Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
www.tssa.org

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, James Nordholt, 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 USA (440) 248-4600 (440) 349-5970
*(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 B31.1 for unlisted components, and ASME B31.3 for unlisted components
*(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 9001:2015 which has been verified by the following authority, BSI.

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:2015 Certificate, Attachment A, Attachment B, Catalog MS-01-73, and other Support Documents
*(drawings, calculations, test reports, etc.)*

**Declared before me at** SOLON **in the** STATE **of** OHIO

**the** 20 **day of** OCTOBER **AD 20**25

**Commissioner for Oaths:**

JEFFREY C TRUMBULL
*(Printed name)*

*(Signature)*

NOTARY PUBLIC STATE OF OHIO
JEFFREY C TRUMBI
Notary Public
State of Ohio
My Comm. Expires
April 15, 2030

*(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: _____

Registered by: _____

Dated: _____

The stamp size has been optimized for 11 X 17 documents

Technical Standards and Safety Authority — Boilers and Pressure Vessels Safety Program

REGISTERED

C.R.N.: 0C26278.5

Signed:

Date: November 26, 2025.

**NOTE: This registration expires on:** Nov 26, 2035

**Information provided in this application is releasable under the Freedom of Information and Privacy Protection Act and may be disclosed upon request.*

PV 09553 (04/17)

THIS IS PART OF CRN
0C26278.5
Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety Program



# Attachment B: Scope of CRN Registration for Swagelok Diaphragm, DL & DS Series Valves (Category C)

## Product Scope

This document represents the scope of Diaphragm, DL / DS Series Valves covered by this submission for CRN approval. These Diaphragm, DL / DS Series Valves have been evaluated in accordance with ASME B31.1 and B31.3 for unlisted components.

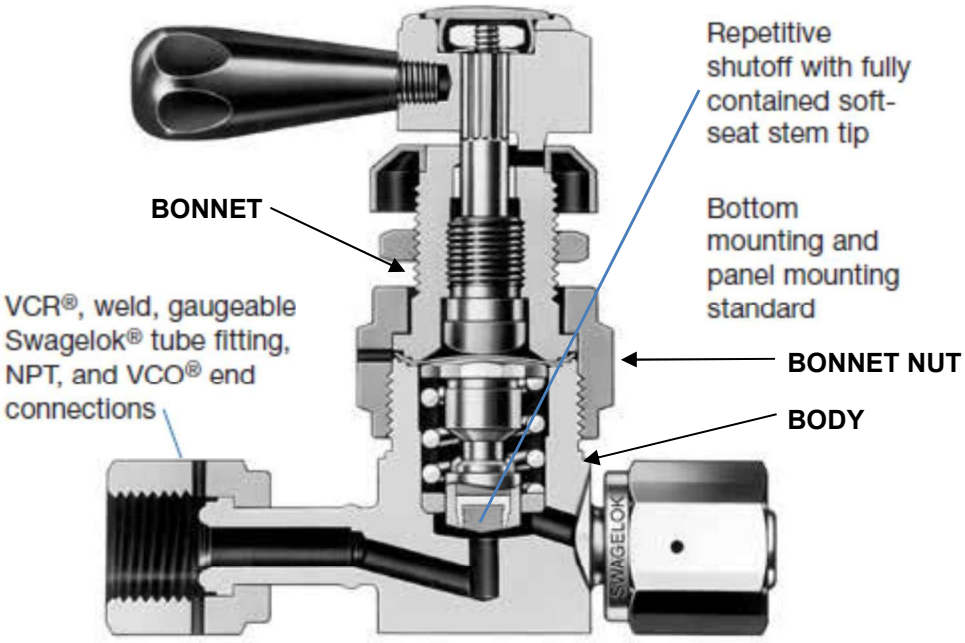
### Table 1 – Summary Table

| Product Series | Main Pressure Bearing Component | Main Pressure Bearing Material | Port Connections and Sizes | Maximum Allowable Working Pressure | | Design Code of Construction |
|---|---|---|---|---|---|---|
| | | | | @100°F | At Max. Temp. | |
| DS (*see below) | Body, Bonnet Nut, Bonnet | 316LV SS (ASTM A479) | Tube Butt Welds 1/4", 3/8"<br>Tube Socket & Tube Butt Welds 1/4" & 3/8", 3/8" & 1/2"<br>Swagelok Tube Fittings 1/4", 3/8", 6 mm, 8 mm<br>Female VCR 1/4"<br>Female to Male VCR 1/4"<br>Male to Female VCR 1/4"<br>VCO O-Ring Fitting 1/4"<br>Male VCR Fitting 1/4" | 3500 psig | 2800 psig@250°F | ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components) |
| | | 316/316L SS Dual Certified (ASTM A479) | | 3500 psig | 2800 psig@250°F | |
| | | 316/316L SS Dual Certified (ASTM A479 | | 3500 psig | 2800 psig@250°F | |
| DL (*see below) | Body, Bonnet Nut, Bonnet | 316LV SS (ASTM A479) | Tube Butt Welds 1/4", 3/8"<br>Tube Socket & Tube Butt Welds 1/4" & 3/8", 3/8" & 1/2"<br>Swagelok Tube Fittings 1/4", 3/8", 6 mm, 8 mm<br>Female VCR 1/4"<br>Female to Male VCR 1/4"<br>Male to Female VCR 1/4"<br>VCO O-Ring Fitting 1/4"<br>Male VCR Fitting 1/4" | 3500 psig | 2800 psig@250°F | ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components) |
| | | 316/316L SS Dual Certified (ASTM A479) | | 3500 psig | 2800 psig@250°F | |
| | | 316/316L SS Dual Certified (ASTM A479 | | 3500 psig | 2800 psig@250°F | |

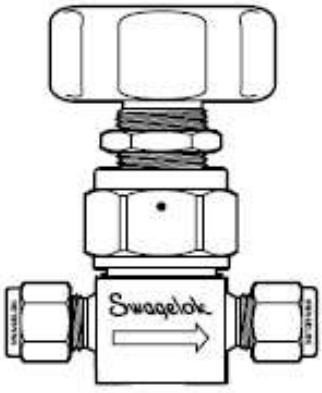
* Mode of operation: hand operated and hand actuated (all materials).

## Product Description

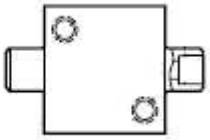
All DS/DL Series Diaphragm Valves have the same features as shown below.



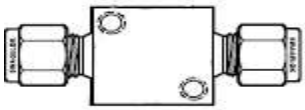

## Configurations



Tube Socket / Tube Butt Welds



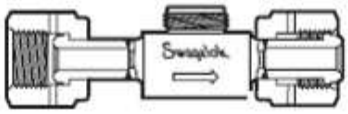
Swagelok Tube Fittings



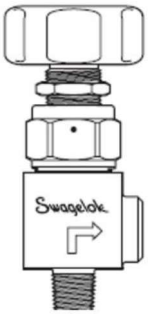
Tube Butt Welds



VCR & VCO Fittings



Angled Pattern



**Product Options**:

Additional options and non-pressure boundary alterations that do not affect pressure-temperature ratings may be made available within the scope of this registration. Examples of these would include, but not be limited to, handle options, indicators, actuators, stem tips, etc.

**Quality System**

The Swagelok Company quality system complies with the requirements of ISO 9001:2015. The Swagelok Company maintains British Standards Institution 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 the registration but rather details some of the most common options.

- Diaphragm Valves, DS and DL Series Catalog – MS-01-73, Rev. O