

Montréal, 4 octobre 2022.

MADAME KRISTINE TREPANIER
ABSA
9410 - 20 AVENUE
EDMONTON AB
CANADA T6N 0A4

Fabricant : VALVTECHNOLOGIES INC
5904 BINGLE ROAD
HOUSTON TX
USA 77092

Numéro de dossier : 947250
Numéro(s) de dessin(s) : AS PER SCOPE OF REGISTRATION

Objet : Enregistrement des plans et devis – Confirmation de l'enregistrement

Bonjour,

Nous vous informons que votre demande d'enregistrement de plans et devis a été traitée et que cette conception a été enregistrée sous le numéro d'enregistrement canadien (NEC\CRN) suivant : **0C02804.26**.

Nous portons votre attention sur certaines exigences réglementaires concernant les installations sous pression, ainsi que des codes et normes qui y sont associés :

- Le fabricant doit maintenir un programme de contrôle de la qualité valide pour fabriquer un équipement selon ce NEC;
- Ce numéro d'enregistrement demeure valide tant et aussi longtemps que les paramètres de conception demeurent inchangés. Dans le cas d'accessoires, l'enregistrement est valide pour une durée de 10 ans à partir de la date de conception doivent alors être resoumis pour validation;
- Le fabricant doit nous transmettre une copie de la *Déclaration de conformité du constructeur (Manufacturer's Data Report)* pour chaque appareil ou chaudière fabriqué selon ce NEC dans les 30 jours suivant la signature de cette déclaration;
- Le numéro de dessin enregistré et le numéro de révision doivent être indiqués sur la déclaration de conformité pour les équipements fabriqués selon ce NEC.

Le présent avis d'approbation ne dégage pas le fabricant de ses responsabilités quant à la conception ou à la construction des équipements ou d'accessoires fabriqués selon un NEC.

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

Montréal

545, boul. Crémazie Est, 7ième étage

Montréal (Québec) H2M 2V2

Téléphone : 514 873-6459

Sans frais : 1 866 262-2084

www.rbq.gouv.qc.ca

Montréal, le 4 octobre 2022.

MRS. KRISTINE TREPANIER
ABSA
9410 - 20 AVENUE
EDMONTON AB
CANADA T6N 0A4

Manufacturer : VALVTECHNOLOGIES INC
5904 BINGLE ROAD
HOUSTON TX
USA 77092

OUR REFERENCE : 947250
Design number : AS PER SCOPE OF REGISTRATION

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): **0C02804.26.**

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 equipment 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

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Statutory Declaration Registration of Fittings

Building Act (B-1.1)
Regulation respecting pressure vessels (B-1.1, r. 6.1)
Boiler, pressure vessel, and pressure piping code (CSA B51)

This declaration must be filled out and sent to the Régie du bâtiment du Québec (RBQ) by pressure fitting manufacturers when they make an application registration for fittings.

For more information on the application registration for fittings, consult the www.rbq.gouv.qc.ca/fittings-pv.

1. Fittings to register

List the fittings included in this declaration and that you wish to register.

N°	Description	Additional information (detail, calculations or approval sheets)
1	V1-1, V1-2, V1-3, V1-4	Drawing 210975-001, VSeries 12_300_Calculation, brochure
2	PSG (IsoTech)	Product Brochure
3	Xactrol	Product Brochure
4		
5		

2. Declaration of the person in charge

The person in charge is someone in a position of authority, such as a vice-president, a plant manager or a chief engineer.

2.1 Design

I, the undersigned, Vicky Stubblefield Vice President
(Name of the person in charge) (Title of the person in charge)

from ValvTechnologies, located at 5904 Bingle Road, Houston, Texas 77092
(Company's name) (Plant's address)

hereby declare that the above-mentioned fittings and subject to the Regulation respecting pressure installations:

☒ comply with the requirements of the ANSI/ASME codes as to their dimensions, identification, material and purpose
or
☐ are not covered by the ANSI/ASME codes, but are in compliance with _____
(Name of code or standard)

code or standard and are designed according to the best current engineering practice, as proven by the enclosed approval report.

2.2 Manufacturing quality control

I further declare that the manufacture of these fittings is controlled by a quality control program that complies with the requirements of the following code: ISO 9001:2015, and has been verified by DNV GL
(Name of code) (Authorized agency)

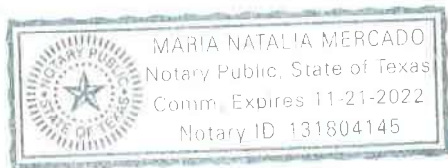
Signature of the person in charge: Date (yyyy-mm-dd): 2022.08.26

3. Declaration of commissioner for oaths

I certify that this declaration has been administered before me, at 5904 Bingle Rd, Houston, on 2022-08-26.
(Location) (Date (yyyy-mm-dd)):

Signature of commissioner for oaths: Maria Natalia Mercado Date (yyyy-mm-dd): 2022-11-21

Stamp the seal:



4. Registration confirmation (for RBQ's use only)

As far as I know, this application complies with the requirements of the Act and with standard CSA B51, Part 1, section 4.2, and is accepted for registration in the class _____.

