



December 30, 2024

TITAN RESEARCH GROUP (6870830 Canada Inc)  
1920 Yonge Street Suite 200  
Toronto, ON M4S 3E2

**Dear Rob McGregor,**

**Re: Reciprocal CRN Registration in Manitoba**

As indicated by the Regulatory Reconciliation and Cooperation Table and the Reconciliation Agreement for the Canadian Registration Number (CRN) for Pressure Equipment, the design reviews conducted and accepted by the Canadian province or territory, or their delegated safety authority, will be mutually recognized in the Province of Manitoba. If a registration is conditionally based on compliance with the notes set by the original issuing Jurisdiction, such compliance shall be applied the same to this Province.

Your submission has been registered, as follows:

File Number: 74-R4654  
CRN: 0F3026.34  
Scope: Scope of Registration Summary: SOR-VEGAADIF85-REV0  
Manufacturer: VEGA Grieshaber KG  
Expiry Date: 13 March 2034

Along with this letter is the invoice for registration.

In addition, every Pressure Vessel, Boiler, and Heat Exchanger shall be stamped with the registration number and as required by CSA Code B51, a Manufacturer's Data Report (MDR) must be forwarded to this office immediately at the time a unit is shipped to Manitoba. Send your MDR to [gasupport@gov.mb.ca](mailto:gasupport@gov.mb.ca). In your subject line, indicate "*Manufacturer's Data Report-CRN No.*" A fee shall be billed to the Manufacturer to process data reports in accordance with the Steam and Pressure Plants Regulation section 17.1.

Please contact [gasupport@gov.mb.ca](mailto:gasupport@gov.mb.ca) for any questions or concerns.

**Inspection and Technical Services**

Labour and Immigration  
508 – 401 York Avenue, Winnipeg, MB R3C 0P8  
T (204) 945-3373 | F (204) 948-2089

## 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 ¼-18	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**

<b>Product Assembly Type</b>	<b>Process Connection Description</b>	<b>Example Materials of Construction*</b>	<b>Maximum Design Pressure (bar)</b>	<b>Temperature (°C)</b>
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

<b>Product Assembly Type</b>	<b>Process Connection Description</b>	<b>Example Materials of Construction*</b>	<b>Maximum Design Pressure (bar)</b>	<b>Temperature (°C)</b>
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:

