



To:	TSSA	From:	Janet Townsend
Company:	Qingdao Dixon Valve & Fitting Co., Ltd	Phone:	416-747-4291
Pages:	11	Location:	Toronto
Our File:	ANR-5570	Date:	December 11, 2019

Your File: 2723822

Subject: Request for Design Registration

CSA has reviewed the documentation submitted by TSSA on behalf of Qingdao Dixon Valve & Fitting Co., Ltd. These fittings have been registered by CSA for the Province of Québec. In accordance with an agreement between CSA, the Provinces of Québec and Saskatchewan; this registration is recognized by Quebec and Saskatchewan. These fittings are acceptable for use in these Provinces. The letters CSA will be applied as a prefix to the CRN indicate which fittings have been registered in this manner. A copy of the stamped Statutory Declaration is attached.

The CRN is CSA-0C21934.56.

A copy of the Statutory Declaration with an original stamp affixed will be forwarded to you along with our invoice by regular mail.

Yours truly

A handwritten signature in blue ink that reads 'Janet Townsend'.

Janet Townsend
Program Manager
CSA Group
178 Rexdale Blvd.
Toronto, ON, M9W 1R3



Canada

www.csagroup.org



Statutory Declaration Registration of Fittings

(a) Design Qualification

I¹ BIAN CHANGQING (Name of applicant)

CHIEF ENGINEER (Position eg, president, plant manager, chief eng.)

of QINGDAO DIXON VALVE & FITTING CO., LTD. (name of company)

Located at South Door, No. 2738, Haixi Road, Huangdao District, Qingdao City, Shandong Province, P.R. China (plant address)



do solemnly declare that the fittings listed hereunder, which are subject to the Boilers & Pressure Vessels Act:

comply with all the requirements of the ANSI/ASME codes as to their dimensions, material, identification & service for which are required:

Or
 are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with _____ code and standard, and are designed to the best current engineering practice, as shown by the supporting test data.

(b) Quality control of Manufacture

I further declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of ISO 9001:2015, and has been verified by the following authority or authorized agency CQC

The fittings² covered by this declaration, for which I seek registration, are CATEGORY C - BUTTERFLY AND CHECK VALVES



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

SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS

Declared before me at Qingdao

In the of Shandong of China

The 19 day of Aug AD 2019

[Signature]
A (commissioner for oaths)

[Signature]
Signature of Declarer³

For Official Use Only

The application is accepted for registration in Category C in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51.

This registration must be revalidated after ~~3~~ 3 years from the date of acceptance. EXP: 31ST OCT 2029

Registered Number CRN CSA-OC21934.56 For the Chief Inspector A. BANWATT

Date DEC. 05. 2019

¹ Three completed copies of Statutory Declaration form together with three copies of Catalogs, drawings or Bulletins illustrating above fittings shall be submitted.

² All fittings are required to be registered in the name of the Manufacturer.

³ This form shall be completed and signed by the president or highest official in the manufacturing plant where the fitting is produced.

REGISTERED



CRN: CSA-0C21934.56

Registration Process administered by
CSA Group per CSA B51

2202 2nd Ave.
Regina, SK S4R 1K3
PH: (306)798-7112 Toll Free: (866)530-8599
FAX: (306)787-9273 Toll Free: (866)760-9255
Email: boilerpermits@tsask.ca
Website: www.tsask.ca



**Technical
Safety Authority
of Saskatchewan**

Statutory Declaration (Registration of Fittings)

TSK-1008

I. Declaration Information

I, BIAN CHANGQING
CHIEF ENGINEER
(company title, e.g. vice president, plant manager, chief engineer)
(must be in a position of authority in the manufacturing plant where the fitting is produced)
of: QINGDAO DIXON VALVE & FITTING CO., LTD.
(name of manufacturer)

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



located at: South Door, No. 2738, Haixi Road, Huangdao District Qingdao City, Shandong Province P.R. China
(Plant Address - Apt/Street) (City,Prov) (Postal Code)

do solemnly declare that the fittings listed hereinunder, which are subject to the **Saskatchewan Boiler and Pressure Vessel Safety Act** (check one)

Comply with the requirements of ASME, API and MSS Codes which specifies the dimensions, Materials of construction, pressure / temperature ratings and identification marking of the fittings, or
(title of recognized North American Standard)

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 manufacturer of these fittings is controlled by a quality control program which has been verified by the following authority, ISO 9001:2015 CQE as being suitable for the manufacturer of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are CATEGORY C - BUTTERFLY AND CHECK VALVES

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

SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS

II. Declaration

DECLARED before me at Qingdao In the Shandong of China
this 19 day of Aug., 2019
任婧婧 (print name) 任婧婧 (Signature)
(Signature of Commissioner of Oaths)

III. Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the **Boiler and Pressure Vessel Safety Act** and CSA B51, Clause 4.2, and is accepted for registration in Category C

CSA-0C21934.56
(Registration Number)

DEC.05.2019
(Date Registered - MM DD YYYY)
(For the Administrator / Chief Inspector)

10-31-2029
(Expiry Date - MM DD YYYY)
A. BANWATT

*Note: See the attachment for the scope of the registration.





