

ATTN: TITAN RESEARCH GROUP -
6870830 CANADA INC DBA TITAN RESEARCH GROUP
#200 1920 YONGE STREET
TORONTO ON M4S 3E6

Date: 14-Dec-2025
TSBC Account #: 069359
TSBC Admin Number: 117124
Canadian Registration Number: 0F8009.1

Re: Application for Design Registration

The design, as detailed in your Design Portal application VEGAPOINT 11/21/23/31 for a Pressure Fitting is registered with the following notes and considerations:

Registered To: VEGA Grieshaber KG
Project Name: VEGAPOINT 11/21/23/31
Drawing #: SOR-VP1x2x
Drawing Revision: 2

Conditions of Registration:

- (1) This registration covers Vegapoint Level Switch 11 [REDACTED] 21, 23, 31 constructed to ASME B31.3-2020 per submitted drawings.
- (2) This design is registered based on the Qualified Professional Declaration of Compliance under the seal of Rob McGregor, P. Eng (PEO, License # 100075222), which stipulates that the Professional Engineer (a) has reviewed this design, (b) is satisfied that it is in compliance with identified technical Codes and Standards, and (c) has accepted responsibility for the design.
- (3) Fitting Registration Expiry Date: 14-Dec-2035
- (2) The registration is valid until the indicated expiry date only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date. Should the approval of quality management system lapse before the expiry date indicated above, this registration shall become void.

Full details of this submission including the scope of registration, design conditions, fabrication details, and calculations pertaining to this design are located in the above Admin Number on the Design Portal. For all other enquiries, please contact eim@technicalsaftybc.ca.

The Engineering Information Management Team



SOR-VP1x2x-Rev. 2. VEGAPOINT Level Switch 11 [REDACTED] 21, 23, 31
Scope of Registration Summary

Product Assembly Type	Maximum Design Pressure (bar) and Temperature (°C)	Fitting Description	Materials of Construction	Code of Construction
VEGAPOINT 11 [REDACTED]	Up to 64 bar Maximum -20 °C up to 100 °C	(G1/2, G3/4, G1) ⁴⁾ M24 x 1.5 ²⁾ (1/2 NPT, 3/4 NPT, 1 NPT) ⁴⁾ Hygienic adapter ³⁾		
VEGAPOINT 21	Up to 64 bar Maximum -40 °C up to 115 °C		ASTM A276 316/316L (UNS S31600 / S31603)	
VEGAPOINT 23	Up to 64 bar Maximum Tube extension < 250 mm -40 °C up to 115 °C Tube extension ≥ 250 mm -40 °C up to 80 °C	(G1/2, G3/4, G1) ¹⁾ M24 x 1.5 ²⁾ (1/2 NPT, 3/4 NPT, 1 NPT) ⁴⁾ Clamp (1", 1 1/2") ²⁾ , 2" ¹⁾ Collar socket ³⁾ Hygienic adapter ³⁾	ASTM A479 316/316L (UNS S31600 / S31603) ASTM A182 F316/316L	ASME B31.3 - 2020
VEGAPOINT 31	Up to 64 bar Maximum -40 °C up to 115 °C			

Footnotes: ¹⁾ max. 16 bar, ²⁾ max. 25 bar, ³⁾ max. 40 bar, ⁴⁾ max. 64 bar

Approved by: Matthias Kunz

Title: Product Safety Engineer

Signed by: 

Date approved: December 9, 2025