and-Thread (medium) 1/4", 3/8", 9/16"	30,000 @ 100F	29,400 @ 250F	

### Product Illustration



0C18171-5

### Typical Product Characteristics

Some product options 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. An example of this would be optional body seal materials.

Additional options that do not affect pressure-temperature ratings may be made available within the scope of this registration. An example of this would be different handles.




## Quality System

The Swagelok Company quality system complies with the requirements of BS EN ISO 9001:2008. In support of this, Swagelok Company maintains British Standards Institution Certificate of Registration Number FM 01729 and HSB Registration Services Certificate of Registration Number HQ-Q-4, which apply 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.

- Medium and High Pressure Valves, Fittings and Tubing Catalog MS-02-249

 <b>CSA Group</b> 70F7
<b>ATTACHMENT TO</b>
C.R.N. <u>CSA-0C18171.56</u>
Signed: <u><i>[Signature]</i></u>
178 Hazledean Boulevard, Toronto, ON Canada M9W 1R3

0C18171.5