This registration expires in ten (10) years after the date of registration indicated above, and it must be validated again after this period.

Canadian registration number (CRN):

Registration date (yyyy-mm-dd):



Documents to attach

Any application registration for fittings must include these documents:

- Statutory Declaration Registration of Fittings (2 copies)
- Detailed calculations or burst test report (1 copy)
- Detailed technical drawings or catalogues (2 copies)
- Example of the manufacturer's marking (1 copy)
- Proof that a valid and approved quality control program has been implemented (1 copy)
- Form Application for design registration (1 copy)

Sending the form

This declaration is necessary to submit an application for design registration. Design registration applications must be sent by email only to enregistrementdesplans@rbq.gouv.qc.ca.

Documents must be in PDF format and in separate files.

Scope of Fitting Designs:

Valve Model	Material of Construction	Size	Pressure Class	Temperature Rating	Code / Standard of Construction
V-Series (Metal Seated Ball Valves)	ASTM A182 Grade F316/F316L	2"	ASME / ANSI Class 2500	Up to 850 °F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASME SA-182 Grade F316L, ASME SA-479 Grade 316L	2"	ASME / ANSI Class 300 - 600	Up to 850 °F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASTM A182 Grade F316/F316L	2"	ASME / ANSI Class 600	Up to 850 °F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASTM A182 Grade F316H, ASTM A479 Grade 316H	0.38" - 6"	ASME / ANSI Class 900 - 1500	Up to 1500°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASTM A351 Grade CF8M, ASTM A182 Grade F316	0.5" - 3"	ASME / ANSI Class 150 - 600	Up to 1500°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASTM A182 Grade F316H, ASTM A479 Grade 316H	3"	ASME / ANSI Class 300	Up to 1500°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASTM A351 Grade CF8M	1" - 8"	ASME / ANSI Class 150 - 600	Up to 1500°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASME SA-182 Grade F304L	2" - 3"	ASME / ANSI Class 150 - 300	Up to 850°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASTM A182 Grade F347H, ASTM A479 Type 347H	2"	ASME / ANSI Class 2500	Up to 1500°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASTM A182 Grade F347H, ASTM A479 Type 347H	1.5" - 10"	ASME / ANSI Class 300 - 2500	Up to 1500°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASME SA-182 Grade F321, ASME SA-479 Type 321	8"	ASME / ANSI Class 1500	Up to 1500°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASME SA-182 Grade F91	1" - 8"	ASME / ANSI Class 300 - 2500	Up to 1200°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASME SA-182 Grade F9	3"	ASME / ANSI Class 1500	Up to 1200°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASTM A182 Grade F316H, ASTM A479 Type 316H	0.25" - 0.75"	ASME / ANSI Class 2500	Up to 1500°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASTM A182 Grade F316, ASTM A479 Type 316	2"	ASME / ANSI Class 900	Up to 1500°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASTM A182 Grade F316/F316L	3"	ASME / ANSI Class 2500	Up to 850°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASTM A182 F304/F304L	0.5" - 0.75"	ASME / ANSI Class 1500	Up to 850°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASME SB-408 UNS N08810	0.75" - 1"	ASME / ANSI Class 1500	Up to 1500°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASME SB-408 UNS N08810	1"	ASME / ANSI Class 2500	Up to 1500°F	ASME B16.34

Valve Model	Material of Construction	Size	Pressure Class	Temperature Rating	Code / Standard of Construction
V-Series (Metal Seated Ball Valves)	ASTM B564 UNS N08825	2"	ASME / ANSI Class 1500	Up to 1300°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASTM B164 UNS N04400	1"	ASME / ANSI Class 2500	Up to 900°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASTM A182 F316/F316L	0.5" - 1"	ASME / ANSI Class 600	Up to 850°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASTM A105, ASTM A105N	0.5" - 10"	ASME / ANSI Class 300 - 2500	Up to 1000°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASME SA-216 Grade WCB	2"	ASME / ANSI Class 150	Up to 1000°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASME SA-216 Grade WCB	0.75" - 12"	ASME / ANSI Class 150 - 600	Up to 1000°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASME SA-216 Grade WCB	4"	ASME / ANSI Class 150	Up to 1000°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASME SA-216 Grade WCB	2" - 12"	ASME / ANSI Class 150 - 600	Up to 1000°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASME SA-216 Grade WCB, ASTM A105	0.5" - 2"	ASME / ANSI Class 150 - 600	Up to 1000°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASTM A105	4"	ASME / ANSI Class 150	Up to 1000°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASTM A105	4"	ASME / ANSI Class 1500	Up to 1000°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASTM A105, ASTM A105N	0.75" - 10"	ASME / ANSI Class 150 - 600	Up to 1000°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASTM A105	2" - 4"	ASME / ANSI Class 150 - 600	Up to 1000°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASTM A105	4"	ASME / ANSI Class 900	Up to 1000°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASTM A350 Grade LF2	2" - 6"	ASME / ANSI Class 150 - 600	Up to 1000°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASTM A350 Grade LF2	1" - 16"	ASME / ANSI Class 300 - 2500	Up to 1000°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASME SA-352 Grade LCB	3" - 6"	ASME / ANSI Class 150 - 300	Up to 1000°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASME SA-216 Grade WCB	3" - 4"	ASME / ANSI Class 150	Up to 1000°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASME SA-182 Grade F5	10"	ASME / ANSI Class 300 - 2500	Up to 1200°F	ASME B16.34

