



To:	TSSA	From:	Janet Townsend
Company:	Watson McDaniel	Phone:	416-747-4291
Pages:	7	Location:	Toronto
Our File:	ANR-5014	Date:	July 19, 2018

Your File: 2325657

**Subject: Request for Design Registration**

Dear Ms. Francis,

CSA has reviewed the documentation submitted by TSSA on behalf of Watson McDaniel. These fittings have been registered by CSA for the Province of Québec. In accordance with an agreement between CSA, the Provinces of Québec and Saskatchewan; this registration is recognized by Quebec and Saskatchewan. These fittings are acceptable for use in these Provinces. The letters CSA will be applied as a prefix to the CRN indicate which fittings have been registered in this manner. A copy of the stamped Statutory Declaration is attached.

The CRN is CSA-0E20358.56.

A copy of the Statutory Declaration with an original stamp affixed will be forwarded to you along with our invoice by regular mail.

Yours truly

A handwritten signature in blue ink that reads 'Janet Townsend'.

**Janet Townsend**  
Program Manager  
CSA Group

178 Rexdale Blvd.  
Toronto, ON, M9W 1R3  
Canada  
[www.csagroup.org](http://www.csagroup.org)

REGISTERED  
CRN: CSA-0E20358.56  
administered by  
CSA Group per CSA B51



Statutory Declaration Registration of Fittings

(a) Design Qualification

1) 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: ASME B31.1 & B31.3

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 9001:2008, 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 E STEAM TRAPS

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 22nd day of March AD 2018

Commissioner for oaths

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 of Declarer

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. May 18 2028

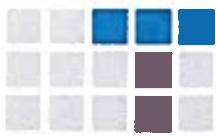
Registered Number CRN CSA-0E20358.56

For the Chief Inspector A. BANWATT  
Date July 18 2018



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





# Technical Safety Authority of Saskatchewan

REGISTERED

CRN: CSA-OE 2035 8-56



2202 2nd Ave.  
Regina, SK S4R 1K3  
PH: (306)798-7112 Toll Free: (866)530-8599  
FAX: (306)787-9273 Toll Free: (866)760-9255  
Email: [boilerpermits@tsask.ca](mailto:boilerpermits@tsask.ca)  
Website: [www.tsask.ca](http://www.tsask.ca)

Registration Process administered by

CSA Group per CSA B51

## 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)

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.



of: WATSON MCDANIEL  
(name of manufacturer)

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 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: 2008 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 E STEAM TRAPS

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 22nd day of March, 2018  
Jay Goldberg (print name) \_\_\_\_\_ (Signature)  
(Signature of Commissioner of Health) \_\_\_\_\_  
COMMONWEALTH OF PENNSYLVANIA  
NOTARIAL SEAL  
Jay Goldberg, Notary Public  
Limerick Twp., Montgomery County  
My Commission Expires June 28, 2020

### 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 \_\_\_\_\_

CSA-OE 2035 8-56 July 18 2018 May 18 2028  
(Registration Number) (Date Registered - MM DD YYYY) (Expiry Date - MM DD YYYY)  
(For the Administrator / Chief Inspector) A. BANWATT



TSK-1008  
Rev. 10/2012  
Page 1 of 1

\*Note: See the attachment for the scope of the registration



345 Carlingview Drive  
Toronto, Ontario M9W 6N9  
Tel. 416.734 3300  
Fax. 416.231 1626  
Toll Free: 1.877.682.8772

www.tssa.org

May 18, 2018

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

**Service Request Type:** BPV-Fitting Registration  
**Service Request No.:** 2285856  
**Your Reference No.:** R-0888  
**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.: OE20358.5  
Main Design No.: TD600, TD600L, TD600S, TD600LS, WT1000, WT1500, WT2000, WT2001, WT2003 STEAM TRAPS, SEE SCOPE  
Expiry Date: 18-May-2028

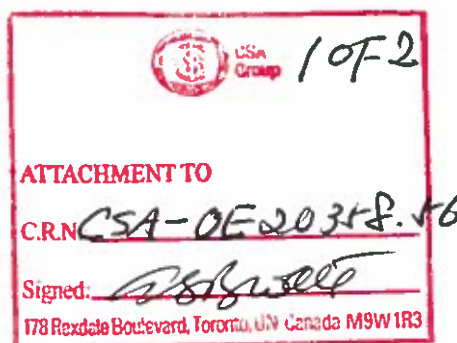
Please be advised that a valid quality control system must be maintained for the fitting registration to remain valid until the expiry date.

