

March 03, 2014

Attention: Doug Shifflett
VALVTECHNOLOGIES INC.
5904 BINGLE ROAD
HOUSTON, TX 77092

The design submission, tracking number 2014-00552, originally received on January 29, 2014 was surveyed and accepted for registration as follows:

CRN : 0C02804.2 **Accepted on:** March 03, 2014
Reg Type: Revision To accepted Design **Expiry Date:** March 03, 2024
Drawing No. : CATALOGUES: V1-1,-2,-3,-4,PSG-1,XACT-1 As Noted
Fitting type: METAL SEATED VALVES

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

This registration is valid only for products(valves) manufactured under provisions of and in full compliance with ASME B16.34.

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 form. This registration is valid only 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 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.

Enclosed are stamped prints for your reference.

Sincerely,



PETRUSEVSKI, LJUPCO (LOU)



the pressure equipment safety authority

STATUTORY DECLARATION
Registration of Fittings



I, Doug Shifflett,

VP of Global Quality Management

(company title, e.g. vice president, plant manager, chief engineer) (must be in a position of authority)

of ValvTechnologies

(name of manufacturer)

located at 5904 Bingle Road, Houston, Texas 77092

(plant address)

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

[X] comply with the requirements of ANSI/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 attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, DNV Certification as being suitable for the manufacture of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are Valves

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

V1-1, V1-2, V1-3, PSG-1, XACT-1

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

this 17th day of January, 2014 (Month) (Year)

(print) Audrey Ramsey

(sign) [Signature] (Commissioner for Oaths)



AUDREY RAMSEY MY COMMISSION EXPIRES July 27, 2014

(Signature of Applicant)

For Office Use Only

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

Registration Number: OC02804 2

Date Registered: MAR 03 2014

(For the Administrator/Chief Inspector of Alberta)

Expiry Date: March 3, 2024

V Series Metal Seated Ball Valves :

V1-1: 1/4"-4", 900-4500#

Sizes	¼ - 4"
Pressure Classes	ASME / ANSI Class 900 - 4500
Materials of Construction	Carbon Steel (A105) - standard Alloy Steel (F22, F91) - standard Stainless Steel (316H) - standard Duplex Steel Exotic Alloys Other materials available upon request
In Compliance	ASME B16.34

V1-2: 1/2"-36", 150-600#

Sizes	½ - 36 inches
Pressure Classes	ASME / ANSI Class 150 - 600
Materials of Construction	Carbon Steel (A216 WCB) - standard Stainless Steel (A351 CF8M) - standard Duplex Steel Exotic Alloys Other materials available upon request
In Compliance	ASME B16.34

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V1-3: 1/2"-2", 150-600#

Sizes	½ - 2 inch
Pressure Classes	ASME / ANSI Class 150 - 600
Materials of Construction	Carbon Steel (A216 WCB) - standard Alloy Steel (A217 WC9) - standard Stainless Steel (A351 CF8M) - standard Duplex Steel Exotic Alloys Other materials available upon request
In Compliance	ASME B16.34

V1-4: 4"-36", 900-4500#

Sizes	4 - 36 inches
Pressure Classes	ASME / ANSI Class 900 - 2500
Materials of Construction	Carbon Steel (A105) - standard Stainless Steel (316H) - standard Alloy Steel Duplex Steel Exotic Alloys Other materials available upon request
In Compliance	ASME B16.34

Parallel Slide Gate Valve – PSG

Sizes	6 – 36"
Pressure Classes	ASME / ANSI Class 900 - 4500
Materials of Construction	<ul style="list-style-type: none"> • Carbon Steel (A216 WCB) - standard • Alloy Steel (A217 WC9, A217 C12A) - standard • Stainless Steel (A351 CF8M) - standard • Duplex Steel • Exotic Alloys • Other materials available upon request
In Compliance	ASME B16.34

XACTROL® Valves

Sizes	½ - 36 inches
Pressure Classes	ASME / ANSI Class 150 - 4500
Materials of Construction	Carbon Steel (A105, A216 WCB) - standard Alloy Steel (F22, F91, A217 WC9, A217 C12A) - standard Stainless Steel (316H, A351 CF8M) - standard Duplex Steel Exotic Alloys Other materials available upon request
In Compliance	ASME B16.34

ABSA

SAFETY CODES ACT - PROVINCE OF ALBERTA

REGISTRATION OF FITTINGS

REGISTRATION NO. 0002804.2

DWG. NO. or CAT. NO. VI-1, -2, -3, -4, PSG-1, XACT-1 As Noted

TYPE OF FITTINGS Metal Seated Valves

MAR 03 2014 Date INITIALS [Signature]

LJUFKO PETRUSEVSKI
DESIGN SURVEYOR

See Acceptance Letter for the comments and/or conditions of registration.



