



To:	TSSA	From:	Janet Townsend
Company:	Watson McDaniel	Phone:	416-747-4291
Pages:	8	Location:	Toronto
Our File:	ANR-5487	Date:	August 21, 2019

Your File: 2657392

Subject: Request for Design Registration

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-0E21523.56

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



REGISTERED



CRN: CSA-0E21523.56

Statutory Declaration Registration of Fittings

Registration Process administered by
CSA Group per CSA B51



(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:

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 fittings² 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:

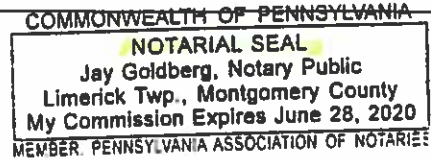
SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS

Declared before me at Pottstown

In the of state of Pennsylvania

The 27th day of February AD 2009

[Signature]
A (commissioner for oaths)



[Signature]
Signature of Declarer

For Official Use Only

The application is accepted for registration in Category E 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. Jun. 20. 2029

Registered Number CRN CSA-0E21523.56

For the Inspector
Date Aug. 20. 2019

A. BANWATT

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-0E21523.56

Registration Process administered by CSA Group per CSA B51

PH: (306)798-7112
FAX: (306)787-9273
Toll Free: (866)530-8599
Toll Free: (866)760-9255
Email: boilerpermits@tsask.ca
Website: www.tsask.ca

2202 2nd Ave.
Regina, SK S4R 1K3

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 appear on the fitting.



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 27th day of February, 2019

Jay Goldberg
(print name)
Jay Goldberg
(Signature of Commissioner of Oaths)

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL (Signature)
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 E

CSA-0E21523.56
(Registration Number)

Aug-20-2019
(Date Registered - MM DD YYYY)
(For the Authority) [Signature] (Chief Inspector)

Jun-20-2029
(Expiry Date - MM DD YYYY)
A. BANWATT

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



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



345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel. 416 734.3300
Fax. 416 231 1626
Toll Free. 1.877 682 8772
www.tssa.org

June 20, 2019

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

Service Request Type: BPV-Fitting Registration
Service Request No.: 2595006
Your Reference No.: R-1073
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.: 0E21523.5
Main Design No.: STEAM TRAPS PER SCOPE OF REGISTRATION
Expiry Date: 20-Jun-2029

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

A stamped copy of the approved registration and invoice for engineering services will be sent to you shortly. Should you have any questions or require further assistance, however, 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,

Zivko Gacevic P. Eng.
Mechanical Engineer, BPV
Tel.: 416-734-3429
Fax: 416-231-6183
Email: zgacevic@tssa.org





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

03-May-19

PAGE 1 OF 1

SCOPE OF CRN REGISTRATION

Product Description	Design Code	Material Specification	Series	Size Range	End Connection Inlet/Outlet	MAWP at 100°F	MAWP at MAWT (psig)	Report Number
Thermostatic Steam Trap	ASME B31.1, ASME B31.3	Type 316 S.Steel ASTM A351-CF8M	WT3000, WT3000S	1/2", 3/4", 1"	NPT, Socket Weld	650 psig	650 psig at 500°F Saturated Steam	R-1073A
Thermostatic Steam Trap	ASME B31.1, ASME B31.3	Type 316 S.Steel ASTM A351-CF8M	WT4000, WT4000S	3/4", 1"	NPT, Socket Weld	300 psig	300 psig at 425°F Saturated Steam	R-1073B
Thermostatic Steam Trap	ASME B31.3	Brass ASTM B283 C37700, Brass ASTM B16 C36600	TA25B, TA125 TS25B, TS125	1/2", 3/4"	NPT	125 psig	125 psig at 400°F	R-1073C

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.

**THIS IS PART OF
 CRN**
 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program

2 CF2

SA GROUP[™]
CSA GROUP[™]

ATTACHMENT TO
C.R.N.: CSA-0E21523.16
Signed: [Signature]
 178 Rexdale 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 9001:2015
are fulfilled.***


Certificate Number: Q 14

Initial Audit Date: August 9, 1995

Effective Date: October 28, 2018

Expiration Date: October 25, 2019

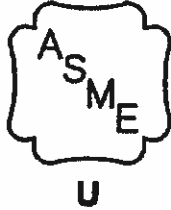
Revision Date: September 12, 2018


Signed on behalf of HSB Registration Services



Hartford Steam Boiler





CERTIFICATE OF AUTHORIZATION

The named company is authorized by the American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the certification mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with this certification mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:


**Watson McDaniel
428 Jones Blvd.
Pottstown, Pennsylvania 19464**

SCOPE:

Manufacture of pressure vessels at the above location only

AUTHORIZED: October 2, 2017
EXPIRES: October 25, 2020
CERTIFICATE NUMBER: 29,263


Board Chair, Conformity Assessment


Managing Director, Conformity Assessment





March 2019

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 province of Saskatchewan, Canada.

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

