

March 30, 2020

Attention: Tanya Francis
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO, ON M9W 6N9

The design submission, tracking number 2020-01544, originally received on March 13, 2020 was surveyed and accepted for registration as follows:

CRN : 0G13882.52 **Accepted on:** March 30, 2020
Reg Type: ADDITION TO ACC. FITTING **Expiry Date:** February 28, 2030
Drawing No. : 19376-001 Rev 0
Fitting type: RELIEF VALVE
Design registered in the name of : VALVTECHNOLOGIES INC

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

As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction is 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 and 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.*

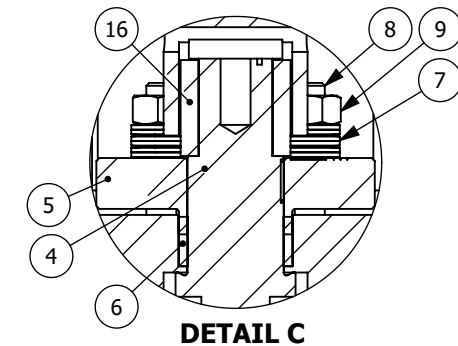
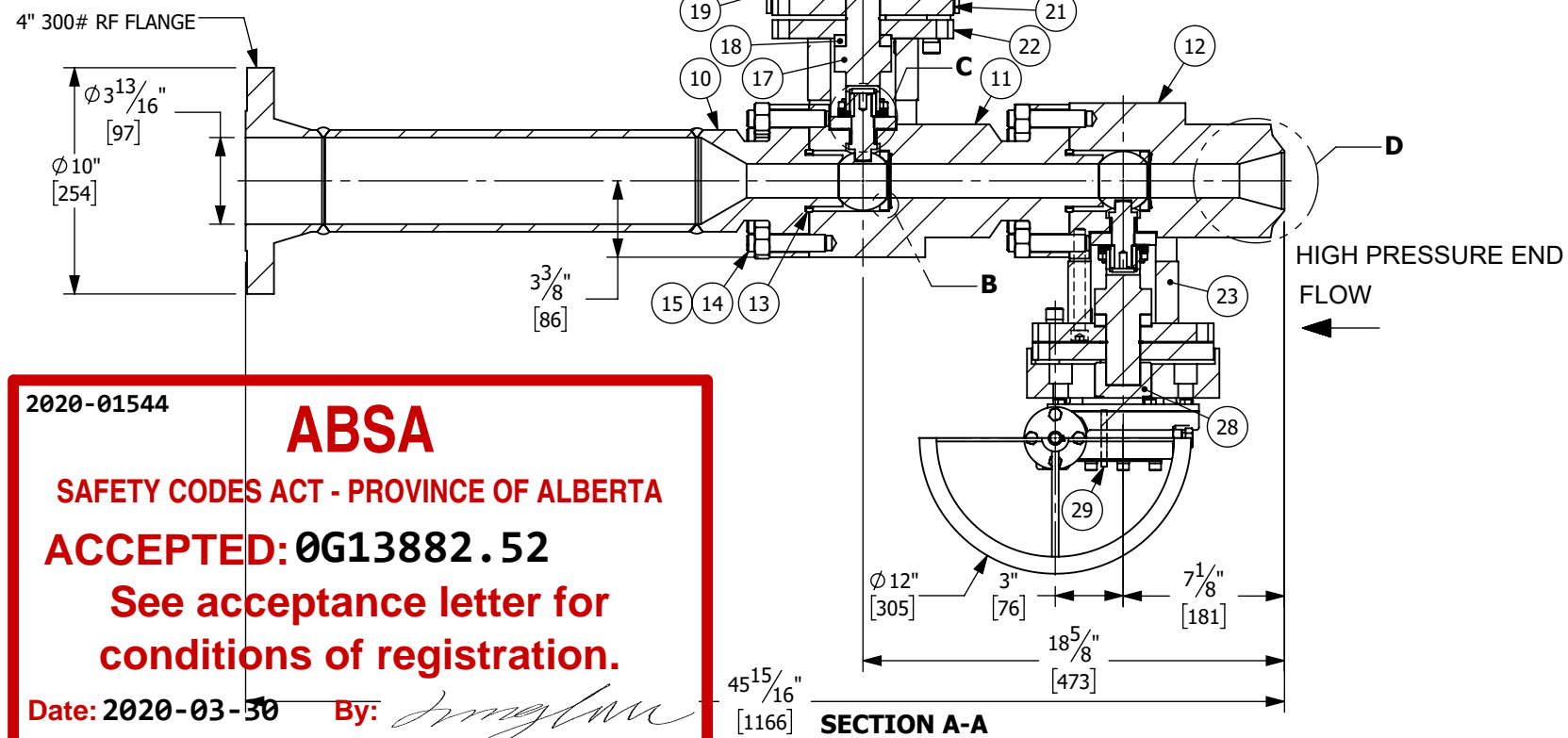
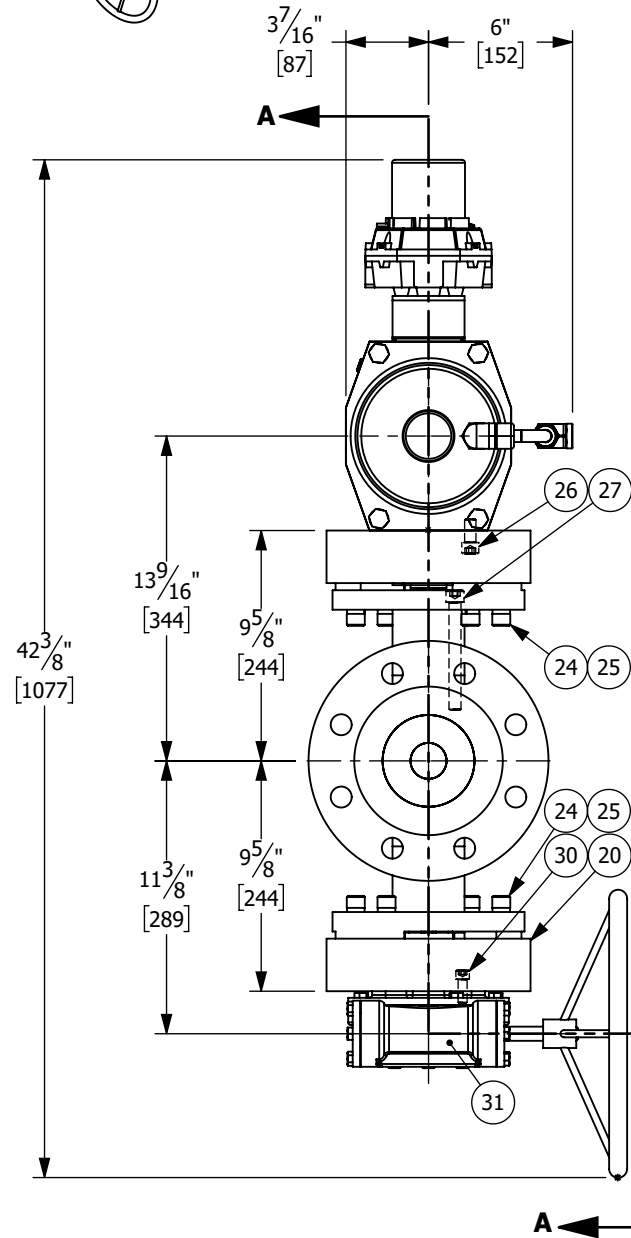
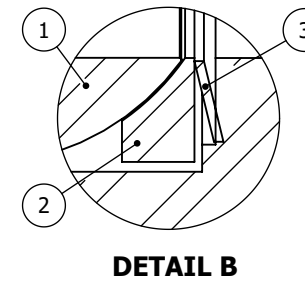
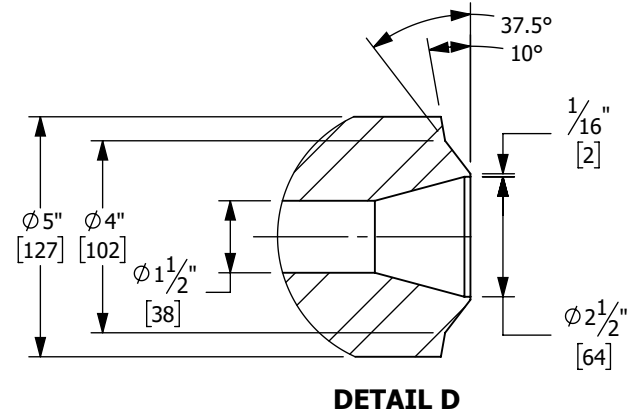
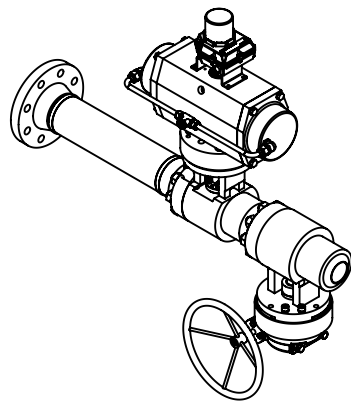
An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3388 or fax (780) 437-7787 or e-mail Liu@absa.ca.

