



Technical Standards and Safety Authority
 345 Carlingview Drive
 Toronto, Ontario M9W 6N9
 www.tssa.org



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 4241 Allendorf Drive, 4170 & 4141 Rosslyn Drive, Cincinnati, Ohio 45209 +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 9001:2015 which has been verified by the following authority, Eagle Registrations.

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:

VEGABAR pressure transmitters per Scope of Registration summary SOR-VB1x2x3x-REV0
 (drawings, calculations, test reports, etc.)

Declared before me at VEGA Americas in the State of Ohio
 the 19 day of December AD 2018.

Commissioner for Oaths:
Donald R Jackson
 (Printed name)
Donald R Jackson
 (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: 0F22403.5

Registered by: Charley Dong

Dated: May 7 2020

NOTE: This registration expires on: May 7, 2030

Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety Program

REGISTERED

C.R.N.: 0F22403.5

Signed: Charley Dong

Date: July 21, 2020.

In and for the State of Ohio
 My Commission Expires
 1/22/2019



VEGA Americas Incorporated
4170 Rosslyn Drive, Cincinnati, OH 45209, USA

THIS IS PART OF CRN

0F22403.5

Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety
Program

Scope for these 3 pages
Charley Dong , May 7,2020

SOR-VB1x2x3x, Rev. 0, VEGABAR 18, 19, 28, 29, 38 and 39 Scope of Registration Summary

Product Assembly Type	Fitting Design	Fitting Description	Materials of Construction	Maximum Design Pressure (bar) and Temperature (°C)
VEGABAR 18 (Mini-CERTEC Cell)	ASME B1.20.1 NPT Thread	LF-1/2" MNPT x 1/4" FNPT	UNS S31603, SA-479 (316L, 1.4404, 1.4435)	Up to 25 bar Maximum -40°C up to 100°C
	EN837	DU- G1/2 with Manometer Connection		Up to 25 bar Maximum -40°C up to 100°C
	ISO228-1	DN- G1/2 External x G1/4 Internal		Up to 25 bar Maximum -40°C up to 100°C
VEGABAR 19 (Metallic Cell)	ASME B1.20.1 NPT Thread	LF-1/2" MNPT x 1/4" FNPT	UNS S31603, SA-479 (316L, 1.4404, 1.4435)	Up to 100 bar Maximum -40°C up to 100°C
	ISO228-1	DN- G1/2 External x G1/4 Internal		Up to 100 bar Maximum -40°C up to 100°C
	EN837	DU- G1/2 with Manometer Connection		Up to 100 bar Maximum -40°C up to 100°C
VEGABAR 28/38 (Mini-CERTEC Cell)	ASME B1.20.1 NPT Thread	T1-1/4" MNPT, DS-1" MNPT, C9- 1-1/2" MNPT LF-1/2" MNPT x 1/4" FNPT	UNS 31600/31603, SA-479 (316/316L, 1.4401/1.4404)	Up to 60 bar Maximum -40° C up to 130° C
	EN837	Manometer Connections TS- G1/4, DU- G1/2, C2- M20x1.5	UNS 31600/31603, SA-479 (316/316L, 1.4401/1.4404)	
	ISO228-1	C3- G1/4, CS- G1/2, DH- G1 Cone 40° DN- G1/2 External x G1/4 Internal	UNS 31600/31603, SA-479 (316/316L, 1.4401/1.4404)	
		CS- G1/2, Z9- G1x18 mm	UNS 31803 ASTM 182 Gr. F51	
	ISO228-1	DQ- G1/2 External x G1/4 Internal	SOLEF 6010 PVDF	



