# UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

Prince Edward Island

New Brunswick

Nova Scotia

Newfoundland and Labrador

Manufacturers Name: Swegelsk Company         Manufacturers Address: 2000 Solon Road, Solon, Onio 44138 USA         Print Locations: Catagory of Hitmas to be registered. Circle one Category aniv.         Print Locations: Reading counters, ecolos None, Alexandre, one Category aniv.         Catagory of Hitmas to be registered. Circle one Category aniv.         Print Locations: Reading counters, ecolos None, None, Alexandre, one Category aniv.         Catagory of Hitmas to be registered. Circle one Category aniv.         Catagory of Hitmas to be registered.         Construction: Source and the source categories and hole assemblies: all types         Construction: Source and table page.         Catagory of Hitmas to be the counter address acceptable as primary over pressure protection on the product         Nuclear components: Class 1 [] Class 2 [] Class 3 [] (Meeting CNO: ASME requirements)         Show Manufacturers Name, Trademark, or Logo as it will appear on the product         Story Manufacturers Name, Trademark, or Logo as it will appear on the product         Story Manufacturers Name, Trademark, or Logo as it will appear on the product         Story Manufacturers Name, Trademark, or Logo as it will appear on the product on whore high and the solon accelerator:         ISO 9001:2015 Certificate, Attachment A, Attachment B, Catalog Information and other Support         Documents:         Catal is monute intervent interven	lunavut	Yukon	Northwest Territories			
Plant Locations: Headquarters: 2800 Solon Road. Solon. Onlo 44139 USA (See Atachment A)  Plant Locations: Headquarters: 2800 Solon Road. Solon. Onlo 44139 USA (See Atachment A)  A Pipe fittings, including couplings, tess, elbows, Ys, plugs, unions, pipe caps, or reducers B Planges: all negations: Construction and these assemblies: all types Strainers, files:, separators, and advanting tages G Certified capacity-rated pressure galages, sight glasses, levels, or pressure G Certified capacity-rated pressure galages, sight glasses, levels, or pressure G Certified capacity-rated pressure galages, sight glasses, levels, or pressure Nuclear components: Class 1 = Class 2 □ Class 3 □. (Meeting CASC or ASME requirements) Show Manufacturers Name, Trademark, or Logo as it will appear on the product Show Manufacturers Name, Trademark, or Logo as it will appear on the product Show Manufacturers Name, Trademark, or Logo as it will appear on the product Show Manufacturers Name, Trademark, or Logo as it will appear on the product Show Manufacturers Name, Trademark, or Logo as it will appear on the product Show Manufacturers Name, Trademark, or Logo as it will appear on the product Show Manufacturers Name, Trademark, or Logo as it will appear on the product Show Manufacturers Name, Trademark, or Logo as it will appear on the product Show Manufacturers Name, Trademark, or Logo as it will appear on the product Show Manufacturers Name, Trademark, or Logo as it will appear on the product Show Manufacturers Name, Trademark, or Logo as it will appear on the product Show Manufacturers Name, Trademark, or Logo as it will appear on the product Show Manufacturers Name, Trademark, or Logo as it will appear on the product Show Manufacturers Name, Trademark, or Logo as it will appear on the product Show Manufacturers Name, Trademark, or Logo as it will appear on the product Show Manufacturers Name, Trademark, or Logo as it will appear on the product Show Contrade Name Name, Show Name Name, Name Name, Name, Name Name, Name, Name, Name, Name,						
Category of Fittings to be realistered. Circle one Category only       Title of the Standard of Construction         Properinting, including couplings, the scales, and non-assemblies: all types       Construction         Branges       Stanges       Construction         Massarding developing, the scale assemblies: all types       Stanges       ASME B31.1 for unlisted components         Category of Fittings constructions, and datem traps       Fitting of the scale assemblies: all types       ASME B31.1 for unlisted components         Category of resource vesses, pring and fusible puips       Fitting of the scale assemblies: all types       ASME B31.3 for unlisted components         Show Manufacturers Name, Trademark, or Logo as it will appear on the product       Fitting of Construction       Construction         Show Manufacturers Name, Trademark, or Logo as it will appear on the product       Fitting of Construction       Fitting of Construction         Store Social Cate of the actual items to be registered:       ISO 9001:2015 Certificate, Attachment A, Attachment B, Catalog Information and other Support         Documents.       Construction are inscribed as the manufacture of the scale of the prosecure inscribed are that the manufacture of the scale or in part and has bee are indicated as the product of costen wild deal attoring scale or in part and has bee are indicated as the product of costen manufacture of the scale or in part and has bee are indicated as the product of costen wild deal matching scale or in part and has bee are indicated ather the propose and in maned standard of construction occurs in			a second distance of a distance of the second se			
