



the pressure equipment safety authority

9410 - 20 Ave N.W.  
Edmonton, Alberta, Canada T6N 0A4  
Tel: (780) 437-9100 / Fax: (780) 437-7787

November 14, 2012

Tanya Francis  
TECHNICAL STANDARDS & SAFETY AUTHORITY  
3300 BLOOR STREET WEST  
14 FLOOR CENTRE TOWER  
TORONTO, ON M8X 2X4

Dear Tanya Francis,

The design submission, tracking number 2012-06962, originally received on October 09, 2012 was surveyed and accepted for registration as follows:

<b>CRN :</b>	0C15527.52	<b>Accepted on:</b>	November 14, 2012
<b>Reg Type :</b>	New Design	<b>Expiry Date:</b>	September 27, 2022
<b>Drawing No. :</b>	AS LISTED ON THE PRODUCT DATA SHEET		
<b>Fitting Desc:</b>	BALL VALVES		

Design registered in the name of : JC FABRICA DE VALVULAS SA

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

*As per the original registration by the province of Ontario this registration covers the ball valves listed on the stamped Product Data Sheet ( 3 pages)  
Acceptance is given based on the understanding that the valves are in full compliance with the ASME B16.34 Standard.*

*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,

ONSHCHENKO, TETYANA, P. Eng.  
Design Survey Engineer



**STATUTORY DECLARATION  
Registration of Fittings**

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

**JC**

I, Alfredo Arroyo Domenech,

Plant Manager

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

of JC Fábrica de válvulas, s.a.

(name of manufacturer)

located at Cantabria, 2 - Pol. Ind. Les Salines - 08830 Sant Boi de Llobregat (Barcelona) - SPAIN. Tel. +34 93 654 86 89 - Fax. +34 93 654 86 87

(plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (check 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 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, Bureau Veritas 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 Ball Valves

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

ISO 9001 certificate, Product Data Sheets, Calculations, Assembly & Maintenance Manuals, Detail of body marks and identification plates

DECLARED before me at \_\_\_\_\_ in the \_\_\_\_\_ of \_\_\_\_\_

this \_\_\_\_\_ day of \_\_\_\_\_ (Month) , \_\_\_\_\_ (Year)

(print) \_\_\_\_\_

(sign) \_\_\_\_\_

(A Commissioner for Oaths)

(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 C

Registration Number: 0C15527.52

Date Registered: NOV 14 2012

(For the Administrator/Chief Inspector of Alberta)

Expiry Date: September 27, 2022

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 Boiler Discipline.

