



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



TECHNICAL STANDARDS &
SAFETY AUTHORITY
14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario
Canada M8X 2X4



STATUTORY DECLARATION Registration of Fittings

I, Lee Dallman Director of Engineering
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of VEGA Americas, Inc.
(Name of Manufacturer)

Located at 4170 Rosslyn Drive, Cincinnati, Ohio 45209 USA +1-513-272-0524 +1-513-272-4390
(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

(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 ASME B31.3 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 9001:2008 which has been verified by the following authority, LRQA.

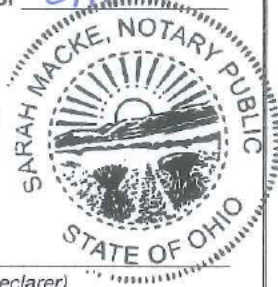
The items covered by this declaration, for which I seek registration, are category F type fittings. In support of this application, the following information and/or test data are attached as follows:
SWING66 Vibration Switch, 1" NPT, G1, Class 150 to 2500, 1.5" to 8"; Scope summary: SR-SG66-REV0

Declared before me at _____ in the state of Ohio

the 20 day of May AD 20 15.

Commissioner for Oaths:
Sarah Macke
(Printed name)
Sarah Macke
(Signature)

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



[Signature]
(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 F.

CRN: OF 2814.75ADD1
Registered by: Ruiming Jia
Dated: July 6, 2015
NOTE: This registration expires on Jan 9, 2025

REGISTERED

CRN: OF 2814.75ADD1
Signed: [Signature]
Date: July 6, 2015



TECHNICAL STANDARDS &
SAFETY AUTHORITY
14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario
Canada M8X 2X4



STATUTORY DECLARATION Registration of Fittings

I, Bernhard Storz QA Manager
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of VEGA Grieshaber KG
(Name of Manufacturer)

Located at D-77761 Schiltach, AM Hohenstein 113 +49 7836 50-147 +49 7836 50-8147
(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

(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 ASME B31.3 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 9001:2008 which has been verified by the following authority, DEKRA Certification GmbH

The items covered by this declaration, for which I seek registration, are category F type fittings. In support of this application, the following information and/or test data are attached as follows:

SWING66 Vibration Switch, 1" NPT, G1, Class 150 to 2500, 1.5" to 8"; Scope summary: SR-SG66-REV0
(drawings, calculations, test reports, etc.)

Declared before me at Schiltach in the BW of Germany

the 22 day of April AD 2015

Commissioner for Oaths:

Visches
(Printed name)
[Signature]
(Signature)



[Signature]
(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 F.

CRN: OF 2814.75 ADD1

Registered by: Ruiming You

Dated: July 6, 2015

NOTE: This registration expires on Jan 9, 2025

REGISTERED

CRN: OF 2814.75 ADD1

Signed: [Signature]

Date: July 6, 2015