Toronto Ontario M9W 6N9
Tel: 416 734 3300
Fax: 416 231 1626
Toll Free 1 877 682 8772

www.tssa.org

October 31, 2019

SCOTT ISLIP
ROUND ENGINEERING INC
10 SEGWUN RD
WATERDOWN ON L8B 0K6
CA

Service Request Type: BPV-Fitting Registration
Service Request No.: 2697566
Your Reference No.: R-1155
Registered to: QINGDAO DIXON VALVE & FITTING CO., LTD

Dear SCOTT ISLIP,

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

CRN No.: 0C21934.5
Main Design No.: VALVES SERIES 25, 13, 14, 16, 34 & 36 - SEE SCOPE OF REGISTRATION (4PGS)
Expiry Date: 31-Oct-2029

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

Note: See attached "Part of CRN" for the scope.

The stamped copy of the approved registration and the invoice are mailed separately. 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,

Charley Dong, M.Sc. P.Eng.
Mechanical Engineer

Tel.: 416-734-3436
Fax: 416-231-6183
Email: cdong@tssa.org



QINGDAO DIXON VALVE & FITTING CO., LTD.

South Door, No. 2738, Haixi Road, Huangdao District,
Qingdao City, Shandong Province,
P.R. China



DIXONVAL
BEST SUPPORT OF YOUR BRANDS

02-Oct-19

PAGE 1 OF 4

SCOPE OF CRN REGISTRATION

Product Description	Product Series	Design Code	End Connection Inlet/Outlet	Body Material Specification	Size Range	Body Design Conditions (psig)	Report Number
Dual Disc Check Valves	Series #25	API 594 Eighth Edition, ASME B16.1 2015	CL 125 Wafer	Cast Iron ASTM A126-B	2" thru 12"	200 psig at 150°F 190 psig at 200°F 180 psig at 225°F 175 psig at 250°F 170 psig at 275°F 165 psig at 300°F 155 psig at 325°F 150 psig at 353°F 145 psig at 375°F 140 psig at 406°F 130 psig at 425°F 125 psig at 450°F	R-1155A
					14" thru 24"	150 psig at 150°F 135 psig at 200°F 130 psig at 225°F 125 psig at 250°F 120 psig at 275°F 110 psig at 300°F 105 psig at 325°F 100 psig at 353°F	
Resilient Seated Butterfly Valve	Series #13	MSS SP-67 2017	CL 125/150 Wafer and Lug	Ductile Iron ASTM A536 65-45-12 or Stainless Steel ASTM A351-CF8M	2" thru 24"	250 psig at 100°F 235 psig at 200°F 215 psig at 300°F 200 psig at 400°F 170 psig at 500°F	R-1155B



 ATTACHMENT TO
 C.R.N.: CSA-DC21934.56
 Signed: [Signature]
 178 Havelock Boulevard, Toronto, ON Canada M9W 1R3

THIS IS PART OF
 CRN 021934.5
 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Division

QINGDAO DIXON VALVE & FITTING CO., LTD.

South Door, No. 2738, Haixi Road, Huangdao District,
Qingdao City, Shandong Province,
P.R. China



DIXONVAL
BEST SUPPORT OF YOUR BRANDS

02-Oct-19

PAGE 2 OF 4

SCOPE OF GRN REGISTRATION CONTINUED

Product Description	Product Series	Design Code	End Connection Inlet/Outlet	Body Material Specification	Size Range	Body Design Conditions (psig)	Report Number
High Performance Butterfly Valve	Wafer: Series #14 Lug: Series #16	API 609 Eighth Edition, ASME B16.34 2017	CL 150 Wafer and Lug	Carbon Steel ASTM A216-WCB with PTFE Seat	2" thru 24"	285 psig at 100°F 273 psig at 150°F 260 psig at 200°F 245 psig at 250°F 230 psig at 300°F 140 psig at 350°F 50 psig at 400°F	R-1155C
				Carbon Steel ASTM A216-WCB with RPTFE Seat	2" thru 24"	285 psig at 100°F 273 psig at 150°F 260 psig at 200°F 245 psig at 250°F 230 psig at 300°F 215 psig at 350°F 100 psig at 400°F	
				Stainless Steel ASTM A351-CF8M with PTFE Seat	2" thru 24"	275 psig at 100°F 255 psig at 150°F 235 psig at 200°F 225 psig at 250°F 215 psig at 300°F 140 psig at 350°F 50 psig at 400°F	
				Stainless Steel ASTM A351-CF8M with RPTFE Seat	2" thru 24"	275 psig at 100°F 255 psig at 150°F 235 psig at 200°F 225 psig at 250°F 215 psig at 300°F 205 psig at 350°F 100 psig at 400°F	

THIS IS PART OF
GRN 11C.21934.5

Technical Standards & Safety Authority
Equipment Pressure Vessels
by Design
30F5

ATTACHMENT TO
C.R.N.: CFA-0021934.56
Signed: [Signature]
178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

QINGDAO DIXON VALVE & FITTING CO., LTD.

