

REGISTRATION OF A PRESSURE FITTING DESIGN

March 13, 2024

6870830 Canada Inc o/a Titan Research Group
1920 Yonge Street
Suite 200
Toronto, ON
Canada
M4S 3E2

Attention: Rob McGregor

File Number: 100537

Re: Manufacturer: VEGA Grieshaber KG

Item: VEGA Pressure Transmitters

Catalog or Drawing: SOR-VEGADIF85-REVO

TSASK Codes and Standards Compliance has registered the design listed above in accordance with The Boiler and Pressure Vessel Act and Regulations and CSA B51. The Canadian Registration Number (CRN) is:

0F3026.3

Expiry Date: 2034-03-13

Please note that every fitting shall be constructed in strict accordance with the registered design.

Fitting registrations are required to be resubmitted for validation after ten (10) years from the registration date in accordance with CSA B51, Clause 4.2.1.

Should you require anything further, please do not hesitate to contact the Codes and Standards Compliance Office at your convenience.

Yours truly,



Williams Uju, P.Eng.

Codes and Standards Compliance

Remarks:

A valid quality control program must be maintained at the production facility for the fitting registration to remain valid until the expiry date.


Statutory Declaration (Registration of Fittings)

TSK-1008

I. Declaration Information

I, Holger Sack
Head of Product Compliance & Safety
(company title, e.g. vice president, plant manager, chief engineer)
 (must be in a position of authority in the manufacturing plant where the fitting is produced)
 of: VEGA Grieshaber KG
(name of manufacturer)

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.



located at: Am Hohenstein 113 Schiltach, Germany 77761
(Plant Address – Apt/Street) (City,Prov) (Postal Code)

do solemnly declare that the fittings listed hereinunder, which are subject to the **Saskatchewan Boiler and Pressure Vessel Act** (check one)

Comply with the requirements of _____ which specifies the dimensions,
(title of recognized North American Standard)
 Materials of construction, pressure / temperature ratings and identification marking of the fittings, or

Are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with ASME B31.3 - 2022 as supported by the attached data which identifies the dimensions, materials of construction, pressure / temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacturer of these fittings is controlled by a quality control program which has been verified by the following authority, DEKRA as being suitable for the manufacturer of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are Category F measurement devices

In support of this application, the following information, calculations and / or test data are attached:
 Scope of Registration Summary: SOR-VEGADIF85-REV0

II. Declaration

DECLARED before me at Mason In the state of Ohio
 this 31 day of January, 2024
Donald R. Jackson _____
(print name) (Signature)

(Signature of Commissioner of Oaths)

III. Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the **Boiler and Pressure Vessel Act** and CSA B51, Clause 4.2, and is accepted for registration in Category _____

(Registration Number) (Date Registered – MM DD YYYY) (Expiry Date – MM DD YYYY)
(For the Chief Inspector)



Donald R. Jackson
 Notary Public
 In and for the State of Ohio
 My Commission Expires
5/7/2024

SOR-DIF85-REV0: Scope of Registration Summary VEGADIF 85 with CSS/CSB and VEGABAR 81

Product Assembly Type	Process Connection Description	Example Materials of Construction*	Maximum Design Pressure (bar)	Temperature (°C)
VEGADIF 85 [REDACTED]	NPT 1/4-18	Process connection: 316L, Alloy C276 (2.4819), Superduplex (1.4410) Membrane: 316L, Alloy C276 (2.4819), 316L + 6µ Gold	up to 160 bar (all measuring ranges) 400 bar (only for measuring range 500 mbar, 3bar and 16 bar)	-40 ... +105 °C

Product Assembly Type	Process Connection Description	Example Materials of Construction*	Maximum Design Pressure (bar)	Temperature (°C)
VEGADIF 85 [REDACTED] with CSS	Flanges as per CRN	Process connection: 316L, Alloy C276 (2.4819) Membrane: 316L, Alloy C276 (2.4819), Tantal, Inconell 600	up to 100 bar	-40 ... +400 °C

**SOR-DIF85-REV0: Scope of Registration Summary VEGADIF 85 with CSS/CSB
and VEGABAR 81**

Product Assembly Type	Process Connection Description	Example Materials of Construction*	Maximum Design Pressure (bar)	Temperature (°C)
VEGADIF 85 with CSB	Flanges and capillaries as per CRN	Process connection: 316L, Alloy C276 (2.4819), Duplex (1.4462) Membrane: 316L, Alloy C276 (2.4819), Duplex (1.4462), Tantal, Inconell 600	up to 160 bar	-40 ... +400 °C

Product Assembly Type	Process Connection Description	Example Materials of Construction*	Maximum Design Pressure (bar)	Temperature (°C)
VEGABAR 81	Flanges as per CRN	316L, Alloy C276 (2.4819), Tantal, Gold, Nickel, 316Ti	up to +1000 bar	-90 ... +400 °C

VEGA

**SOR-DIF85-REV0: Scope of Registration Summary VEGADIF 85 with CSS/CSB
and VEGABAR 81**

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

Approved by: Matthias Kunz
Title: Product Safety Engineer

Date: March 14, 2024

Signed:

