

August 25, 2022

Attention: Jason Woh
VALVTECHNOLOGIES LLC
5904 BINGLE ROAD
HOUSTON, TX 77092

The design submission, tracking number 2022-04571, originally received on August 12, 2022 was surveyed and accepted for registration as follows:

CRN : 0C02804.2 **Accepted on:** August 25, 2022

Reg Type: RENEWAL **Expiry Date:** August 25, 2032

Drawing No. : Catalogue 320_V series product line October 2021;

Fitting type: Valves

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

- CRN also covers catalogues 304_Xactrol_February 2019 & 305_IsoTech_February 2019.
- Registration is based on the understanding that the valves are in full compliance with ASME B16.34, Tables 1,2 & 3.

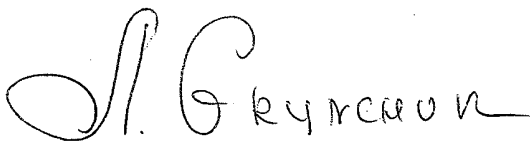
As indicated on AB-41 Statutory Declaration or AB-351 Declaration of Conformity form and submitted documentation, the code of construction is B16.34.

- 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 3330 or fax (780) 437-7787 or e-mail grynchuk@absa.ca.

Sincerely,



GRYNCHUK, MILLA, P. Eng.
DOP Cert. No. D00005217

**STATUTORY DECLARATION
Registration of Fittings**
Single or Multiple Fitting Designs within one Fitting Category

I, Jason Woh, Quality Assurance Manager
(name of applicant) (position title) (must be in a position of authority)
of ValvTechnologies
(name of manufacturer)
located at 5904 Bingle Road, Houston, Texas, 77092, USA
(plant address)

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.

VALVTECHNOLOGIES

do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act
(select only one)

- ☒ comply with the requirements of ASME B16.34 which specifies the dimensions,
(title of recognized North American Standard)
materials of construction, pressure/temperature ratings and identification marking of the fittings, or
- ☐ are not covered by the provisions of a recognized North American standard and are therefore
manufactured to comply with _____ as supported by the
(title of code of construction or other applicable document)
attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the identification marking of the fittings.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified as described in the below Table as being suitable for the manufacturing of these fittings to the stated standard, regulation, code, guideline or other applicable document. The fittings covered by the declaration for which I seek registration are as provided in the Supplementary Sheet(s) attached.

Quality Program Verification and Manufacturing Sites

A copy of the Quality Certificate from each manufacturing site must be included

Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address
1.	Metal Seated Ball Valves: V1-1, V1-2, V1-3, V1-4, PSG (IsoTech), Xactrol	ISO 9002:2015	Engineering, Manufacturing, Sales and Service	Jan 24, 2024	DNV GL	5904 Bingle Road, Houston, Texas 77092
2.						

In support of this application, the following information, calculations and/or test data are attached:

Drawing 210975-001, VSeries 12_300_Calcs, V_Series Product Brochure,

IsoTech (PSG) Product Brochure, Xactrol Product Brochure

[Signature]
(Signature of the Declarer)

8/12/2022
(Date)

DECLARED before me at Houston in the State of Texas
(city) (province, territory, or state)

this 12th day of August, 2022
(Month) (Year)

(print) Maria Natalia Mercado
(a Commissioner of Oaths or Notary Public)

(sign) Maria Natalia Mercado
(a Commissioner of Oaths or Notary Public)

11-21-2022
(expiry date (mm/dd/yy))



Commissioner of Oaths / Notary Public in and for: Texas
(province, territory, or state)

For ABSA Office Use Only:

NOTES: _____

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Part 1, Clause 4.2, and is accepted for registration in Category _____.

CRN: _____

Registered Date: _____

Expiry Date: _____

Signature: _____
(Signature of the Administrator/SCO)

The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Pressure Equipment Discipline

2022-04571

ABSA

SAFETY CODES ACT - PROVINCE OF ALBERTA

ACCEPTED: 0002804.2

See acceptance letter for conditions of registration.

Date: 2022-08-25

By:

[Signature]
MILLA GRYNCHUK, P. Eng.
DOP: D00005217

This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.

Table 1 Scope of Fitting Designs**

Table 1: Scope of Fitting Designs									
Item #	Primary Pressure Bearing / Retaining Component	Material of Construction	Port Connections and Size Range	MDMT	Rated Pressure		Pressure Class(es) / Schedule(s)	Design Code(s) of Construction	Reference Catalogue (pages) or Drawing(s)
					At Ambient Temperature	At Maximum Temperature			
	Please see detail scope of fitting designs in attached table in page 4 to 8.								

Table 2 Additional Scope Information

List/Attach Additional Detail and References (Product Configurations, Options, Illustrations, etc.)
Example: Series X Options

** For additional alternatives of Table 1, refer to Form AB-41a, Guide for Completing Form AB-41

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