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Product Assembly Type	Fitting Design	Fitting Description	Materials of Construction	Maximum Design Pressure (bar) and Temperature (°C)
VEGABAR 28/38 (Mini-CERTEC Cell)	DIN3852-E	N9- G3/4, DA- G1-1/2	UNS 31600/31603, SA-479 (316/316L, 1.4401/1.4404)	Up to 60 bar Maximum -40° C up to 130° C
	DIN13	AL- M30×1.5	UNS 31600/31603, SA-479 (316/316L, 1.4401/1.4404)	
	ASME BPE ISO 2852 DIN 32676	AV, AT- Sanitary: 1", 1-1/2"	UNS 31600/31603, SA-479 (316/316L, 1.4401/1.4404)	Up to 40 bar Maximum -40°C up to 130°C
		VD, AR- Sanitary: 3/4", 2"	UNS 31600/31603, SA-479 (316/316L, 1.4401/1.4404)	Up to 25 bar Maximum -40°C up to 130°C
	DIN 11851 DIN 11864-1	E2, EZ- Bundstetzen DN40 E5, U5- Bundstetzen DN25	UNS 31600/31603, SA-479 (316/316L, 1.4401/1.4404)	Up to 40 bar Maximum -40°C up to 130°C
	Specialty	FC- SMS DN25PN6 FA- SMS DN38PN6 FB- SMS DN51PN6	UNS 31600/31603, SA-479 (316/316L, 1.4401/1.4404)	Up to 6 bar Maximum -40°C up to 130°C
		FS- Varivent DN25 FR- Varivent DN32-125	UNS 31600/31603, SA-479 (316/316L, 1.4401/1.4404)	Up to 25 bar Maximum -40°C up to 130°C
		E7- Ingold	UNS 31600/31603, SA-479 (316/316L, 1.4401/1.4404)	Up to 10 bar Maximum -40°C up to 130°C
VEGABAR 29/39 (Metallic Cell)	ASME B1.20.1 NPT Thread	LY- 1/2" NPT, TI- 1/4" NPT	UNS 31600/31603, SA-479 (316/316L, 1.4401/1.4404)	Up to 720 bar Maximum -40° C up to 130° C
	EN837	DU- G1/2	UNS 31600/31603, SA-479 (316/316L, 1.4401/1.4404)	
	ASME B1.20.1 NPT Thread	TI- 1/4" MNPT, DS-1"MNPT, C9- 1-1/2"MNPT, LF-1/2"MNPT x 1/4"FNPT	UNS 31600/31603, SA-479 (316/316L, 1.4401/1.4404)	Up to 120 bar Maximum -40° C up to 130° C
	EN837	manometer connections DU- G1/2, TJ- G1/4, C2- M20 x1.5	UNS 31600/31603, SA-479 (316/316L, 1.4401/1.4404)	



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Product Assembly Type	Fitting Design	Fitting Description	Materials of Construction	Maximum Design Pressure (bar) and Temperature (°C)
VEGABAR 29/39 (Metallic Cell)	ISO 228-1	3P&LU-G1/2 (Front Flush), C5&3Q-G1, YK- M24×1.5, DN- G1/2 Ext. x G1/4 Int.	UNS 31600/31603, SA-479 (316/316L, 1.4401/1.4404)	Up to 120 bar Maximum -40° C up to 130° C
	DIN3852, ISO228-1	DH- G1 40° Cone	UNS31603, ASTM A479, (316L, 1.4435)	Up to 12 bar Maximum -40° C up to 130° C
	EN837	TJ-G1/4	UNS31635, ASTM A182 (316TI, 1.4574/1.4548)	Up to 1200 bar maximum -40° C up to 130° C
	DIN3852-E	N9- G3/4, DA- G1-1/2	UNS 31600/31603, SA-479 (316/316L, 1.4401/1.4404)	Up to 120 bar Maximum -40° C up to 130° C
	ASME BPE, ISO 2852, DIN 32676	Sanitary: AV- 1", AT- 1-1/2"	UNS 31600/31603, SA-479 (316/316L, 1.4401/1.4404)	Up to 40 bar Maximum -40° C up to 130° C
	ASME BPE, ISO 2852, DIN 32676, DIN 11851, DIN 11864-1	Sanitary: AR- 2"	UNS 31600/31603, SA-479 (316/316L, 1.4401/1.4404)	Up to 25 bar Maximum -40° C up to 130° C
		E2&EZ- Bundstetzen DN40PN40 E5&U5- Bundstetzen DN25PN40	UNS 31600/31603, SA-479 (316/316L, 1.4401/1.4404)	Up to 40 bar Maximum -40° C up to 130° C
	Specialty	FC- SMS DN25PN6 FA- SMS DN38PN6 FB- SMS DN51PN6	UNS 31600/31603, SA-479 (316/316L, 1.4401/1.4404)	Up to 6 bar Maximum -40° C up to 130° C
	Specialty	FS- Varivent F25PN25 FR- Varivent N50-40PN25	UNS 31600/31603, SA-479 (316/316L, 1.4401/1.4404)	Up to 25 bar Maximum -40° C up to 130° C
		E7- Ingold	UNS 31600/31603, SA-479 (316/316L, 1.4401/1.4404)	Up to 10 bar Maximum -40° C up to 130° C

Approved by: Carrie Grieshop

Title: Senior Mechanical Designer

Signed: Carrie Grieshop

Date approved: 01/10/2020