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Toronto, Ontario M9W 6N9  
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Fax: 416.231.1626  
Toll Free: 1.877.682.8772

[www.tssa.org](http://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](mailto: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,

A handwritten signature in black ink, appearing to read 'Zivko Gacevic', is written over a horizontal line.

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



**TECHNICAL STANDARDS & SAFETY AUTHORITY**  
 14th Floor, Centre Tower  
 3300 Bloor Street West  
 Toronto, Ontario  
 Canada M8X 2X4

Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below



## STATUTORY DECLARATION

### Registration of Fittings

I, ROBERT HICKEY, GENERAL MANAGER

(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of WATSON MCDANIEL

(Name of Manufacturer)

Located at 428 JONES BLVD., POTTSTOWN, PENNSYLVANIA, 19464

(Plant Address)

610-495-5131

(Telephone No.)

610-495-5134

(Fax No.)

do solemnly declare that the fittings listed hereunder, which are subject to the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, comply with all of the requirements of ASME B31.1, ASME B31.3

(Title of recognized North American Standard)

which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;

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, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001:2008 which has been verified by the following authority, HSB

The items covered by this declaration, for which I seek registration, are category E STEAM TRAPS type fittings. In support of this application, the following information and/or test data are attached as follows:  
SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS

(drawings, calculations, test reports, etc.)

Declared before me at Pottstown in the State of Pennsylvania

the 27th day of February AD 2019

Commissioner for Oaths:

Jay Goldberg  
 (Printed name)

[Signature]  
 (Signature)

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]  
 (Signature of Declarer)

#### FOR OFFICE USE ONLY

To the best of my knowledge and belief, the application meets the requirements of the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category "E"

CRN: OE 21523.5

Registered by: ZIVKO GACEVIC

Dated: Jun 20, 2015

NOTE: This registration expires on Jun 20, 2029

Technical Standards and Safety Authority  
 Boilers and Pressure Vessels Safety Program

**REGISTERED**

C.R.N.: OE 21523.5

Signed: [Signature]

Date: Jun 20, 2019

PV 09553 (06/04)

Note: See attached Scope of Registration.  
 7-6 6/20/15



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

03-May-19

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**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,<br>ASME B31.3 | Type 316 S.Steel<br>ASTM A351-CF8M               | WT3000,<br>WT3000S           | 1/2", 3/4", 1" | NPT,<br>Socket Weld         | 650 psig      | 650 psig at 500°F<br>Saturated Steam | R-1073A       |
| Thermostatic Steam Trap | ASME B31.1,<br>ASME B31.3 | Type 316 S.Steel<br>ASTM A351-CF8M               | WT4000,<br>WT4000S           | 3/4", 1"       | NPT,<br>Socket Weld         | 300 psig      | 300 psig at 425°F<br>Saturated Steam | R-1073B       |
| Thermostatic Steam Trap | ASME B31.3                | Brass ASTM B283 C37700,<br>Brass ASTM B16 C36600 | TA25B, TA125<br>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