# UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

| <b>NEW BRUNSWICK</b> |
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| NUNAVUT              |

NOVA SCOTIA YUKON PRINCE EDWARD ISLAND NORTHWEST TERRITORIES NEWFOUNDLAND AND LARRADOR

11-18-2016

| MANUFACTURERS NAME: Swagelok Company  | 1  |  |  |  |  |  |
|---|--|--|--|--|--|--|
| MANUFACTURERS ADDRESS: 29500 Solon Road, Solon, Ohio 44139-3492   |  |  |  |  |  |  |
| PLANT LOCATIONS: Headquarters: 29500 Solon Road, Solon, Ohio 44139-3492 (Se   | e Attachment A)  |  |  |  |  |  |
| GATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY   | TITLE OF THE STANDARD OF CONSTRUCTION  |  |  |  |  |  |
| A Pipe littings, including couplings, tees, allows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all fine valves D Expansion joints, flaxible connections, and hose assemblies: all types E Strainers, filters, esparators, and steam traps F Measuring devices, including pressure gauges, level gauges, alght glasses, levels, or pressure trained transmitters C Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on bollers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 Class 2 C Class 3 C, (Meeting AECB or ASME requirements) | ASME B31.3 where applicable for Unlisted Components  |  |  |  |  |  |
| SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PROOF  | ICT TYPE OF CONSTRUCTION   |  |  |  |  |  |
| Swagelok  | FORGED O WELDED O WROUGHT OF CAST O DIMER O DESCRIBEOTHER:   |  |  |  |  |  |
| LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO B  | E REGISTERED:  |  |  |  |  |  |
|   | •  |  |  |  |  |  |
| (Affix Official seat to the right)  | tained in this form is true and to the best of terials of construction, pressure tendards. I further declare that the ch plant where fabrication occurs in whole for that purpose and I make this solemn and effect as if made under sale.  I I S S P A C BOSPAN A COLOR TO THE COLOR A SAVET BOSPAN A COLOR A COL |  |  |  |  |  |
| This space for Regulatory Authority use  This registration must be revalidated after ten (10) years from the date of acceptance.  |  |  |  |  |  |  |
| CRN: 0C18853.5 FID#: 1214   | PRESSURE LE  |  |  |  |  |  |
| 1. All fillings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.   | described  log 1  Part  Part  REGULATIONS  |  |  |  |  |  |

# Attachment C. Scope of Registration for Swagelok SK Series Ball Valves (Category C)

## **Product Scope**

This document represents the scope of Swagelok SK Series Ball Valves covered by this submission for CRN approval. The Swagelok SK Series Ball Valves were designed and evaluated in accordance with ASME B31.3 for unlisted components.

## **Summary Table**

| Product Description or Series Main Pressure Bearing Component |          | Material                   | Port Connections and Sizes   |          | wable Working<br>e (psig) | Design Code<br>of                      |
|---|----------|----------------------------|--|----------|---------------------------|--|
|   | Waterial | Tort connections and Sizes | At 0 to 250°F  | At 302°F | Construction              |  |
| 4SK   | Body     | 316 SS<br>ASTM A479        | Swagelok Tube Fitting: 1/4 in., 3/8 in., 6 mm, 8 mm Female NPT: 1/4 in. Female ISO: 1/4 in. Male NPT: 1/4 in. Male VCO Fitting: 1/4 in. Female SAE/MS: 1/4 in. | 6000     | 3000                      | ASME B31.3<br>(Unlisted<br>Components) |

# **Product Illustration**



#### **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:

O-Ring Material Options: Low-temperature fluorocarbon FKM, Buna C, Ethylene Propylene, Kalrez, Silicone

Some of the product options listed below do not affect the pressure-temperature ratings shown in the Summary Table. All of the following options are within the scope of this registration:

PTFE-Coated Stainless Steel Ball Directional and Oval Handles in Various Colors Handle Locking Brackets Latch Lock Handles Pneumatic Actuators Special Cleaning

#### **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 Swagelok SK Series 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.

Multipurpose Ball Valves, MS-02-345