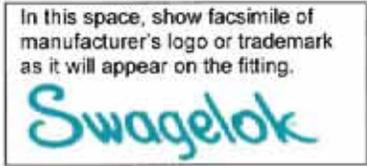


STATUTORY DECLARATION Registration of Fittings

I, Joel Feldman Vice President, Engineering of Swagelok Company



located at 29500 Solon Road, Solon, Ohio 44139 USA

do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (check one)

- comply with the requirements of ASME B31.1 and ASME B31.3 which specifies the dimensions, materials of construction, pressure/temperature ratings and identification marking of the fittings, or are not covered by the provisions of a recognized North American standard...

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, BSI as being suitable for the manufacture of these fittings to the stated standard.

Category C Type Fittings

In support of this application, the following information, calculations and/or test data are attached:

ISO 9001:2015 Certificate, Attachment A, Attachment B, Catalog Information and other Support Documents

DECLARED before me at in the of this day of

(print) (a Commissioner of Oaths or Notary Public)

(sign) (a Commissioner of Oaths or Notary Public)

(signature of applicant)

For ABSA Office Use Only:

NOTES: JB and JN Series Needle Valves

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and ASSTA Standard B51, Clause 4.2, and is accepted for registration in Category

Registration Number:

Date Registered:

Expiry Date:

2020-02475 ABSA ACCEPTED: 0C22305.52 See acceptance letter for conditions of registration. Date: 2020-05-11 By: ASHLING DICK, P. Eng.

May 11, 2020

Attention: Tanya Francis
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO, ON M9W 6N9

The design submission, tracking number 2020-02475, originally received on May 06, 2020 was surveyed and accepted for registration as follows:

CRN : 0C22305.52 **Accepted on:** May 11, 2020
Reg Type: NEW DESIGN **Expiry Date:** April 01, 2030
Drawing No. : SEE ATTACHMENT B FOR SCOPE OF REGISTRATION
Fitting type: JB AND JN SERIES NEEDLE VALVES
Design registered in the name of : SWAGELOK COMPANY

The registration is conditional on your compliance with the following notes:

*** See attachment A for a list of Swagelok manufacturing locations*

As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction are ASME B31.1 and ASME B31.3.

- It is our understanding that the fitting(s), included as the scope of this submission, that is(are) subject to the Safety Codes Act shall comply with the requirements of the indicated Standard or Code of Construction on the AB-41 Statutory Declaration as supported by the attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the identification marking of the fittings.*
- This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form.*
- This registration is valid only until the indicated expiry date and only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date.*
- Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.*

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3337 or fax (780) 437-7787 or e-mail Dick@absa.ca.

Sincerely,



DICK, ASHLING, P. Eng.
DOP Cert. No. D00007936

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 Series | Main Pressure Bearing Component | Main Pressure Bearing Material (Standard) | Port Connections, Sizes | Maximum Rated Pressure (psig) | | Design Code of Construction |
|----------------|---------------------------------|---|--|-------------------------------|---|---|
| | | | | At -40 to 100°F | At max temperature | |
| 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 | Brass C37700 (ASTM B283) | 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 | Brass C37700 (ASTM B283) | 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

JN Series Valve



JB Series Valve



2020-02475

ABSA

SAFETY CODES ACT - PROVINCE OF ALBERTA

ACCEPTED: 0C22305.52

See acceptance letter for conditions of registration.

Date: 2020-05-11 By: *Ashling Dick*
ASHLING DICK, P. Eng.

This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.



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

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 29500 Solon Road Solon, Ohio 44139 USA | Swagelok Company (Falon 1) 348 Bishop Road Highland Heights, Ohio 44143 USA |
| Swagelok Company (Highland) 318 Bishop Road Highland Heights, Ohio 44143 USA | Swagelok Company (Falon 2) 358 Bishop Road Highland Heights, Ohio 44143 USA |
| Swagelok Company (OFC) 29495 F.A. Lennon Drive Solon, Ohio 44139 USA | Swagelok Company (HPF) 6050 Cochran Road Solon, Ohio 44139 USA |
| Swagelok Company (Atlantic) 26651 Curtiss Wright Parkway Willoughby Hills, Ohio 44092 USA | Swagelok Company (Snow Metal) 6060 Cochran Road Solon, Ohio 44139 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) 29900 Solon Industrial Parkway Solon, Ohio 44139 | Swagelok Company (Strongsville) 15400 Foltz Road 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 |