Sincerely,



LIU, XING, P. Eng.
DOP Cert. No. D00008861



2020-01544

ABSA

SAFETY CODES ACT - PROVINCE OF ALBERTA

ACCEPTED: 0G13882.52

See acceptance letter for conditions of registration.

Date: 2020-03-30 By: *Xing Liu*

XING LIU, P. Eng.

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.

ITEM	DESCRIPTION	MATERIAL	QTY.
1	BALL	SA-182 F6A / R31	2
2	UPSTREAM SEAT	SA-182 F22 / QPQ	2
3	BELLEVILLE SPRING	SB-637 N07718	2
4	STEM	SA-638 660 TYP1 / QPQ	2
5	GLAND	SA-182 F316 / QPQ	2
6	GLAND PACKING	316GRAFOIL	2
7	GLAND SPRING	SA-637 N07718	48
8	GLAND STUD	SA-193 Gr B8M	8
9	GLAND NUT	SA-194 Gr 8M	8
10	END CAP	SA-182 F22 / R31	1
11	BODY / END CAP	SA-182 F22 / R31	1
12	BODY	SA-182 F22	1
13	BODY SEAL	SA-564 TYPE 630 H1150D / PT24	2
14	BODY STUD	SA-193 Gr B8M	16
15	BODY NUT	SA-194 Gr 8M	16
16	KEY	SA-29 Gr 1018	4
17	DRIVE SLEEVE	SA-29 Gr 4130	2
18	THRUST BEARING	MILD STEEL / QPQ	2
19	ADAPTOR	SA-29 Gr 4130	1
20	MOUNTING PLATE	SA-216 Gr WCB	2
21	HANDLE	SA-29 Gr 1018	2
22	STOP PLATE	SA-216 Gr WCB	2
23	YOKE BLOCK	SA-29 Gr 1018	4
24	CAP SCREW	SA-574	8
25	LOCK WASHER	SAE Gr CS	8
26	CAP SCREW	SA-574	4
27	CAP SCREW	SA-574	8
28	DRIVE SLEEVE	SA-29 Gr 4130	1
29	KEY	SA-29 Gr 1018	1
30	CAP SCREW	SA-574	4
31	GEARBOX	EXECCO IW3/HW12"	1
32	LIMIT SWITCH	FMYB-E420 2-DPDT	1
33	ACTUATOR	AA-VT-VTI06DA0NH2EERV	1