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

Series or Model No. (Description)	SIZE	END CONNECTIONS	ASME STANDARD	PRESSURE CLASS	Min. Wall Thickness (Actual) in mm	Min. Wall Thickness ASME B16.34 Table 3 in mm	ASME/ASTM Material ASME B16.34 Table 1	Minimum / Maximum Design Temperature °C
WFF - 400 800 - Fully welded ball valve - Full bore - Soft seated	3/8"	NPT SW SW WITH NIPPLES BW	ASME B16.34	800	7.5	4.1	A350 Gr. LF2 Cl.1	-46 / 260
	1/2"				11.5	4.5		
	3/4"				9	5.4		
	1"				10.5	6.1	A479 Gr. 316L	-46 / 260
	1 1/2"				15	7.2		
	2"				17	8.0		
WFR - 411 800 - Fully welded ball valve - Reduced bore - Soft seated	1/2"	NPT	ASME B16.34	800	5	4.5	A350 Gr. LF2 Cl.1	-46 / 260
	3/4"				7.5	5.4		
	1"				9	6.1		
	1 1/2"				9.25	7.2	A479 Gr. 316L	-46 / 260
	2"				15	8.0		
WFR - UDV 800 - Fully welded ball valve - Reduced bore- Metal seated	1/2"	NPT SW SW WITH NIPPLES BW	ASME B16.34	800	8.6	4.5	A105	-29 / 450
	3/4"				8.6	5.4		
	1"				9	6.1		
	1 1/2"				11.5	7.2	A479 Gr. 316	-29 / 550
	2"				16	8.0		
WFR - UDV 1500 - Fully welded ball valve - Reduced bore - Metal seated	1/2"	NPT SW SW WITH NIPPLES BW	ASME B16.34	1500	8.6	5.3	A105	-29 / 450
	3/4"				8.6	6.4		
	1"				9	7.2		
	1 1/2"				11.5	9.9	A479 Gr. 316	-29 / 550
	2"				16	12.0		
TFF - 41500R - - Fully welded ball valve - Full bore - Soft seated	3/8"	NPT SW SW WITH NIPPLES BW	ASME B16.34	1500	7.5	4.8	A350 Gr. LF2 Cl.1	-46 / 260
	1/2"				8.5	5.3		
	3/4"				9.4	6.4		
	1"				10.5	7.2	A479 Gr. 316L	-46 / 260
	1 1/2"				15	9.9		
	2"				17	12.0		
TFR - 41510R - Fully welded ball valve - Reduced bore - Soft seated	1/2"	NPT SW SW WITH NIPPLES BW	ASME B16.34	1500	8.5	5.3	A350 Gr. LF2 Cl.1	-46 / 260
	3/4"				9.4	6.4		
	1"				10.5	7.2		
	1 1/2"				15	9.9	A479 Gr. 316L	-46 / 260
	2"				17	12.0		
SFF - 515 2 piece body - Side entry, Full bore - Floating ball - Soft seated	1/2"	FLANGED  FF, RF, RTJ	ASME B16.34	150	5.5	3.3	A216 Gr. WCB	-29 / 260
	3/4"				6	3.7		
	1"				6.25	4.0		
	1 1/2"				6.5	4.9	A352 Gr. LCC	-46 / 260
	2"				7.5	5.5		
	2 1/2"				8.5	5.8	A351 Gr. CF8M	-50 / 260
	3"				8	6.1		
	4"				9.75	6.5	A995 Gr. 6A	-50 / 260
	6"				11	7.2		
	8"				13	8.1		
SFF - 3515 2 piece body - Side entry, Full bore - Floating ball - Metal seated	1/2"	FLANGED  FF, RF, RTJ	ASME B16.34	150	5.5	3.3	A216 Gr. WCB	-29 / 425
	3/4"				6	3.7		
	1"				6.25	4.0		
	1 1/2"				6.5	4.9	A352 Gr. LCC	-46 / 345
	2"				7.5	5.5		
	2 1/2"				8.5	5.8	A351 Gr. CF8M	-50 / 550
	3"				8	6.1		
	4"				9.75	6.5		
	6"				11	7.2		
	8"				13	8.1		
SFF - CR - 515 2 piece body - Side entry, Full bore - Floating ball - Soft seated - Cryogenic extended bonnet	1/2"	FLANGED  FF, RF, RTJ	ASME B16.34	150	5.5	3.3	A351 Gr. CF8M	-196 / 230
	3/4"				6	3.7		
	1"				6.25	4.0		
	1 1/2"				6.5	4.9		
	2"				7.5	5.5		
	2 1/2"				8.5	5.8		
	3"				8	6.1		
	4"				9.75	6.5		
	6"				11	7.2		
	8"				13	8.1		

