



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)

April 26, 2019

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

Service Request Type.: BPV-National MB  
Service Request No.: 2419136  
Your Reference No.: R-0939  
Registered to.: WATSON MCDANIEL

Dear SCOTT ISLIP,

Please find enclosed the original response from MB, registered under the CRN No.: 0C20643.54.

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)



**Inspection and Technical Services Manitoba**  
500 - 401 York Avenue  
Winnipeg Manitoba R3C 0P8  
T (204) 945-3373  
F (204) 948-2309  
[www.firecomm.gov.mb.ca/codes\\_steam\\_pressure.html](http://www.firecomm.gov.mb.ca/codes_steam_pressure.html)

March 29, 2019

Technical Standards & Safety Authority (TSSA)  
345 Carlingview Drive  
Toronto, Ontario  
M9W 6N9

Attn: Tanya Francis

### REGISTRATION OF VALVES AND FITTINGS

**Manufacturer:** Watson McDaniel

The design(s) for the following Valves/Fittings has been received by us and has been examined and accepted for registration in the Province of Manitoba as follows.

DRAWING / CATALOGUE	CRN	FILE
Pilot Operated Regulating Valves See Scope of Registration (Dated 3 <sup>rd</sup> /2018, 1 Page)	0C20643.54	39436

**An invoice covering survey and registration fees is enclosed.**

**NOTE:**

CRN registered under reciprocal agreement & is conditional based on compliance with the notes set by the original issuing Jurisdiction: **“Technical Standards & Safety Authority (TSSA)”**

- See attached stamped “this is part of CRN” for scope of registration.
- This registration expires: **Aug 22<sup>nd</sup>/2028**

This registration is valid 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.

The registration of this design does not relieve the manufacturer, the owner or his agent of the responsibility for the design or construction of a fitting in accordance with the applicable Acts, Codes and Standards. Inspection and Technical Services assumes no responsibility by registering designs, examining plans and/or inspecting equipment or facility.

Yours truly,

**Mohamed Elsayed, P.Eng, SSGB**

*Inspector & Design Surveyor*

Office of the Fire Commissioner

Inspection and Technical Services Manitoba

508 - 401 York Avenue

Winnipeg, Manitoba, R3C 0P8

Email: [Mohamed.Elsayed@gov.mb.ca](mailto:Mohamed.Elsayed@gov.mb.ca)

Cell: (204) 794-3534

Website: <http://www.firecomm.gov.mb.ca>



**TECHNICAL STANDARDS & SAFETY AUTHORITY**  
 14th Floor, Centre Tower  
 3300 Bloor Street West  
 Toronto, Ontario  
 Canada M8X 2X4

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

(Plant Address)

610-495-5131

(Telephone No.)

610-495-5134

(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 B31.1, ASME B31.3

(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 9001:2008 which has been verified by the following authority, HSB

The items covered by this declaration, for which I seek registration, are category C VALVES AND PILOTS type fittings. In support of this application, the following information and/or test data are attached as follows:  
SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS

(drawings, calculations, test reports, etc.)

Declared before me at Pottstown in the State of Pennsylvania

the 4th day of June AD 20 18

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

[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: 0C20643.54

Registered by: Mohamed Elsayed.

Dated: Mar 29th / 2019.

NOTE: This registration expires on Aug 22nd / 2020.

Inspection & Technical Services  
 Manitoba  
 Office of the Fire Commissioner

**Manitoba**  
**REGISTERED**  
 C.R.N.: 0C20643.54  
 Signed: [Signature]  
 Date: Mar 29th / 2019.

\* see attached scope of Registration Dated Aug 3rd / 2018 (1 Page)  
[Signature] Mar 29th / 2019.



**WATSON MCDANIEL**  
 428 JONES BLVD.  
 POTTSTOWN, PENNSYLVANIA  
 19464, U.S.A.

03-Aug-18

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**SCOPE OF CRN REGISTRATION**

Product Description	Model	Design Code	Size Range	End Connection Inlet/Outlet	Material Specification	MAWP at MAWT (psig)	Report Number
Main Valve	HD	ASME B31.1, ASME B31.3.	1/2", 3/4", 1", 1-1/4", 1-1/2", 2"	NPT	Ductile Iron ASTM A536 Grade 65-45-12	300 psig at 450°F	R-0939A
Main Valve	HD	ASME B31.1, ASME B31.3.	1", 1-1/2", 2", 2-1/2", 3", 4", 6"	CL. 150 Flanged	Ductile Iron ASTM A536 Grade 65-45-12	150 psig at 450°F	R-0939A
Main Valve	HD	ASME B31.1, ASME B31.3.	1", 1-1/2", 2", 2-1/2", 3", 4", 6"	CL. 300 Flanged	Ductile Iron ASTM A536 Grade 65-45-12	300 psig at 450°F	R-0939A
Solenoid Pilot	PS	ASME B31.1, ASME B31.3.	Bolts to HD Main Valve		Body: Cast Iron ASTM A126-B, Cover: Carbon Steel ASTM A36	250 psig at 450°F	R-0939B
Temperature Pilot	PT & PTRP	ASME B31.1, ASME B31.3.	Bolts to HD Main Valve		Carbon Steel ASTM A216-WCB	300 psig at 450°F	R-0939C
Pressure Pilot	PP	ASME B31.1, ASME B31.3.	Bolts to HD Main Valve		Carbon Steel ASTM A216-WCB	300 psig at 450°F	R-0939D
Pressure Pilot High Accuracy	PP5	ASME B31.1, ASME B31.3.	Bolts to HD Main Valve		Body: Carbon Steel ASTM A216-WCB, Cover: Cast Iron ASTM A126-B	250 psig at 450°F	R-0939D
Back Pressure Pilot	PBP	ASME B31.1, ASME B31.3.	Bolts to HD Main Valve		Carbon Steel ASTM A216-WCB	300 psig at 450°F	R-0939D
Air Pilot	PA	ASME B31.1, ASME B31.3.	Bolts to HD Main Valve		Body: Carbon Steel ASTM A216-WCB, Cover: Cast Iron ASTM A126-B	250 psig at 450°F	R-0939D

**Note 1:** For low temperature operation the products shall conform to the rules of the applicable codes under which they are used.

**Note 2:** In all cases the pressure-temperature ratings of the valves may be limited by the seat and seal materials. Consult Watson McDaniel literature.