REV.	DESCRIPTION	ECN	APPROVED BY	DATE
0	INITIAL RELEASE	-		

THIS DRAWING AND THE INFORMATION CONTAINED WITHIN IS CONSIDERED TO BE CONFIDENTIAL AND THE SOLE PROPERTY OF VALVTECHNOLOGIES. THE CONTENTS OF THIS DRAWING MAY NOT BE REPRODUCED OR DISCLOSED VERBALLY OR OTHERWISE OUTSIDE THE HOLDERS OFFICE WITHOUT THE WRITTEN APPROVAL OF VALVTECHNOLOGIES. QUOTATION DRAWINGS ARE FOR GENERAL REFERENCE ONLY. PRODUCT CONFIGURATION TO BE FINALIZED UPON RECEIPT OF ORDER. ACTUATOR ORIENTATION IS FOR ILLUSTRATION PURPOSES ONLY. ACCESSORIES MAY NOT BE INCLUDED IN DRAWING.	WEIGHT 580 LBS	SIZE B	SHEET 1 OF 1
GENERAL ASSEMBLY	DIMENSIONS ARE IN INCH (MM) UNLESS OTHERWISE SPECIFIED.		
REFERENCE DIMENSIONS ARE DEPICTED BY () SYMBOL	TITILE Z7L1-147B1RA5PZ-001DZ-0X2 2.50 900# BWX4.0 300# RF 1.50 BORE W/ VTI06DA0NH2EERV & EXECCO IW-3		
DRAWN BY S. CRUZ	11/20/2019	REV. 0	
APPROVED BY S. STREANGO	11/20/2019	191376-001	



5904 BINGLE ROAD, HOUSTON TEXAS 77092
WWW.VALV.COM

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			
ERV	Body End Cap Stem ERV Flange ERV Pipe	Carbon steel (A216 WCB) – standard Alloy steel (A217 WC9) – standard Stainless steel (A351 CF8M) – standard Duplex steel Exotic alloys Other materials available upon request	3/4" x 1 1/2" To 8" x 14"				ASME / ANSI Class up to 4500	ASME B16.34 NB Capacity Cert Number: M59015 M59026 M59037 M59059 M59060 M59082 M59105 M59127	See ERV Product Catalogue

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

NOTE: You cannot save the DATA you entered on this form, you must print a copy and FAX it or MAIL it!



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



STATUTORY DECLARATION Registration of Fittings

I, Chad Bowers, Director, Global Manufacturing
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of ValvTechnologies, Inc.,
(Name of Manufacturer)

Located at 5904 Bingle Road, Houston, Texas 77092 713-715-5577 713-860-0499
(Plant Address) (Telephone No.) (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:
ERV Valve BROCHURE AND DRAWING

(drawings, calculations, test reports, etc.)

Declared before me at 5904 Bingle Rd in the state of Texas
the 14th day of January AD 20 20

Commissioner for Oaths:

Maria N. 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: _____

NOTE: This registration expires on: _____

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

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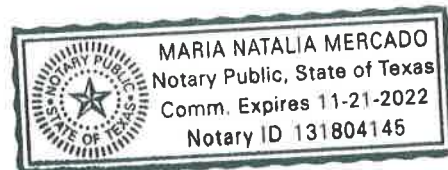
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Commissioner for Oaths:

Maria N. Mercado
(Printed name)

Maria Natalia Mercado
(Signature)



CLB
(Signature of Declarer)

FOR OFFICE USE ONLY

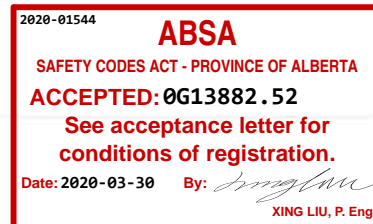
To the best of my knowledge and belief, the application meets the requirements of the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category _____

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