Valve Model	Material of Construction	Size	Pressure Class	Temperature Rating	Code / Standard of Construction
V-Series (Metal Seated Ball Valves)	ASME SA-217 Grade C5	6"	ASME / ANSI Class 300	Up to 1200°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASTM A217 Grade C12	10" - 18"	ASME / ANSI Class 300 - 600	Up to 1200°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASTM A105	4"	ASME / ANSI Class 900	Up to 1000°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASTM A350 Grade LF2	0.75" - 3"	ASME / ANSI Class 150 - 600	Up to 1000°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASME SA-216 Grade WCB, ASTM A105	0.5" - 1"	ASME / ANSI Class 600	Up to 1000°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASTM A105	2" - 4"	ASME / ANSI Class 150	Up to 1000°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASTM A105	2.5" - 8"	ASME / ANSI Class 150 - 600	Up to 1000°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASTM A352 Grade LCC	2" - 8"	ASME / ANSI Class 150	Up to 1000°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASME SA-216 Grade WCB, ASTM A105	4"	ASME / ANSI Class 150	Up to 1000°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASTM A182 Grade F51, ASTM A479 UNS S31803	2"	ASME / ANSI Class 2500	Up to 750°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASTM A217 Grade WC6	6"	ASME / ANSI Class 300	Up to 1200°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASTM A182 Grade F11 Class 2	1" - 3"	ASME / ANSI Class 150 - 900	Up to 1200°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASME SA-182 Grade F22 Class 3	0.5" - 4"	ASME / ANSI Class 600 - 2500	Up to 1200°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASME SA-217 Grade WC9	1.5" - 2"	ASME / ANSI Class 600	Up to 1200°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASME SA-217 Grade WC9, ASME SA-182 Grade F22 Class 3	1" - 2"	ASME / ANSI Class 300 - 600	Up to 1200°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASTM A182 Grade F9	0.75" - 14"	ASME / ANSI Class 150 - 300	Up to 1200°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASTM A105, ASME SA-182 Grade F22 Class 3	1.5" - 4"	ASME / ANSI Class 600	Up to 1000°F	ASME B16.34
V-Series (Metal Seated Ball Valves)	ASTM A182 Grade F9	16"	ASME / ANSI Class 600	Up to 1200°F	ASME B16.34

Valve Model	Material of Construction	Size	Pressure Class	Temperature Rating	Code / Standard of Construction
Xactrol Valve	ASTM A351 Grade CF8M, ASTM A182 Grade F316H	1"	ASME / ANSI Class 600	Up to 1500°F	ASME B16.34
Xactrol Valve	ASTM A105	4"	ASME / ANSI Class 600	Up to 1000°F	ASME B16.34
Xactrol Valve	ASME SA-216 Grade WCB	2"	ASME / ANSI Class 150	Up to 1000°F	ASME B16.34
Xactrol Valve	ASME SA-216 Grade WCB, ASTM A105	1.5"	ASME / ANSI Class 600	Up to 1000°F	ASME B16.34
Xactrol Valve	ASTM A105	2"	ASME / ANSI Class 600	Up to 1000°F	ASME B16.34
Xactrol Valve	ASTM A105	3" - 6"	ASME / ANSI Class 600	Up to 1000°F	ASME B16.34
Xactrol Valve	ASTM A350 Grade LF2	3" Inlet/4" Outlet	ASME / ANSI Class 1500	Up to 1000°F	ASME B16.34
Xactrol Valve	ASTM A105	1.5"	ASME / ANSI Class 600	Up to 1000°F	ASME B16.34
Xactrol Valve	ASTM A350 Grade LF2	2"	ASME / ANSI Class 600	Up to 1000°F	ASME B16.34

Tracking #: _____

Valve Model	Material of Construction	Size	Pressure Class	Temperature Rating	Code / Standard of Construction
Parallel Slide Gate Valve	ASTM A217 Grade C12A	12"	ASME / ANSI Class 2500	Up to 1200°F	ASME B16.34
Parallel Slide Gate Valves	ASME SA-216 Grade WCB	6" - 16"	ASME / ANSI Class 150 - 1500	Up to 1000°F	ASME B16.34