Model V1-4, Xactrol and ERY Wall Thickness Minimums

All Dimensions are in Inches

Note: Listed below is the minimum wall thickness requirements for each class of valve contained within the V1-4 line for each size and pressure class. All drawings must meet these minimums.

Model V1-4, Xactrol and ERY		
Nominal Size	Wall Thickness	
	Bore	MINIMUM
2"	3.5"	0.47
		0.75
		1.29
4"	5.13"	0.63
		1.04
		1.84
6"	7.13"	0.85
		1.42
		3.82
8"	8.06"	0.95
		1.59
		2.83
10"	10.06"	1.18
		1.95
		3.52
14"	12.06"	1.36
		2.32
		4.21
16"	13.25"	1.48
		2.54
		4.62
18"	15.25"	1.69
		2.91
		5.30
20"	17.25"	1.90
		3.28
		5.98

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Model V1-4, Xactrol and ERV Wall Thickness Minimums

Model V1-4, Xactrol and ERV			
Nominal Size	Wall Thickness		
Size	Bore	Pressure Class	MINIMUM
22"	19.25"	900	2.11
		1500	3.65
		2500	6.66
24"	19.25"	900	2.11
		1500	3.65
		2500	6.66
26"	21.25"	900	2.32
		1500	4.02
		2500	7.34
28"	23.25"	900	2.53
		1500	4.39
		2500	8.03
30"	25.25"	900	2.74
		1500	4.76
		2500	8.71
32"	27.25"	900	2.95
		1500	5.13
		2500	9.39
34"	29.25"	900	3.16
		1500	5.49
		2500	10.07
36"	31.25"	900	3.26
		1500	5.68
		2500	10.42

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Model Nextech 1 FP Wall Thickness Minimums

All Dimensions are in Inches

Note: Listed below is the minimum wall thickness requirements for each class of valve contained within the V1-4 line for each size and pressure class. All drawings must meet these minimums.

Nominal Size		Nextech 1&2 FP	
Size	Bore	Pressure Class	Wall Thickness
			MINIMUM
2"	2.125"	300	0.30
		600	0.31
		900	0.38
3"	3.06	300	0.37
		600	0.41
		900	0.53
4"	4.06"	300	0.40
		600	0.46
		900	0.62
6"	6.06"	300	0.44
		600	0.60
		900	0.80
8"	8.06"	300	0.52
		600	0.73
		900	1.00
10"	10.06"	300	0.76
		600	1.10
		900	1.40
12"	12.06	300	0.83
		600	1.25
		900	1.63
14"	13.25	300	1.00
		600	1.38
		900	1.75
16"	15.25	300	1.13
		600	1.50
		900	2.00

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Model Nextech 1 RP Wall Thickness Minimums

All Dimensions are in Inches

Note: Listed below is the minimum wall thickness requirements for each class of valve contained within the V1-4 line for each size and pressure class. All drawings must meet these minimums.

Nominal Size		Nextech 1&2 RP	
Size	Bore	Pressure Class	Wall Thickness
			MINIMUM
3"	2.125"	300	0.30
		600	0.31
		900	0.38
4"	3.06	300	0.37
		600	0.41
		900	0.53
6"	4.06"	300	0.40
		600	0.46
		900	0.62
8"	6.06"	300	0.44
		600	0.60
		900	0.80
10"	8.06"	300	0.52
		600	0.73
		900	1.00
12"	10.06"	300	0.76
		600	1.10
		900	1.40
14"	12.06	300	0.83
		600	1.25
		900	1.63
16"	13.25	300	1.00
		600	1.38
		900	1.75

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All Dimensions are in Inches

Note: Listed Below is the minimum wall thickness requirements for each class of valve contained with the V1-4 line for each size and pressure class. All drawings must meet these minimums.

Model Parallel Slide Gate Valve			
Nominal Size		Wall Thickness	
Size	Bore	Pressure Class	MINIMUM
6	3.5"	2500#	1.29"
8	5.13"	2500#	1.84"
12	8.06"	2500#	2.83"
18	11.75"	2500#	4.11"
24	15.0"	2500#	5.21"

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