NOV 14 2012

0C15527.52

Series or Model No. (Description)	SIZE	END CONNECTIONS	ASME STANDARD	PRESSURE CLASS	Min. Wall Thickness (Actual) in mm	Min. Wall Thickness ASME B16.34 Table 3 in mm	ASME/ASTM Material ASME B16.34 Table 1	Minimum / Maximum Design Temperature °C
SFF - 530 2 piece body - Side entry, Full bore - Floating ball - Soft seated	1/2"	FLANGED  FF, RF, RTJ	ASME B16.34	300	5.5	3.5		
	3/4"				6.3	4.0	A216 Gr. WCB	-29 / 260
	1"				7	4.3		
	1 1/2"				8.3	5.3	A352 Gr. LCC	-46 / 260
	2"				9.5	6.0		
	3"				12	7.0	A351 Gr. CF8M	-50 / 260
	4"				13	7.7		
	6"				13.5	9.5	A995 Gr. 6A	-50 / 260
SFF - 3530 2 piece body - Side entry, Full bore - Floating ball - Metal seated	1/2"	FLANGED  FF, RF, RTJ	ASME B16.34	300	5.5	3.5		
	3/4"				6.3	4.0	A216 Gr. WCB	-29 / 425
	1"				7	4.3		
	1 1/2"				8.3	5.3	A352 Gr. LCC	-46 / 345
	2"				9.5	6.0		
	3"				12	7.0	A351 Gr. CF8M	-50 / 550
	4"				13	7.7		
	6"				13.5	9.5		
SFF - CR - 530 2 piece body - Side entry, Full bore - Floating ball - Soft seated - Cryogenic extended bonnet	1/2"	FLANGED  FF, RF, RTJ	ASME B16.34	300	5.5	3.5	A351 Gr. CF8M	-196 / 230
	3/4"				6.3	4.0		
	1"				7	4.3		
	1 1/2"				8.3	5.3		
	2"				9.5	6.0		
	3"				12	7.0		
	4"				13	7.7		
	6"				13.5	9.5		
SFF - 560 2 piece body - Side entry, Full bore - Floating ball - Soft seated	2"	FLANGED  FF, RF, RTJ	ASME B16.34	600	9	6.2	A216 Gr. WCB	-29 / 425
	3"				11	8.2	A352 Gr. LCC	-46 / 345
	4"				12.5	9.5	A351 Gr. CF8M	-50 / 550
SFR - 660 2 piece body - Side entry, Reduced bore - Floating ball - Soft seated	2"	FLANGED  FF, RF, RTJ	ASME B16.34	600	9	6.2	A216 Gr. WCB	-29 / 425
	3"				11	8.2	A352 Gr. LCC	-46 / 345
	4"				12.5	9.5	A351 Gr. CF8M	-50 / 550
EFR - 715 1 piece body - End entry, Reduced bore - Floating ball - Soft seated	1/2"	FLANGED  FF, RF, RTJ	ASME B16.34	150	4.3	3.3		
	3/4"				5	3.7	A216 Gr. WCB	-29 / 260
	1"				6	4.0		
	1 1/2"				6.75	4.9	A352 Gr. LCC	-46 / 260
	2"				7.5	5.5		
	3"				7.1	6.1	A351 Gr. CF8M	-50 / 260
	4"				9	6.5		
	6"				10	7.2	A995 Gr. 6A	-50 / 260
	8"				11.25	8.1		
	10"				9	8.9		
EFR - 730 1 piece body - End entry, Reduced bore - Floating ball - Soft seated	1/2"	FLANGED  FF, RF, RTJ	ASME B16.34	300	4.3	3.5		
	3/4"				5	4.0	A216 Gr. WCB	-29 / 260
	1"				7	4.3		
	1 1/2"				7.5	5.3	A352 Gr. LCC	-46 / 260
	2"				8.5	6.0		
	3"				10	7.0	A351 Gr. CF8M	-50 / 260
	4"				10	7.7		
	6"				13.5	9.5	A995 Gr. 6A	-50 / 260
MFF - 915 Multiport ball valve, Full bore - Floating ball - L, T or X port - Soft seated	1"	FLANGED  FF, RF, RTJ	ASME B16.34	150	5	4.0		
	1 1/2"				6	4.9		
	2"				7	5.5	A216 Gr. WCB	-29 / 260
	2 1/2"				7	5.8		
	3"				7.5	6.1		
	4"				8.5	6.5	A351 Gr. CF8M	-50 / 260
	6"				9.5	7.2		
	8"				12	8.1		
SBF - 1515 2 piece body - Side entry, Full bore - Trunnion ball - Soft seated	10"	FLANGED	ASME B16.34	150	13	8.9	A216 Gr. WCB	-29 / 260
	12"	FF, RF, RTJ			15	9.7	A351 Gr. CF8M	-50 / 260
SBF - 1530 2 piece body - Side entry, Full bore - Trunnion ball - Soft seated	8"	FLANGED  FF, RF, RTJ	ASME B16.34	300	15	11.1	A216 Gr. WCB	-29 / 260
	10"				16	12.9	A351 Gr. CF8M	-50 / 260
	12"				20	14.5		