South Door, No. 2738, Haixi Road, Huangdao District,
Qingdao City, Shandong Province,
P.R. China



DIXONVAL
BEST SUPPORT OF YOUR BRANDS

02-Oct-19

PAGE 3 OF 4

SCOPE OF CRN REGISTRATION CONTINUED

Product Description	Product Series	Design Code	End Connection Inlet/Outlet	Body Material Specification	Size Range	Body Design Conditions (psig)	Report Number
High Performance Butterfly Valve	Wafer: Series #34 Lug: Series #36	API 609 Eighth Edition, ASME B16.34 2017	CL 300 Wafer and Lug	Carbon Steel ASTM A216-WCB with PTFE Seat	2" thru 24"	740 psig at 100°F 708 psig at 150°F 550 psig at 200°F 425 psig at 250°F 300 psig at 300°F 175 psig at 350°F 50 psig at 400°F	R-1155D
				Carbon Steel ASTM A216-WCB with RPTFE Seat	2" thru 24"	740 psig at 100°F 708 psig at 150°F 675 psig at 200°F 530 psig at 250°F 390 psig at 300°F 250 psig at 350°F 100 psig at 400°F	
				Stainless Steel ASTM A351-CF8M with PTFE Seat	2" thru 24"	720 psig at 100°F 670 psig at 150°F 550 psig at 200°F 425 psig at 250°F 300 psig at 300°F 175 psig at 350°F 50 psig at 400°F	
				Stainless Steel ASTM A351-CF8M with RPTFE Seat	2" thru 24"	720 psig at 100°F 670 psig at 150°F 620 psig at 200°F 530 psig at 250°F 390 psig at 300°F 250 psig at 350°F 100 psig at 400°F	

THIS IS PART OF
CRN DC21934.5
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Division

CSA GROUP
ATTACHMENT TO
C.R.N.: CSA-0201934.56
Signed: [Signature]
178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

QINGDAO DIXON VALVE & FITTING CO., LTD.

South Door, No. 2738, Haixi Road, Huangdao District, Qingdao City, Shandong Province, P.R. China



DIXONVAL
BEST SUPPORT OF YOUR BRANDS

02-Oct-19

PAGE 4 OF 4

SCOPE OF CRN REGISTRATION CONTINUED

Note 1: The body design conditions shown are the maximum CRN pressure-temperature design condition for various temperatures. In all cases the maximum allowable working pressure (MAWP) and maximum allowable working temperature (MAWT) may be limited by the seat, seal, closure disc or other considerations. Please consult the manufacturer.

Note 2: For low temperature operation the products shall conform to the rules of the applicable codes under which they are used.

THIS IS PART OF
CRN 0C21934.5
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Division

5 OF 5
CSA GROUP
ATTACHMENT TO
C.R.N.: CSA-0021934.56
Signed: Abbawat
178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3



QUALITY MANAGEMENT SYSTEM CERTIFICATE

Certificate No. 00117Q35522R1S/3700

We hereby certify that

Qingdao Dixon Valve & Fitting Co., Ltd.

Unified Social Credit Code: 91370211057280197A

South Door, No. 2738, Haixi Road, Huangdao District, Qingdao City, Shandong
Province, P.R. China

by reason of its
Quality Management System
has been awarded this certificate for compliance with the standard
GB/T 19001-2016 / ISO 9001:2015
The Quality Management System Applies in the following area:
Design and Manufacture of Industrial Valves for Export

Certified since: July 15, 2014 Valid from: August 27, 2018 Valid until: July 14, 2020

After a surveillance cycle, the certificate is valid only when used together with an Acceptance Notice of Surveillance Audit issued by CQC.
Please access www.cqc.com.cn for checking validity of the certificates.
This certificate and its relevant information can query in the website of Certification and Accreditation Administration of the People's
Republic of China (www.cnca.gov.cn).



中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C001-M


Signed by: Wang Kejiao



CHINA QUALITY CERTIFICATION CENTRE

Section 9, No. 188, Nansihuan (the South Fourth Ring Road) Xilu (West Road), Beijing 100070, China

<http://www.cqc.com.cn>



March 2019

CRN – Canadian Registration Numbers – Saskatchewan

The Province of Saskatchewan participates with Quebec and the Canadian Standards Association (CSA Group) for the registrations of “Fittings”.

Per an agreement with CSA Group in April 1998, Saskatchewan recognizes registrations done by CSA Group and accepts such fittings for use in Saskatchewan.

The letters “CSA” are applied as a prefix to the CRN to indicate which “Fittings” have been registered in this manner. You should inform your clients of this additional marking requirement and that “Fittings” registered by CSA Group are accepted for use in province of Saskatchewan, Canada.

178 Rexdale Blvd.
Toronto, Ontario
Canada M9W 1R3
Tel: (416) 747-4000
www.csagroup.org