F Maaauing devices, including pressure galges, level gauges, sight glasses, levels, or pressure arrammitters G Certificat capacity-rated pressure relief devices acceptable as primary over pressure protection on bodiers, pressure vessels, pign and husble pugs H Pressure retaining components that do not tablinto one of the above categories Nuclear components: Class 12 Class 22 Class 23 Class 21 (Meeting CNS or ASME requirements) Nuclear components: Class 12 Class 22 Class 23 Class	Categ A Pipe fittings, inclu B Flanges: all flang C Valves: all line va D Expansion joints,	acry of Fittings to be reg uding couplings, tees, elbows, les alves , flexible connections, and hos	<u>ly</u> cers	Construction ASME B31.1 for unlisted components		
	<ul> <li>F Measuring device transmitters</li> <li>G Certified capacity boilers, pressure</li> <li>H Pressure retaining</li> </ul>	es, including pressure gauges -rated pressure relief devices vessels, piping and fusible plug components that do not fall	acceptable as primary over pressure ugs into one of the above categories	protection on		
ISO 9001:2015 Certificate, Attachment A, Attachment B, Catalog Information and other Support Documents.  Declaration:	Sv	nadelok		Forged Welded Wrought Cast Other Describe other:		
Los Federan Ves President. Engineering       (see note 3) employed by Swagelok Company       and being the person having full authority and responsibility for the quality of the end product do solernity declare that the information contained in this form is true to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature of theses, if this is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has bee verified by B <sup>ISI</sup> Signature of Declarer:	ISO 9001:20*					
Declared before me atS_2_C_HSTATE_OF_CHC	and responsibility my knowledge rep ratings, and identif fittings is regulated verified by BSI believing it to be tr Signature of Decla	for the quality of the end p presents the product for wh fication markings are in ac d by a Quality Control Prog rue, and knowing that it is arer:	roduct do solemnly declare that the ich registration is sought. The dir cordance with the herein named s gram which extends to each plant _ as being suitable for that purpos of the same force and effect as if n	e information co nensions, materi tandards. I furth where fabrication e and I make thi	Intained in this form is true to the best of ials of construction, pressure temperature her declare that the manufacture of these n occurs in whole or in part and has beer is solemn declaration conscientiously n.	
Affix Official seal to the right)       DEPT OF JUSTICE PUBLIC SAFETY         This space for Regulatory Authority use.       DEPT OF JUSTICE PUBLIC SAFETY         This registration must be revalidated after ten (10) years from the doutier extra transformer terms in the registration on the doutier extra transformer term the doutier extra transformer terms in the registered in the name of the Manufacturer.         1. All Fittings shall be registered in the name of the Manufacturer.       REGISTRATION ONLY         2. Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.       Mathematicaturer.         3. The Declaration shall be made by the person having full authority and responsibility for the quality of the end product.       Mathematicaturer.         4. Quality Control programs shall be resubmitted for validation.       Scope: Dielectric fittings. 15 plant locations. Material: 11/2016 A276 C Cond. S, A479 Str. Hard. Level2 316SS.         CRN expires July 11th, 2033 (DGallant)       BLRs       PVs	This <u>13</u> Commissioner of t	day of <u>MARCH</u> Oaths			Recorded In Lake County Certificate #2020-RE-813693 My Completion Expires	
FID#:       1214         Notes:	CRN: 0A246		This space for Pequilatory Auth	ority use. DEF ars from the dB101	LER & PRESSURE VESSEL ACT	
<ol> <li>Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.</li> <li>The Declaration shall be made by the person having full authority and responsibility for the quality of the end product.</li> <li>Quality Control programs shall be resubmitted for validation.</li> <li>Scope: Dielectric fittings. 15 plant locations. Material: 11/2016 A276 Cond.S, A479 Str.Hard. Level2 316SS.</li> <li>CRN expires July 11th, 2033 (DGallant)</li> </ol>			CF			
<ul> <li>3. The Declaration shall be made by the person having full authority and responsibility for the quality of the end product.</li> <li>4. Quality Control programs shall be resubmitted for validation.</li> <li>Scope: Dielectric fittings. 15 plant locations. Material: 11/2016 A276 Cond.S, A479 Str.Hard. Level2 316SS.</li> <li>CRN expires July 11th, 2033 (DGallant)</li> <li>CHIEF BOILER INSPECTOR DATE 1/28/28 Sect 1.0 - Pittings Rev.2</li> </ul>	<ol> <li>All Fittings shall</li> <li>Each Category</li> </ol>	shall be supported with two Statu			Ren aus	
Scope: Dielectric fittings. 15 plant locations. Material: 11/2016 A276 Cond.S, A479 Str.Hard. Level2 316SS. CRN expires July 11th, 2033 (DGallant)	3. The Declaration responsibility for	n shall be made by the person has or the quality of the end product.	DATE 7/28/23			
	Scope: Dielect	tric fittings. 15 plant loc 6 Cond.S. A479 Str.Ha	ations. Material: ard. Level2 316SS.	BLRs		
				FITTING		

