



345 Carlingview Drive  
Toronto, Ontario  
CANADA M9W 6N9  
Tel.: 416.734.3300  
Fax.: 416.231.1626  
Toll Free: 1.877.682.8772  
[www.tssa.org](http://www.tssa.org)

January 29, 2019

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

Service Request Type.: BPV-National BC  
Service Request No.: 2460410  
Your Reference No.: R-0961  
Registered to.: STRAHMAN VALVES INC.

Dear SCOTT ISLIP,

Please find enclosed the original response from BC, registered under the CRN No.: 0H20874.51.

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you.  
For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail [customerservices@tssa.org](mailto:customerservices@tssa.org). When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Tanya Francis  
Administrative Assistant\_ BPV Engineering  
Tel. : 416-734-3423  
Fax : 416-231-6183  
Email : [tfrancis@tssa.org](mailto:tfrancis@tssa.org)

TECHNICAL STANDARDS & SAFETY AUTHORITY  
345 CARLINGVIEW DRIVE  
TORONTO ON M9W 6N9

**Date:** December 27, 2018  
**Account #:** 35231  
**Journal #:** 72312

**Attn:** TANYA FRANCIS

**Re:** Application for Design Registration

The design, as detailed in your, TSSA SR# 2460410, for a Fitting is accepted for registration as follows:

**Registered To:** STRAHMAN VALVES INC.      **CRN:** 0H20874.51

**Drawing #:** Report R-0961

**Drawing Revision:** 0

**Conditions Of Registration:**

Registration of Mixing Units M-144TG, M-5000TG, & M-5700TG as per attached SOR.

This design was registered based on a technical review performed by the province of initial registration in accordance with the Association of Chief Inspectors policy on reciprocal recognition of design review.

**Reviewer's Notes:**

As required by CSA B51 4.2.1, this registration expires on November 20, 2028. This CRN is valid until the expiry date as long as the Manufacturer maintains a valid quality control program verified by an acceptable third-party agency until that date. Should the certification of the quality control program lapse before the expiry date, this registration shall become void.

Contact me if you have any questions. The invoice for registration will be forwarded under separate cover.

Emilia Tam

emilia.tam@technicalsaftybc.ca  
Design Administration

**cc:**



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

CRN #: 0H20874.51  
Date: DEC 27 2018  
BC JH: 72312

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.

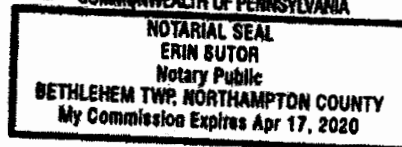
I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001 which has been verified by the following authority, SAI GLOBAL

The items covered by this declaration, for which I seek registration, are category H MIXING UNITS 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 in the County of Northampton PA  
*COMMONWEALTH OF PENNSYLVANIA*

the 28<sup>th</sup> day of August AD 2018



Commissioner for Oaths:

Erin Sutor  
*(Printed name)*

ESUTOR  
*(Signature)*

A. Gregory Stednitz  
*(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 H

CRN: 0H20874.5  
Registered by: MARK VALCIC, P. ENG.  
Dated: Nov. 20, 2018

NOTE: This registration expires on Nov. 20, 2028

Technical Standards and Safety Authority  
Boilers and Pressure Vessels Safety Program

REGISTERED

C.R.N.: 0H20874.5  
Signed: Wah  
Date: Nov. 20, 2018

PV 0573/05/18

NOTE: MIXING UNITS M-144TG, M5000TG & M5700TG - SEE THE ATTACHMENT FOR THE SCOPE OF REGISTRATION. Wah  
Nov. 20/18



**STRAHMAN VALVES, INC.**  
2801 BAGLYOS CIRCLE  
BETHLEHEM, PENNSYLVANIA  
18020, USA

07-Nov-18

PAGE 1 OF 1

**SCOPE OF CRN REGISTRATION**

Product Description	Model	Design Code	End Connection Inlet/Outlet	Body Material Specification	CRN Design Conditions (Note 1)	Report Number
Mixing Unit	M-144TG	ASME B31.1, ASME B31.3.	3/4" NPT	Bronze ASTM B62 UNS C83600	150 psig at 366°F	R-0961
Mixing Unit	M-5000TG	ASME B31.1, ASME B31.3.	3/4" NPT	Bronze ASTM B62 UNS C83600	150 psig at 366°F	R-0961
Mixing Unit	M-5700TG	ASME B31.1, ASME B31.3.	3/4" NPT	Type 316 Stainless Steel ASTM A351-CF8M	150 psig at 366°F	R-0961

Note 1: 366°F is the saturated steam temperature at 150 psig. Factory maximum set water temperature is 200°F.

THIS IS PART OF  
CRN 0H20874.5  
Technical Standards & Safety Authority  
Boilers & Pressure Vessels  
Safety Program

*Callie Nov. 20/18*



TECHNICAL  
SAFETY BC

CRN #: 0H20874.51  
Date: DEC 27 2018  
BC J#: 72312