

Montréal, le 28 septembre 2020.

MRS. TANYA FRANCIS  
TECHNICAL STANDARDS & SAFETY AUTHORITY  
345 CARLINGVIEW DRIVE  
TORONTO ONTARIO  
CANADA M9W6N9

Manufacturer : WATSON MCDANIEL  
428 JONES BOULEVARD  
POTTSTOWN P.A.  
U.S.A. 19464

OUR REFERENCE : 950733  
Design number : DESIGN REPORT NUMBER R-1239 REV. 0  
3" CHECK VALVES

**Subject: Design registration confirmation**

Hi,

We wish to inform you that your design registration application has been evaluated and that it was registered under the following Canadian Registration Number (CRN): **0C22540.56.**

The following is a reminder of your obligations regarding certain requirements of the regulation respecting pressure vessels, and the referenced codes and standards:

- The manufacturer must maintain a valid quality control program to manufacture equipment according to the CRN.
- The CRN remains valid as long as there are no changes to the design calculations that might affect the pressure boundary. The design registration of fittings expires 10 years after acceptance. It must, therefore, be resubmitted for validation.
- The manufacturer shall submit a copy of the *Manufacturer's Data Report* to us for each equipment manufactured according to this CRN within 30 days following the signing of this report.
- The drawing number and the revision number registered under this CRN must be indicated on the *Manufacturer's Data Report* for equipment manufactured according to the CRN.

This notice of approval does not relieve the manufacturer of their responsibilities with respect to the design or fabrication of equipment manufactured according to this CRN.

Yours sincerely,

Bureau d'expertise et d'homologation en équipements sous pression

**Montréal**

545, boul. Crémazie Est, 7ième étage  
Montréal (Québec) H2M 2V2  
Téléphone : 514 873-6459  
Sans frais : 1 866 262-2084  
[www.rbq.gouv.qc.ca](http://www.rbq.gouv.qc.ca)

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Fabricant : WATSON MCDANIEL  
428 JONES BOULEVARD  
POTTSTOWN P.A.  
U.S.A. 19464

Numéro de dossier : 950733

Numéro(s) de dessin(s) : DESIGN REPORT NUMBER R-1239 REV. 0  
3" CHECK VALVES

**Objet : Enregistrement des plans et devis – Confirmation de l'enregistrement**

Bonjour,

Nous vous informons que votre demande d'enregistrement de plans et devis a été traitée et que cette conception a été enregistrée sous le numéro d'enregistrement canadien (NEC\CRN) suivant : **0C22540.56**.

Nous portons votre attention sur certaines exigences réglementaires concernant les installations sous pression, ainsi que des codes et normes qui y sont associés :

- Le fabricant doit maintenir un programme de contrôle de la qualité valide pour fabriquer un équipement selon ce NEC;
- Ce numéro d'enregistrement demeure valide tant et aussi longtemps que les paramètres de conception demeurent inchangés. Dans le cas d'accessoires, l'enregistrement est valide pour une durée de 10 ans à partir de la date d'enregistrement. Les documents de conception doivent alors être resoumis pour validation;
- Le fabricant doit nous transmettre une copie de la *Déclaration de conformité du constructeur (Manufacturer's Data Report)* pour chaque appareil ou chaudière fabriqué selon ce NEC dans les 30 jours suivant la signature de cette déclaration;
- Le numéro de dessin enregistré et le numéro de révision doivent être indiqués sur la déclaration de conformité pour les équipements fabriqués selon ce NEC.

Le présent avis d'approbation ne dégage pas le fabricant de ses responsabilités quant à la conception ou à la construction des équipements ou d'accessoires fabriqués selon un NEC.

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## Statutory Declaration Registration of Fittings

**(a) Design Qualification**

I<sup>1</sup> ROBERT HICKEY  
(Name of applicant)



GENERAL MANAGER  
(Position eg, president, plant manager, chief eng.)

of WATSON MCDANIEL  
(name of company)

Located at 428 JONES BLVD., POTTSTOWN, PENNSYLVANIA, 19464  
(plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Boilers & Pressure Vessels Act:

- comply with all the requirements of the ANSI/ASME codes as to their dimensions, material, identification & service for which are required:
- Or
- are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with \_\_\_\_\_ code and standard, and are designed to the best current engineering practice, as shown by the supporting test data.

**(b) Quality control of Manufacture**

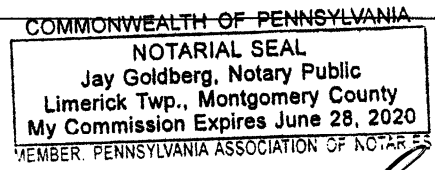
I further declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of ISO 9001:2015, and has been verified by the following authority or authorized agency HSB

The fittings<sup>2</sup> covered by this declaration, for which I seek registration, are CATEGORY C CHECK VALVES

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

SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS

Declared before me at Pottstown  
 In the of State of Pennsylvania  
 The 2nd day of June AD 2020  
  
(commissioner for oaths)



Signature of Declarer<sup>3</sup>

**For Official Use Only**

The application is accepted for registration in Category \_\_\_\_\_ in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51.

This registration must be revalidated after ten (10) years from the date of acceptance.

Registered Number CRN \_\_\_\_\_ For the Chief Inspe \_\_\_\_\_  
 Date \_\_\_\_\_

<sup>1</sup> Three completed copied of Statutory Declaration form together with three copies of Catalogs, drawings of Bulletins illustrating above fittings shall be submitted.  
<sup>2</sup> All fittings are required to be registered in the name of the Manufacturer.  
<sup>3</sup> This form shall be completed and signed by the president of highest official in the manufacturing plan where the fitting is produced.



**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-GT	1/2", 3/4", 1" 1-1/4, 1-1/2, 2 EXEMPT	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.

