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TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO ON M9W 6N9

Date: August 10, 2016
Account #: 35231
Journal #: 66141
Our File #: 5603136

Attn: TANYA FRANCIS

Re: Application for Design Registration

The design, as detailed in your, TSSA SR No. 1914914, for a Fitting is accepted for registration as follows:

Registered To: VALVSOURCE EQUIPMENT LTD **CRN:** 0C18512.51

Drawing #: CRN-125WTI etc.

Drawing Revision: 0

Conditions Of Registration:

Registration of check valves as per scope of of registration.

This design was registered based on a technical review performed by the province of initial registration in accordance with the Association of Chief Inspectors policy on reciprocal recognition of design review.

Reviewer's Notes:

As required by CSA B51 4.2.1, this registration expires on June 09, 2026. This CRN is valid until the expiry date as long as the Manufacturer maintains a valid quality control program verified by an acceptable third-party agency until that date. Should the certification of the quality control program lapse before the expiry date, this registration shall become void.

Contact me if you have any questions. The invoice for registration will be forwarded under separate cover.

KURTIS MCLELLAND
(778) 396-2077
Kurtis.McLelland@safetyauthority.ca
Design Administration

cc:

VALVSOURCE EQUIPMENT LTD.
7031 56TH AVENUE
EDMONTON, ALBERTA
T6B 3L2, CANADA

THIS IS PART OF
CRN 0C18512.5
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Division



22-May-16

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SCOPE OF CRN REGISTRATION

J#66141

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.