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www.tssa.org

October 27, 2022

ALBERTA BOILERS SAFETY ASSOCIATION
9410 20 AVE NW
EDMONTON AB T6N 0A4

Workorder Type: Registration - Fitting(Conventional)
Workorder No: 8184456
Your Reference No.: PORTAL#2022-S1907 -2022-04571 - RENEWAL OF CRN#0C02804.2
Registered to: VALVTECHNOLOGIES INC

Dear Kristine Trepanier,

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

CRN : 0C02804.25R3
Main Design No.: Scope of Fitting Designs, Catalogue (V- Series , Xactrol, & Parallel Slide Gate valves)
Expiry Date: Aug 25, 2032

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

Note: 10 years renewal to exist registration.

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,

Ruiming You P,ENG
Engineer, BPV
Tel. : +1 416-734-3428
Email : ryou@tssa.org



Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
www.tssa.org

Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below

VALVTECHNOLOGIES

STATUTORY DECLARATION Registration of Fittings

I, Vicky Stubbfield, Vice President

(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of ValvTechnologies

(Name of Manufacturer)

Located at 5904 Bingle Road, Houston, Texas 77092

(Plant Address)

713-860-0475

(Telephone No.)

713-860-0499

(Fax No.)



do solemnly declare that the fittings listed hereunder, which are subject to the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, comply with all of the requirements of ASME B16.34

(Title of recognized North American Standard)

which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;



or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with _____ as supported by the attached data which identifies the dimensions, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001:2015 which has been verified by the following authority, DNV GL

The items covered by this declaration, for which I seek registration, are category (SEE BELOW) type fittings. In support of this application, the following information and/or test data are attached as follows:

Drawing 210975-001, VSeries 12_300_Calcs, V_Series, IsoTech (PSG), Xactrol Product Brochure

(drawings, calculations, test reports, etc.)

Declared before me at 5904 Bingle Road in the State of Texas

the 26 day of August AD 20 22

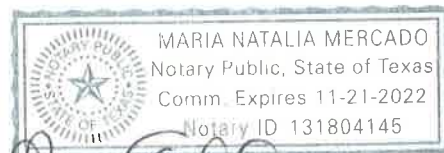
Commissioner for Oaths:

Maria Natalia Mercado

(Printed name)

Maria Natalia Mercado

(Signature)



[Signature]

(Signature of Declarer)

FOR OFFICE USE ONLY

To the best of my knowledge and belief, the application meets the requirements of the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category _____.

CRN: _____

Registered by: _____

Dated: _____

Technical Standards and Safety Authority	Boilers and Pressure Vessels Safety Program
REGISTERED	
C.R.N.: 0C02804.25R3	
Signed: <u>[Signature]</u>	
Date: <u>October 27, 2022.</u>	

per scope of fitting designs

NOTE: This registration expires on: Aug 25, 2032

*Information provided in this application is releasable under the Freedom of Information and Privacy Protection Act and may be disclosed upon request.

**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)

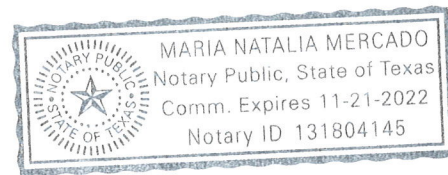
DECLARED before me at Houston in the State of Texas
(city) (province, territory, or state)

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

Table 1 Scope of Fitting Designs**

Table 1: Steps 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.						THIS IS PART OF CRN 0C02804.25R3		
							Technical Standards and Safety Authority		
							Boilers and Pressure Vessels Safety Program		

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