NOV 14 2012

0C15527.52



Series or Model No. (Description)	SIZE	END CONNECTIONS	ASME STANDARD	PRESSURE CLASS	Min. Wall Thickness (Actual) in mm	Min. Wall Thickness ASME B16.34 Table 3 in mm	ASME/ASTM Material ASME B16.34 Table 1	Minimum / Maximum Design Temperature °C
STF - 2515 2 piece body - Side entry, Full bore - Trunnion ball - Spring loaded seats - Soft seated	2"	FLANGED  FF, RF, RTJ	ASME B16.34	150	7	5.5		
	3"				8.5	6.1		
	4"				9.5	6.5	A216 Gr. WCB	-29 / 230
	6"				11	7.2		
	8"				12	8.1	A352 Gr. LCC	-46 / 230
	10"				12.5	8.9		
	12"				14	9.7	A351 Gr. CF8M	-50 / 230
	14"				15	10.5		
	16"				16	11.4		
STF - 2530 2 piece body - Side entry, Full bore - Trunnion ball - Spring loaded seats - Soft seated	2"	FLANGED  FF, RF, RTJ	ASME B16.34	300	9	6.0		
	3"				10.5	7.0		
	4"				11.5	7.7	A216 Gr. WCB	-29 / 230
	6"				13.5	9.5		
	8"				16	11.1	A352 Gr. LCC	-46 / 230
	10"				18	12.9		
	12"				20	14.5	A351 Gr. CF8M	-50 / 230
	14"				23	16.2		
	16"				25	17.6		
STF - 2560 2 piece body - Side entry, Full bore - Trunnion ball - Spring loaded seats - Soft seated	2"	FLANGED  FF, RF, RTJ	ASME B16.34	600	9	6.2		
	3"				11.5	8.2	A216 Gr. WCB	-29 / 230
	4"				13.5	9.5		
	6"				18	13.0	A352 Gr. LCC	-46 / 230
	8"				23	16.5		
	10"				23	20.0	A351 Gr. CF8M	-50 / 230
	12"				28	23.4		
STF - 2515 2 piece body - Side entry, Full bore - Trunnion ball - Spring loaded seats - Metal seated	2"	FLANGED  FF, RF, RTJ	ASME B16.34	150	7	5.5		
	3"				8.5	6.1		
	4"				9.5	6.5	A216 Gr. WCB	-29 / 425
	6"				11	7.2		
	8"				12	8.1	A352 Gr. LCC	-46 / 350
	10"				12.5	8.9		
	12"				14	9.7	A351 Gr. CF8M	-50 / 550
	14"				15	10.5		
	16"				16	11.4		
STF - 2530 2 piece body - Side entry, Full bore - Trunnion ball - Spring loaded seats - Metal seated	2"	FLANGED  FF, RF, RTJ	ASME B16.34	300	9	6.0		
	3"				10.5	7.0		
	4"				11.5	7.7	A216 Gr. WCB	-29 / 425
	6"				13.5	9.5		
	8"				16	11.1	A352 Gr. LCC	-46 / 350
	10"				18	12.9		
	12"				20	14.5	A351 Gr. CF8M	-50 / 550
	14"				23	16.2		
	16"				25	17.6		
STF - 2560 2 piece body - Side entry, Full bore - Trunnion ball - Spring loaded seats - Metal seated	2"	FLANGED  FF, RF, RTJ	ASME B16.34	600	9	6.2		
	3"				11.5	8.2	A216 Gr. WCB	-29 / 425
	4"				13.5	9.5		
	6"				18	13.0	A352 Gr. LCC	-46 / 350
	8"				23	16.5		
	10"				23	20.0	A351 Gr. CF8M	-50 / 550
	12"				28	23.4		

**ASMA**

**SAFETY CODES ACT - PROVINCE OF ALBERTA**

**REGISTRATION OF FITTINGS**

REGISTRATION NO. **0C15527.52**

DWG. NO. or CAT. NO. *As listed herein*

TYPE OF FITTINGS *Ball Valves.*

NOV 14 2012 Date

INITIALS *[Signature]*

TETYANA UNSHCHENKO, P.Eng.  
DESIGN SURVEY ENGINEER



345 Carlingview Drive  
Toronto, Ontario  
CANADA M9W 6N9  
Tel.: 416.734.3300  
Fax.: 416.231.1626  
Toll Free: 1.877.682.8772  
**[www.tssa.org](http://www.tssa.org)**

October 02, 2018

GRAHAM STRINGER  
JC TL BALL VALVE CORPORATION  
20675 BOUL INDUSTRIEL  
STE-ANNE-DE-BELLEVUE QC H9X 4B2  
CA

Service Request Type.: BPV-National AB  
Service Request No.: 2320018  
Your Reference No.:  
Registered to.: JC TL BALL VALVE CORPORATION

Dear GRAHAM STRINGER,

Please find enclosed the original response from AB, registered under the CRN No.: 0C12200.52.