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







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

12-Apr-18

PAGE 1 OF 1

**SCOPE OF CRN REGISTRATION**

Product Description	Model	Design Code	Size Range	End Connection Inlet/Outlet	Material Specification	MAWP at MAWT (psig)	Report Number
Thermodynamic Steam Trap	TD600, TD600L	ASME B31.1, ASME B31.3.	3/8", 1/2", 3/4", 1"	NPT	Stainless Steel ASTM A582-420F, ASTM A582-416	600 psig at 800°F	R-0888A
Thermodynamic Steam Trap	TD600S, TD600LS	ASME B31.1, ASME B31.3.	1/2", 3/4", 1"	NPT	Stainless Steel ASTM A743-CA40F, ASTM A582-416	600 psig at 750°F	R-0888B
Thermostatic Steam Trap	WT1000	ASME B31.1, ASME B31.3.	1/2", 3/4"	NPT	Stainless Steel ASTM A182-F304L	800 psig at 750°F	R-0888C
Thermostatic Steam Trap	WT1500	ASME B31.1, ASME B31.3.	1/2"	NPT	Stainless Steel ASTM A351-CF8M	362 psig at 752°F	R-0888D
Thermostatic Steam Trap	WT2000, WT2001, WT2003	ASME B31.1, ASME B31.3.	1/2", 3/4"	NPT	Stainless Steel ASTM A351-CF3	800 psig at 750°F	R-0888E

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 accordance with ASME B31.1 para 123.1.2(D) when this product is used under the ASME B31.1 code, the owner must accept the use of the following non listed materials:

- ASTM A582-420F
- ASTM A582-416
- ASTM A743-CA40F

In all cases the above unlisted materials shall only be used for nonboiler external piping.

THIS IS PART OF  
 CRN 0E20358.5  
 Technical Standards & Safety Authority  
 Boilers & Pressure Vessels  
 Safety  
 N.H. MAY 18, 2018

USA  
 Group  
 ATTACHMENT TO  
 C.R.N. 0E20358.5  
 Signed: [Signature]  
 178 Bendale Boulevard, Toronto, ON Canada M9W 1R3

HSB Registration Services  
595 E. Swedesford Road  
Wayne, Pennsylvania 19087

# Certificate of Registration

*This is to certify that:*

**Watson McDaniel Company**  
**428 Jones Boulevard**  
**Limerick Airport Business Center**  
**Pottstown, PA 19464**

*Has established and applied an Quality Management System for:*  
**Design, Manufacture, and Supply of Quality**  
**Steam & Fluid Specialty Products**

*Proof has been furnished that the requirements according to*  
**ISO 9001:2008**  
*are fulfilled.*

**Certificate Number: Q 14**

**Initial Audit Date: August 9, 1995**

**Effective Date: October 26, 2016**

**Expiration Date: September 15, 2018**

**Revision Date: January 1, 2017**

  
Signed on behalf of HSB Registration Services



Hartford Steam Boiler



178 Rexdale Blvd.  
Toronto, Ontario  
Canada M9W 1R3  
Tel: (416) 747-4000  
[www.csagroup.org](http://www.csagroup.org)



March 2017

## **CRN – Canadian Registration Numbers - Saskatchewan**

The Province of Saskatchewan participates with Quebec and the Canadian Standards Association (CSA Group) for the registrations of “Fittings”.

Per an agreement with CSA Group in April 1998, Saskatchewan recognizes registrations done by CSA Group and accepts such fittings for use in Saskatchewan.

The letters “CSA” are applied as a prefix to the CRN to indicate which “Fittings” have been registered in this manner. You should inform your clients of this additional marking requirement and that “Fittings” registered by CSA Group are accepted for use in Saskatchewan Canada.