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January 10, 2020

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

Service Request Type: BPV-Fitting Registration
Service Request No.: 2750922
Your Reference No.: R-1144
Registered to: STRAHMAN VALVES INC.

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: **0E22109.5**
Main Design No.: DIRECT DIFFUSE STEAM TRAP- SEE SCOPE OF REGISTRATION
Expiry Date: 10-Jan-2030

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

See 'scope of CRN registration' document.

A stamped copy of the approved registration and invoice for engineering services will be mailed 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,

Alan Wu P. Eng.
Mechanical Engineer, BPV
Tel. : 416-734-3443
Fax : 416-231-6183
Email : awu@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, S. GREGORY STEDNITZ, ENGINEER, WASH DOWN
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of STRAHMAN VALVES, INC.
(Name of Manufacturer)

Located at 2801 Baglyos Circle, Bethlehem, Pennsylvania, 18020, USA 610-814-7105 484-893-5099
(Plant Address) (Telephone No.) (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 which has been verified by the following authority, SAI GLOBAL

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 Bethlehem PA in the County of Northampton
the 17th day of Dec AD 2019.

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL
ERIN SUTOR
Notary Public
BETHLEHEM TWP, NORTHAMPTON COUNTY
My Commission Expires Apr 17, 2020

Commissioner for Oaths:

Erin Sutor
(Printed name)
[Signature]
(Signature)

[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: OE22109.5

Registered by: A Wu

Dated: Jan 10, 2020

NOTE: This registration expires on Jan 20, 2030

Technical Standards and Safety Authority **Boilers and Pressure Vessels Safety Program**

REGISTERED

C.R.N.: OE22109.5

Signed: [Signature]

Date: Jan 10, 2020

PV 09553 (06/04)

SEE DESIGN REPORT # R-1144 PAGE 1 FOR SCOPE OR SCOPE OF CRN REGISTRATION



STRAHMAN VALVES, INC.

2801 BAGLYOS CIRCLE
BETHLEHEM, PENNSYLVANIA
18020, USA

15-Nov-19

PAGE 1 OF 1

SCOPE OF CRN REGISTRATION

Product Description	Model	Design Code	Size Range Inlet/Outlet	Body Material Specification	MAWP at MAWT	Report Number
Steam Trap	Direct Diffuse	ASME B31.1, ASME B31.3.	3/4", 1", 1-1/2" NPT	Stainless Steel ASTM A351-CF8	1000 psig at 350°F	R-1144

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 Strahman literature.

Note 3: For low temperature operation the products shall conform to the rules of the applicable codes under which they are used.

Note 4: Stainless Steel ASTM A351-CF8M may substitute for ASTM A351-CF8.

THIS IS PART OF CRN
0E22.109.5
Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety
Program