

February 09, 2019

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

**Email:** tfrancis@tssa.org

The design submission, tracking number 2018-06968, originally received on October 17, 2018 was surveyed and accepted for registration as follows:

**CRN :** 0C16711.2 **Accepted on:** February 09, 2019  
**Reg Type:** NEW DESIGN **Expiry Date:** February 09, 2029  
**Drawing No. :** PILOT OPERATED REGULATING VALVES - SCOPE Rev 30JAN19  
**Fitting type:** VALVE  
Design registered in the name of : WATSON MCDANIEL COMPANY

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

*As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction are ASME B31.1 and ASME B31.3.*

- *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.*

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

Enclosed are stamped prints for your reference.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3388 or fax (780) 437-7787 or e-mail Liu@absa.ca.

Sincerely,



LIU, XING, P. Eng.  
DOP Cert. No. D00008861

STATUTORY DECLARATION Registration of Fittings



I, ROBERT HICKEY, GENERAL MANAGER, of WATSON MCDANIEL located at 428 JONES BLVD., POTTSTOWN, PENNSYLVANIA, 19464

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

- comply with the requirements of ASME B31.1, B31.3 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 attached 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, ISO 9001:2008 HSB 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 AND PILOTS

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

SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS

DECLARED before me at Pottstown in the State of Pennsylvania this 4th day of June, 2018. Jay Goldberg, Notary Public, Limerick Twp., Montgomery County. My Commission Expires June 28, 2020. Jay Goldberg, Notary Public, Limerick Twp., Montgomery County, My Commission Expires June 28, 2020. MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES. Jay Goldberg, Notary Public, Limerick Twp., Montgomery County, My Commission Expires June 28, 2020. MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES.

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

Registration Number: 0C16711.2

Date Registered: 2019-02-09 Expiry Date: 2029-02-09



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

30-Jan-19

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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	225 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	225 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.