1

# Attachment B. Scope of Registration for Swagelok Dielectric Fittings (Category A)

This document presents the scope of Swagelok Dielectric Fittings produced covered by this submission for CRN approval. These fittings have been evaluated in accordance with ASME B31.3-2022 and ASME B31.1-2022 for unlisted components.

## Summary Table

Product Description or Series	Material (Standard)	Port Connections and Sizes	Working Pres	Allowable ssure per ASME ASME B31.1 At Maximum Temperature	Design Code of Construction
Dielectric Fittings	316 Stainless Steel (ASTM A276,	Swagelok Tube Fitting 1/4 in., 3/8 in., 1/2 in., 6mm, 8mm, 10mm, 12mm	5000 psig* (344 bar)	5000 psig* (344 bar) at 200°F (93°C)	Unlisted Component in ASME B31.3 and ASME B31.1
	ASTM A276, condition S ASTM A479, strain-hardened level 2)	NPT, Male ¼ in.	5000 psig (344 bar)	5000 psig (344 bar) at 200°F (93°C)	

\*Swagelok tube fitting ends are rated to the working pressure of tubing as listed in MS-01-107, Swagelok Tubing Data, which may limit the working pressure of the dielectric fitting.

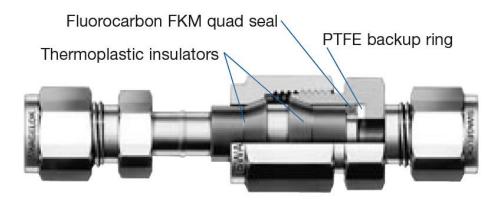
## Product Description

Dielectric fittings isolate monitoring instruments from the effects of electrical current. Installed on impulse lines ahead of monitoring stations in natural gas pipelines, the fittings interrupt cathodic current flow while permitting full fluid flow.

The Swagelok dielectric fitting design is unique in that it separates the two primary functions of electrical insulation and fluid containment. Thermoplastic insulators provide high dielectric strength over a wide range of operating and climatic conditions. A fluorocarbon FKM quad seal contained in the fitting provides the primary fluid seal. Metal components are machined from 316 stainless steel for use in rugged environments.

Swagelok Dielectric Fittings consist of at least one Swagelok Tube Fitting end – a proprietary twoferrule mechanical-grip design. The second end may be either a tube fitting or male tapered pipe thread end connection (NPT).

For dimensions refer to Swagelok catalog MS-02-36, Dielectric Fittings.





Date: 22-Mar-2023 Page 2 of 2

#### Product Options:

Options that do not affect pressure and/or temperature ratings may be made available within the scope of this approval. Examples of these would include the following:

- 1. Special marking
- 2. Special cleaning
- 3. Wire drills

#### **Quality System**

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

- Dielectric Fittings, MS-02-36, Rev E
- Swagelok Tubing Data Sheet, MS-01-107, Rev V