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you.  
For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail [customerservices@tssa.org](mailto:customerservices@tssa.org). When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Tanya Francis  
Administrative Assistant\_ BPV Engineering  
Tel. : 416-734-3423  
Fax : 416-231-6183  
Email : [tfrancis@tssa.org](mailto:tfrancis@tssa.org)

September 10, 2018

**Attention:** Joanna Karpinski  
TECHNICAL STANDARDS & SAFETY AUTHORITY  
345 CARLINGVIEW DRIVE  
TORONTO, ON M9W 6N9

**Email:** JKarpinski@tssa.org

The design submission, tracking number 2018-04092, originally received on June 25, 2018 was surveyed and accepted for registration as follows:

**CRN :** 0C12200.52

**Accepted on:** September 10, 2018

**Reg Type:** ADDITION TO ACC. FITTING

**Expiry Date:** May 18, 2028

**Drawing No. :** SCOPE OF REGISTRATION ATTACHED TO AB-41

**Fitting type:** TRUNNION BALL VALVES

Design registered in the name of : JC-TL BALL VALVE CORPORATION

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

- The Trunnion Ball Valves listed in the scope of registration are in full compliance and meet all aspects of B16.34 Standard

As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction are B16.34 and SECTION VIII, DIV. 1.

- 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.

Enclosed are stamped prints for your reference.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3360 or fax (780) 437-7787 or e-mail issa@absa.ca.

Sincerely,



ISSA, SAMIR, P. Eng.  
DOP Cert. No. D00009269



# STATUTORY DECLARATION Registration of Fittings

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

JC

I, Sanjay Sharma, Quality Assurance Coordinator  
(name of applicant) (position title) (must be in a position of authority)  
of JC-TL Ball Valve Corp  
(name of manufacturer)

located at 20675 Boul. Industriel, Ste. Anne De Bellevue, Quebec H9X 4B2  
(plant address)

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

- ☒ comply with the requirements of ASME B16.34 & ASME VIII Div. 1 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 (title of code of construction or other applicable document)  
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, MCNA 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 Trunnion mounted Ball Valve Series 6000, Size 2" -24", Class 150 -2500 (Please see product data sheet for details).  
(brief description of fittings)

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

Drawings, design calculations, certification & approvals and test reports.

DECLARED before me at Laval in the province of Quebec  
(city) (province or state)  
this 18 day of December, 2017  
(Month) (Year)

(print) PIERRE HENRI  
(a Commissioner of Oaths or Notary Public)

(sign) Pierre Henri # 63987  
(a Commissioner of Oaths or Notary Public)

Sanjay Sharma  
(signature of applicant)

## For ABSA Office Use Only:

NOTES: See the attached sheet for the scope of registration.

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: 0C12200-52

C. S. Sharma  
(Signature of the Administrator/SCO)

Date Registered: SEP 10 2018

Expiry Date: May 18, 2028





MODEL	SIZE RANGE	ANSI CLASS
6015	2" - 24"	150
6030	2" - 24"	300
6060	2" - 24"	600
6090	2" - 12"	900
6050	2" - 12"	1500

THIS IS PART OF CRN  
0C12200.5R1  
Technical Standards and Safety Authority  
Boilers and Pressure Vessels Safety  
Program

<b>ABSA</b>	
SAFETY CODES ACT - PROVINCE OF ALBERTA	
REGISTRATION OF FITTINGS	
REGISTRATION NO.	<b>0C12200.52</b>
DWG. NO. or CAT. NO.	<i>Support Registration Attached to AB-41</i>
TYPE OF FITTINGS	<i>Trunnion Ball Valves</i>
<b>SEP 10 2018</b>	<i>[Signature]</i>
Date	SAMIR ISSA, PENG. DESIGN SURVEY ENGINEER

20675 Boul. Industriel  
Ste. Anne De Bellevue, Quebec H9X 4B2  
(514) 457 5777  
www.trueline.ca