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August 30, 2016

SCOTT ISLIP
ROUND ENGINEERING INC
10 SEGWUN RD
WATERDOWN ON L0R 2H8
CA

Service Request Type.: BPV-National AB
Service Request No.: 1914904
Your Reference No.: VALVSOURCE
Registered to.: VALVSOURCE EQUIPMENT LTD

Dear SCOTT ISLIP,

Please find enclosed the original response from AB, registered under the CRN No.: 0C18512.52.

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. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Joanna Karpinski

Tel. : 416-734-3377
Fax : 416-231-6183
Email : jkarpinski@tssa.org

August 09, 2016

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

The design submission, tracking number 2016-04252, originally received on August 04, 2016 was surveyed and accepted for registration as follows:

CRN : 0C18512.52 **Accepted on:** August 09, 2016

Reg Type: New Design **Expiry Date:** June 09, 2026

Drawing No. : CRN-125WTI, 150/300/600WT & CRN-125WCI/FCI, 150/300-WCC/WCT Rev 0

Fitting type: DUAL DISC & SILENT WAFER/GLOBE CHECK VALVE

Design registered in the name of : VALVSOURCE EQUIPMENT LIMITED

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

- *The scope of registration is the check valves listed on the list "Scope of CRN Registration", dated 22-May-16.
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.

- *This registration has been issued:*

- 1. Based on TSSA's review.*
- 2. Based on the Association of Chief Inspectors Policy on Reciprocal Recognition of Design Review.*

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

Enclosed are stamped prints for your reference.

Sincerely,



STOJANOVIC, STEVAN, P. Eng.

STATUTORY DECLARATION Registration of Fittings



I, DAVID TERRY, PRESIDENT of VALVSOURCE EQUIPMENT LTD. located at 7031 56TH AVENUE, EDMONTON, ALBERTA, T6B 3L2

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

- comply with the requirements of ASME B16.1, B16.34, API 594 which specifies the dimensions, 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, ISO9001:2008 SAI GLOBAL 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 CATEGORY C - VALVES

In support of this application, the following information, calculations and/or test data are attached: SCOPE OF CRN, DATA AND DRAWINGS

DECLARED before me at Toronto in the Province of Ontario this 17th day of May, 2016 (print) Jimmy Marrelli (sign) Jimmy Marrelli (signature of applicant)

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, Clause 4.2, and is accepted for registration in Category C Registration Number: 0C18512.52 Date Registered: AUG 09 2016 STEVAN STOJANOVIC (Signature of the Administrator/SCO) Expiry Date: Jun. 09, 2016

0C18512.52

SCOPE OF CRN REGISTRATION

Product Description	FLOW+ / SSI Drawing No.	Part Number	Material Specification	Design Code	Size Range	ANSI Class	End Connection	MAWP at Temperature	MAWP at MAWT (Note 1)
Dual Plate Check Valve	CRN-125WTI	125WTI	ASTM A126-B Cast Iron	API-594, ASME B16.1	2" thru 12"	125 Lb.	Wafer	200 psig at 150F	125 psig at 450F
Dual Plate Check Valve	CRN-125WTI	125WTI	ASTM A126-B Cast Iron	API-594, ASME B16.1	14" thru 24"	125 Lb.	Wafer	200 psig at 150F	100 psig at 353F
Dual Plate Check Valve	CRN-150WT	150WTC	ASTM A216-WCB C.Steel	API-594, ASME B16.34	2" thru 24"	150 Lb.	Wafer, Lug	285 psig at 100F	80 psig at 800F
Dual Plate Check Valve	CRN-150WT	150WTT	ASTM A351-CF8M S.Steel	API-594, ASME B16.34	2" thru 24"	150 Lb.	Wafer, Lug	275 psig at 100F	20 psig at 1000F
Dual Plate Check Valve	CRN-300WT	300WTC	ASTM A216-WCB C.Steel	API-594, ASME B16.34	2" thru 12"	300 Lb.	Wafer, Lug	740 psig at 100F	410 psig at 800F
Dual Plate Check Valve	CRN-300WT	300WTT	ASTM A351-CF8M S.Steel	API-594, ASME B16.34	2" thru 12"	300 Lb.	Wafer, Lug	720 psig at 100F	365 psig at 1000F
Dual Plate Check Valve	CRN-600WT	600WTC	ASTM A216-WCB C.Steel	API-594, ASME B16.34	2" thru 8"	600 Lb.	Wafer, Lug	1480 psig at 100F	825 psig at 800F
Dual Plate Check Valve	CRN-600WT	600WTT	ASTM A351-CF8M S.Steel	API-594, ASME B16.34	2" thru 8"	600 Lb.	Wafer, Lug	1440 psig at 100F	725 psig at 1000F
Center Guided Check Valve	CRN-125WCI	125WCI	ASTM A126-B Cast Iron	MSS SP-125, ASME B16.1	2" thru 12"	125 Lb.	Wafer	200 psig at 150F	125 psig at 450F
Center Guided Check Valve	CRN-150/300WCC	150WCC	ASTM A216-WCB C.Steel	MSS SP-126, ASME B16.34	2" thru 12"	150 Lb.	Wafer	285 psig at 100F	80 psig at 800F
Center Guided Check Valve	CRN-150/300WCT	150WCT	ASTM A351-CF8M S.Steel	MSS SP-126, ASME B16.34	2" thru 12"	150 Lb.	Wafer	275 psig at 100F	20 psig at 1000F
Center Guided Check Valve	CRN-150/300WCC	300WCC	ASTM A216-WCB C.Steel	MSS SP-126, ASME B16.34	2" thru 8"	300 Lb.	Wafer	740 psig at 100F	410 psig at 800F
Center Guided Check Valve	CRN-150/300WCT	300WCT	ASTM A351-CF8M S.Steel	MSS SP-126, ASME B16.34	2" thru 8"	300 Lb.	Wafer	720 psig at 100F	365 psig at 1000F
Center Guided Check Valve	CRN-125FCI	125FCI	ASTM A126-B Cast Iron	MSS SP-125, ASME B16.1	2" thru 12"	125 Lb.	125 Lb. Flanged	200 psig at 150F	125 psig at 450F
Center Guided Check Valve	CRN-125FCI	125FCI	ASTM A126-B Cast Iron	MSS SP-125, ASME B16.1	14" thru 16"	125 Lb.	125 Lb. Flanged	200 psig at 150F	100 psig at 353F
Center Guided Check Valve	CRN-150FCC	150FCC	ASTM A216-WCB C.Steel	MSS SP-126, ASME B16.34	2" thru 16"	150 Lb.	150 Lb. Flanged	285 psig at 100F	80 psig at 800F
Center Guided Check Valve	CRN-150FCT	150FCT	ASTM A351-CF8M S.Steel	MSS SP-126, ASME B16.34	2" thru 16"	150 Lb.	150 Lb. Flanged	275 psig at 100F	20 psig at 1000F

Note 1: In all cases seat and seal material limit the maximum operating temperature. Consult Flow+ and SSI literature for manufacturers maximum temperature ratings.