



345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: 416.734.3300
Fax: 416.231.1626
Toll Free: 1.877.682.8772

www.tssa.org

July 06, 2020

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

Service Request Type: BPV-Fitting Registration
Service Request No.: 2863730
Your Reference No.: R-1239
Registered to: WATSON MCDANIEL

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.: 0C22540.5
Main Design No.: DESIGN REPORT NUMBER R-1239 REV. 0 CHECK VALVES
Expiry Date: 06-Jul-2030

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

Note:

Please refer to scope of registration for more information.

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,

Norman Ngai

Norman Ngai, P. Eng.
Mechanical Engineer
Boilers and Pressure Vessels
Safety Program
Tel. : 416-734-3557
Fax : 416-231-6183
Email : nngai@tssa.org
www.tssa.org



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, ROBERT HICKEY, GENERAL MANAGER
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of WATSON MCDANIEL
(Name of Manufacturer)

Located at 428 JONES BLVD., POTTSTOWN, PENNSYLVANIA, 19464 610-495-5131 610-495-5134
(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, ASME B31.3, ASME B31.1
(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, HSB

The items covered by this declaration, for which I seek registration, are category C - Check Valves type fittings. In support of this application, the following information and/or test data are attached as follows:

SCOPE OF CRN REGISTRATION, REPORTS, DRAWINGS, CALCULATIONS

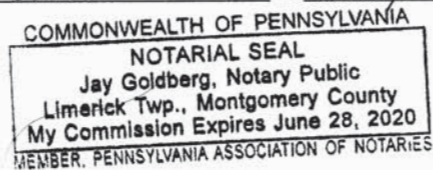
(drawings, calculations, test reports, etc.)

Declared before me at Pottstown in the State of Pennsylvania
 the 2nd day of June AD 2020.

Commissioner for Oaths:

Jay Goldberg
(Printed name)

Jay Goldberg
(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 C.

CRN: 0C22540.5

Registered by: NORMAN NGAI

Dated: Jul. 6, 2020.

NOTE: This registration expires on: Jul. 6, 2030.

Technical Standards and Safety Authority
 Boilers and Pressure Vessels Safety Program

REGISTERED

C.R.N.: 0C22540.5

Signed: Norman Ngai

Date: July 6, 2020.

Registration Note: - Please refer to Scope of Registration for more information.

*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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(Title of recognized North American Standard)
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(drawings, calculations, test reports, etc.)

Declared before me at Pottstown in the State of Pennsylvania
the 2nd day of June AD 2020.

Commissioner for Oaths:
Jay Goldberg
(Printed name)
Jay Goldberg
(Signature)

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Jay Goldberg, Notary Public
Limerick Twp., Montgomery County
My Commission Expires June 28, 2020
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

[Handwritten 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: _____

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SCOPE OF CRN REGISTRATION

Product Description	Design Code	Material Specification	Series	Size Range	Inlet/Outlet	MAWP at 100°F	MAWP at MAWT (psig)	Report Number
Check Valve	ASME B16.34, ASME B31.3, ASME B31.1	Stainless Steel ASTM A351-CF8M	WSSCV, WSSCV-QF	1/2", 3/4", 1" 1-1/4", 1-1/2", 2"	NPT, Socket Weld	750 psig	750 psig at 100°F 420 psig at 850°F	R-1239
Check Valve	ASME B31.3, ASME B31.1	Stainless Steel ASTM A351-CF8M	WSSCV	3"	NPT, Socket Weld	750 psig	750 psig at 100°F 420 psig at 850°F	R-1239

Note 1: MAWP = Maximum Allowable Working Pressure, MAWT = Maximum Allowable Working Temperature.

Note 2: The pressure-temperature ratings shown are the maximum CRN pressure-temperature ratings. In all cases the MAWP may be limited by the seat or seal material or other considerations. Please consult Watson McDaniel literature.

Note 3: 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
 0C22540.5
 Technical Standards and Safety Authority
 Boilers and Pressure Vessels Safety Program