

ATTN: TITAN RESEARCH GROUP
TITAN RESEARCH GROUP
#200 1920 YONGE STREET
TORONTO ON M4S 3E6

Date: 06-Dec-2023
TSBC Account #: 069359
TSBC Admin Number: 102759
Canadian Registration Number: 0C02305.321

Re: Application for Design Registration

The design, as detailed in your Design Portal application Omal VIP EVO Pneumatic Valves for a Pressure Fitting is registered with the following notes and considerations:

Registered To:	Omni S.p.A.
Project Name:	Omni VIP EVO Pneumatic Valves
Drawing #:	SOR-OM
Drawing Revision:	0

Conditions of Registration:

(1) Fitting Registration Expiry Date: 03-Oct-2033 (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.

Reviewer's Notes:

Any additional conditions and considerations from the initial province of registration shall apply to this BC registration.

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

October 24, 2023

Attention: Rob McGregor
TITAN RESEARCH GROUP
1920 YONGE STREET 2ND FLOOR
TORONTO, ON M4S 3E2

The design submission, Tracking Number 2023-06182, Web Portal Number 2023-S4063, originally received on October 10, 2023 was surveyed and accepted for registration as follows:

CRN : 0C02305.32 **Accepted on:** October 24, 2023
Reg Type: NEW DESIGN **Expiry Date:** October 03, 2033
Drawing No. : SOR-OM Rev 0 As Noted
Fitting type: VIP EVO Pneumatic Valve
Design registered in the name of : OMAL S.P.A.

Description	MAWP	Design Temperature
As Per registered Drawing		

The registration is conditional on your compliance with the following notes:

As indicated on AB-41 Statutory Declaration or AB-351 Declaration of Conformity form and submitted documentation, the code of construction is ASME B31.3.

- It is our understanding that the fitting(s), included as the scope of this submission, that is(are) subject to the Safety Codes Act shall comply with the requirements of the indicated Standard or Code of Construction on the AB-41 Statutory Declaration or AB-351 Declaration of Conformity as supported by the attached data which identifies the dimensions, materials of construction, press./temp. ratings and the basis for such ratings, and the identification marking of the fittings.

- This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration or AB-351 Declaration of Conformity form.

- This registration is valid only until the indicated expiry date and only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency, and maintains a valid Certification of Authorization Permit if required by the jurisdiction where manufacturing takes place, until that date.

- Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3362 or fax (780) 437-7787 or e-mail Blair@absa.ca.

Sincerely,



BLAIR, JODY, P. Eng.
DOP Cert. No. D00010552

REGISTRATION OF A PRESSURE FITTING DESIGN

03-Oct-23

Titan Research Group
1920 Yonge Street
Toronto, Ontario
M4S 3E2

Attention: Rob McGregor

File Number: 13820 [0 F]

Re: Manufacturer: Omal S.p.A.
Item: VIP EVO Pneumatic Valve
Catalog or Drawing: SOR-OM Rev. 0

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:

0C2305.3 Expiry Date: October 03, 2033

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.



March 16, 2024

TITAN RESEARCH GROUP (6870830 Canada Inc)
1920 Yonge Street 2nd Floor
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-R3911
CRN: 0C2305.34
Scope: SOR-OM Rev. 0
Manufacturer: Omal S.p.A.
Expiry Date: 3 October 2033

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. 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 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



345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel.: 416.734.3300
Fax: 416.231.1626
Toll Free: 1.877.682.8772

www.tssa.org

February 20, 2024

TITAN RESEARCH GROUP
1920 YONGE ST 2ND FLR
TORONTO ON M4S 3E2

Workorder Type: Registration - Fitting(Conventional)
Workorder No: 14162876
Your Reference No.: OMAL VIP EVO PNEUMATIC VALVES
Registered to: OMAL S.P.A.

Dear ROB MCGREGOR,

Technical Standards and Safety Authority (TSSA) is pleased to inform you that your submission has been reviewed and registered as follows:

CRN : 0C2305.35
Main Design No.: SOR-OM-REV0
Expiry Date: Oct 03, 2033

Please be advised that a valid quality control system must be maintained for the fitting registration to remain valid until the expiry date.

NOTE: Design registration completed under interprovincial agreement with jurisdictional check only.

The stamped copy of the approved registration and the invoice are mailed separately (There will be no hard copies for electronic submissions). Should you have any questions or require further assistance, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Ayesha Chowdhury P.Eng, MASc, PMP
Engineer, BPV
Tel. : +1 437-317-7183
Email : achowdhury@tssa.org

Montréal, le 22 février 2024.

ROB MCGREGOR
TITAN RESEARCH GROUP
1920 YONGE STREET SUITE 200
TORONTO ONTARIO
CANADA M4S 3E2

Manufacturer : OMAL S.P.A.
11 VIA POINTE NUOVO
RODENGO SAIANO BS
ITALIA 25050

OUR REFERENCE : 944934
Design number : Scope of registration SOR-OM Rev 0.

Subject: Design registration confirmation

Hi,

We wish to inform you that your design registration application has been evaluated and that it was registered under the following Canadian Registration Number (CRN): **0C02305.36**.

The following is a reminder of your obligations regarding certain requirements of the regulation respecting pressure vessels, and the referenced codes and standards:

- The manufacturer must maintain a valid quality control program to manufacture equipment according to the CRN.
- The CRN remains valid as long as there are no changes to the design calculations that might affect the pressure boundary. The design registration of fittings expires 10 years after acceptance. It must, therefore, be resubmitted for validation.
- The manufacturer shall submit a copy of the *Manufacturer's Data Report* to us for each boiler or pressure vessel manufactured according to this CRN within 30 days following the signing of this report.
- The drawing number and the revision number registered under this CRN must be indicated on the *Manufacturer's Data Report* for equipment manufactured according to the CRN.

This notice of approval does not relieve the manufacturer of their responsibilities with respect to the design or fabrication of equipment manufactured according to this CRN.

Yours sincerely,

Bureau d'expertise et d'homologation en équipements sous pression

Montréal

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Montréal (Québec) H2M 1L5
Téléphone : 514 873-2546
Sans frais : 1 866 262-2084
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