



**SOR-SG66, Rev. 0: VEGASWING 66 (Siemens LVL200H) Scope of Registration Summary**

Product Assembly Type	Fitting Design	Process Connection Description	Materials of Construction	Maximum Design Pressure (bar) and Temperature (°C)
VEGASWING 66 Compact Threaded	ASME B1.20.1	Male 1" NPT	UNS S31603, SA-479 (316L, 1.4404, 1.4435) UNS N06022, SB-574 (C22, 2.4602)	Up to 160 bar Maximum -196°C up to 450°C
	DIN 3852-A, G-Thread	Male G1	UNS N07718, SB-637, (Alloy 718, 2.4668)	
VEGASWING 66 Tube Extension Threaded	ASME B1.20.1	Male 1" NPT	UNS S31603, SA-312 (TP316L, 1.4404, 1.4401) UNS N06022, SB-574 (C22, 2.4602)	Up to 100 bar Maximum -196°C up to 450°C
	DIN 3852-A, G-Thread	Male G1	UNS N07718, SB-637, (Alloy 718, 2.4668)	
VEGASWING 66 Tube Extension Threaded	ASME B1.20.1	Male 1" NPT	UNS S31603, SA-479 (316L, 1.4404, 1.4435) UNS N06022, SB-626 (C22, 2.4602)	Up to 160 bar Maximum -196°C up to 450°C
	DIN 3852-A, G-Thread	Male G1	UNS N07718, SB-637, (Alloy 718, 2.4668)	
VEGASWING 66 Compact Flanged	ASME B16.5	NPS 1-½", 2", 2-½", 3", 3-1/2", 4", 6", 8" Type: RF, FF, RJF	UNS S31603, SA-479 (316L, 1.4404, 1.4435) UNS N06022, SB-574 (C22, 2.4602) UNS N07718, SB-637, (Alloy 718, 2.4668) Group 2.3, UNS S31603, SA-182 (F316L, 1.4404) Group 2.2, UNS S31600, SA-182 (F316, 1.4401) Group 3.8, UNS N06022, SB-462, (C22, 2.4602)	By Flange Class (150 to 2500) and Material De-rate to 160 bar Maximum -196°C up to 450°C
VEGASWING 66 Tube Extension Flanged			UNS S31603, SA-312 (TP316L, 1.4404, 1.4401) UNS N06022, SB-574 (C22, 2.4602) UNS N07718, SB-637, (Alloy 718, 2.4668) Group 2.3, UNS S31603, SA-182 (F316L, 1.4404) Group 2.2, UNS S31600, SA-182 (F316, 1.4401) Group 3.8, UNS N06022, SB-462, (C22, 2.4602)	By Flange Class (150 to 2500) and Material De-rate to 100 bar Maximum -196°C up to 450°C
VEGASWING 66 Tube Extension Flanged			UNS N06022, SB-626 (C22, 2.4602) UNS N07718, SB-637, (Alloy 718, 2.4668) UNS S31603, SA-312 (TP316L, 1.4404, 1.4401) Group 2.3, UNS S31603, SA-182 (F316L, 1.4404) Group 2.2, UNS S31600, SA-182 (F316, 1.4401) Group 3.8, UNS N06022, SB-462, (C22, 2.4602)	By Flange Class (150 to 2500) and Material De-rate to 160 bar Maximum -196°C up to 450°C

[1] NOTE : maximum pressure of VEGASWING 66 is limited by flange class and material, and shall not exceed 100 bar and 160 bar respectively at any time.

[2] NOTE :

- A. Flange standards according to ASME B16.5.
- B. ASME flange faces styles RF, FF and RJF.
- C. ASME flange sizes from 1-½ to 8 inch
- D. ASME flange classes: 150# thru 2500#.





