

## REGISTRATION OF A PRESSURE FITTING DESIGN

01-Sep-20

TSSA  
345 Carlingview Drive  
Toronto, Ontario  
M9W 6N9

**Attention: Tanya Francis**

**File Number: 11663 [ 0 F ]**

**Re: Manufacturer: Watson McDaniel**  
**Item: Check Valves**  
**Catalog or Drawing: Per Scope of Registration (18-May-20) & Design Report (R-1239 Rev. 0)**

TSASK Codes and Standards Compliance has registered the design listed above in accordance with The Boiler and Pressure Vessel Act and Regulations and CSA B51. The Canadian Registration Number (CRN) is:

**OC22540.53                      Expiry Date: July 6, 2030**

Please note that every fitting shall be constructed in strict accordance with the registered design.

Fitting registrations are required to be resubmitted for validation after ten (10) years from the registration date in accordance with CSA B51, Clause 4.2.1.

Should you require anything further, please do not hesitate to contact the Codes and Standards Compliance Office at your convenience.

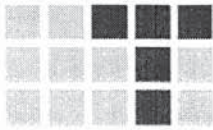
Yours truly,



Athan Syrgiannis, P.Eng.  
Codes and Standards Compliance

### Remarks:

A valid quality control program must be maintained at the production facility for the fitting registration to remain valid until the expiry date.



**Statutory Declaration (Registration of Fittings)**

TSK-1008

**I. Declaration Information**

I, ROBERT HICKEY  
GENERAL MANAGER  
(company title, e.g. vice president, plant manager, chief engineer)  
(must be in a position of authority in the manufacturing plant where the fitting is produced)  
of: WATSON MCDANIEL  
(name of manufacturer)

In this space, show facsimile of manufacturer's logo or trademark as it will



located at: 428 JONES BLVD POTTSTOWN, PENNSYLVANIA 19464, U.S.A.  
(Plant Address - Apt/Street) (City, Prov) (Postal Code)

do solemnly declare that the fittings listed hereinunder, which are subject to the **Saskatchewan Boiler and Pressure Vessel Safety Act** (check one)

- Comply with the requirements of ASME B16.34, ASME B31.1, ASME B31.3 which specifies the dimensions, (title of recognized North American Standard) 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 manufacturer of these fittings is controlled by a quality control program which has been verified by the following authority, ISO 9001 HSB as being suitable for the manufacturer of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are CATEGORY C - CHECK VALVES

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

**II. Declaration**

DECLARED before me at Pottstown In the State of Pennsylvania  
this 2nd day of June 2020

Jay Goldberg  
(print name)  
J. H. H.  
(Signature of Commissioner of Oaths)

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

**III. Office Use Only**

To the best of my knowledge and belief, the application meets the requirements of the **Boiler and Pressure Vessel Safety Act** and CSA B51, Clause 4.2, and is accepted for registration in Category \_\_\_\_\_

**Technical Safety Authority of Saskatchewan**

Registration No. OC22540.53

File No. 11663

Registered

Date: September 1, 2020

Expiry Date: July 6, 2030

Codes & Standards Compliance Office

(Date Registered - MM DD YYYY) (Expiry Date - MM DD YYYY)  
(For the Administrator / Chief Inspector)

**Statutory Declaration (Registration of Fittings)**

TSK-1008

**I. Declaration Information**

I, ROBERT HICKEY  
GENERAL MANAGER  
(company title, e.g. vice president, plant manager, chief engineer)  
(must be in a position of authority in the manufacturing plant where the fitting is produced)  
of: WATSON MCDANIEL  
(name of manufacturer)

In this space, show facsimile of manufacturer's logo or trademark as it will



located at: 428 JONES BLVD POTTSTOWN, PENNSYLVANIA 19464, U.S.A.  
(Plant Address - Apt/Street) (City, Prov) (Postal Code)

do solemnly declare that the fittings listed hereinunder, which are subject to the **Saskatchewan Boiler and Pressure Vessel Safety Act** (check one)

- Comply with the requirements of ASME B16.34, ASME B31.1, ASME B31.3 which specifies the dimensions, Materials of construction, pressure / temperature ratings and identification marking of the fittings, or  
(title of recognized North American Standard)
- 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 manufacturer of these fittings is controlled by a quality control program which has been verified by the following authority, ISO 9001 HSB as being suitable for the manufacturer of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are CATEGORY C - CHECK VALVES

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

**II. Declaration**

DECLARED before me at Pottstown In the State of Pennsylvania  
this 2nd day of June  
COMMONWEALTH OF PENNSYLVANIA  
Jay Goldberg (print name)  
Jay Goldberg (Signature)  
**NOTARIAL SEAL**  
Jay Goldberg, Notary Public  
Limerick Twp., Montgomery County  
My Commission Expires June 28, 2020  
PENNSYLVANIA ASSOCIATION OF NOTARIES

**III. Office Use Only**

To the best of my knowledge and belief, the application meets the requirements of the **Boiler and Pressure Vessel Safety Act** and CSA B51, Clause 4.2, and is accepted for registration in Category \_\_\_\_\_



**Technical  
Safety Authority  
of Saskatchewan**

Registration No. OC22540.53  
File No. 11663  
  
Date: September 1, 2020  
Expiry Date: July 6, 2030  
Codes & Standards Compliance Office

(Date Registered - MM DD YYYY)  
(For the Administrator / Chief Inspector)

(Expiry Date - MM DD YYYY)



**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.