---

I the undersigned hereby confirm that the above is accurate, correct and complete,

Approved by: BILL SHREVE

Title: LEAD ENGINEER

Signed: 

Date approved: 13 MAY 2015

# MANITOBA

DEPARTMENT OF LABOUR  
AND IMMIGRATION  
500 - 401 York Avenue  
Winnipeg, Manitoba R3C 0P8



## STATUTORY DECLARATION REGISTRATION OF FITTINGS

### (a) Design Qualification

I, Lee Dallman  
(See Note 2)

Director of Engineering

(Position e.g.: president, plant manager, chief eng.)

of VEGA Americas, Inc.  
(Name of company)

located at 4170 Rosslyn Drive, Cincinnati, Ohio 45209 USA  
(Plant Address)

do solemnly declare that the fittings listed hereunder, which are subject to the Boilers & Pressure Vessels Act,

comply with all the requirements of the ANSI/ASME codes as to their dimensions.

or

- are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with ASME B31.3 code or standard, and are designed to the best current engineering practice, as shown by the supporting test data.

### (b) Quality Control of Manufacture

I further declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of ISO 9001:2008, and has been verified by the following authority or authorized agency LRQA.

The fittings covered by this declaration, for which I seek registration, are F

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

SWING66 Vibration Switch, 1" NPT, G1, Class 150 to 2500, 1.5" to 8"; Scope summary: SR-SG66-REV0

Declared before me at \_\_\_\_\_ in the province/state of Ohio the \_\_\_\_\_

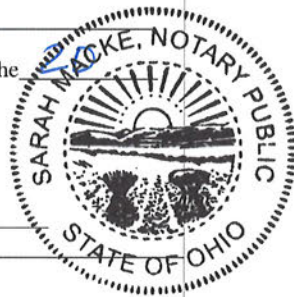
day of May AD 20 15

A (commissioner for oaths)

Sarah Macke

**SARAH MACKE**  
Notary Public, State of Ohio  
My Commission Expires 03-19-2020

Signature of Declarer



### (For Official Use Only)

The application is accepted for registration in Category "F" in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51.

This registration must be revalidated after ten (10) years from the date of acceptance.

2025/01/09

Registered Number CRN 0F2814.74 For the Chief Inspector

Ralie Hoxb

Date: 2015/09/04

### Notes:

- (1) This form shall be completed and signed by the president or highest official in the manufacturing plant where the fitting is produced.
- (2) Two completed copies of Statutory Declaration form together with two copies of Catalogs, drawings or Bulletins illustrating above fittings shall be submitted.
- (3) All fittings are required to be registered in the name of the Manufacturer.



# MANITOBA

DEPARTMENT OF LABOUR  
AND IMMIGRATION  
500 - 401 York Avenue  
Winnipeg, Manitoba R3C 0P8



## STATUTORY DECLARATION REGISTRATION OF FITTINGS

### (a) Design Qualification

I. Bernhard Storz  
(See Note 2)

QA Manager

(Position e.g.: president, plant manager, chief eng.)

of VEGA Grieshaber KG

(Name of company)

located at D-77761 Schiltach, AM Hohenstein 113

(Plant Address)

do solemnly declare that the fittings listed hereunder, which are subject to the Boilers & Pressure Vessels Act,

comply with all the requirements of the ANSI/ASME codes as to their dimensions.

or

- are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with ASME B31.3 code or standard, and are designed to the best current engineering practice, as shown by the supporting test data.

### (b) Quality Control of Manufacture

I further declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of ISO 9001:2008, and has been verified by the following authority or authorized agency DEKRA Certification GmbH.

The fittings covered by this declaration, for which I seek registration, are F

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

SWING66 Vibration Switch, 1" NPT, G1, Class 150 to 2500, 1.5" to 8"; Scope summary: SR-SG66-REV0

Declared before me at Schiltach in the province/state of BW of Germany the 15

day of April AD 2015

A (commissioner for oaths)

WUR 126 115



[Signature]

Signature of Declarer

### (For Official Use Only)

The application is accepted for registration in Category "F" in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51.

This registration must be revalidated after ten (10) years from the date of acceptance.

Jan 9, 2025

Registered Number CRN ØF2814.74 For the Chief Inspector

Ratle Hart

Date: 2015/09/04

### Notes:

- (1) This form shall be completed and signed by the president or highest official in the manufacturing plant where the fitting is produced.
- (2) Two completed copies of Statutory Declaration form together with two copies of Catalogs, drawings or Bulletins illustrating above fittings shall be submitted.
- (3) All fittings are required to be registered in the name of the Manufacturer.