

345 Carlingview Drive Toronto, Ontario M9W 6N9 Tel.: 416.734.3300 Fax: 416.231.1626 Toll Free: 1.877.682.8772

www.tssa.org

November 20, 2018

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

Service Request Type: BPV-Fitting Registration

**Service Request No.:** 2443794 Your Reference No.: R-0961

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 No.: 0H20874.5

Main Design No.: Mixing Units M-144TG, M-5000TG & M-5700TG (see the attachment to the Statutory

Declaration Form for the scope of registration.)

Expiry Date: 20-Nov-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,

Mark Valcic P. Eng. Engineer Specialist BPV Tel.: 416-734-3494

Fax: 416-231-1626 Email: mvalcic@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 DI Registration		
. S. GREGORY STEDNITZ, ENGINEER, WASH DOWN		
(Name and Position, e.g. President, Plant	Manager, Chief Engineer)	1
of STRAHMAN VALVES, INC.		1
(Name of Manufactu	urer)	1
Located at 2801 Baglyos Circle, Bethlehem, Pennsylvania, 18020, U	USA 610-814-7105 484-893-5099	1
(Plant Address)	(Telephone No.) (Fax No.)	1
do solemnly declare that the fittings listed hereunder, which are su and Pressure Vessels Regulation, comply with all of the requirer ASME B31.1, ASME B31.3		<b>i</b>
(Title of recognized North Americ which specifies the dimensions, materials of construction, pressure/temp		
or are not covered by the provisions of a recognized North Americans supported by the attached pressure/temperature ratings and the basis for such ratings, the materials are considered by the attached pressure/temperature ratings and the basis for such ratings, the materials are considered by the provisions of a recognized North Americans are considered by the provisions of a recognized North Americans are considered by the provisions of a recognized North Americans are considered by the attached pressure and the provisions of a recognized North Americans are considered by the attached pressure and the provisions of a recognized North Americans are considered by the attached pressure and the provisions of a recognized North Americans are considered by the attached pressure and the provisions of a recognized North Americans are considered by the attached pressure and the pressure are considered by the attached pressure and the pressure are considered by the attached pressure and the pressure are considered by the attached pressure and the pressure are considered by the attached pressure and the pressure are considered by the attached pressure and the pressure are considered by the pressure a	d data which identifies the dimensions, material of construction	
I further declare that the manufacture of these fittings is controlled by a que which has been verified by the following authority, SAI G		
The items covered by this declaration, for which I seek registration, are category		
, ,		
this application, the following information and/or test data are attached as follows SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS	<b>5</b> .	1
SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS (drawings, calculations, test of the control of th	reports, etc.)	-
Declared before me at day of AD 20_18  Commissioner for Oaths:	reports, etc.)	-
Declared before me at	of Northampton (	4
Declared before me at	of Northampton (	
Declared before me at	of Northampton (A)  NOTARIAL SEAL ERIN SUTOR NOTARIAL PRINCE BETHLEHEM TWP, NORTHAMPTON COUNTY My Commission Expires Apr 17, 2020  A Alegoy Alegory Signature of Declarer)	
Declared before me at	ne County NWEALTH OF PENNSYLVANIA  NOTARIAL SEAL ERIN SUTOR Notary Public BETHLEHEM TWP, NORTHAMPTON COUNTY My Commission Expires Apr 17, 2020  A Alegoy Alegoy Signature of Declarer)  E ONLY Technical Standards  Boilers and	
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Declared before me at	Technical Standards and Safety Authority  Technical Standards and Safety Authority  REGISTER ED  C.R.N. OH 20874.5  Signed:	
Declared before me at	of Northampton (Inc.)  The Continuous Authority of Pennsylvania  NOTARIAL SEAL ERIN SUTOR Notary Public  BETHLEHEM TWP, NORTHAMPTON COUNTY My Commission Expires Apr 17, 2020  A Augory Authority Signature of Declarer)  FONLY ents of the lation, and Safety Authority Safety Program  RECISTERED  C.R.N. OF 2874.5	
Declared before me at	Technical Standards and Safety Authority  Tochnical Standards and Safety Authority  REGISTER ED  C.R.N. OH 28  Signed: Nov. 20, 20/8  Date: Nov. 20, 20/8	

## STRAHMAN VALVES, INC.

2801 BAGLYOS CIRCLE BETHLEHEM, PENNSYLVANIA 18020, USA

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## SCOPE OF CRN REGISTRATION

Product	Model	Design	End Connection	Body Material	CRN Design	Report
Description		Code	Inlet/Outlet	Specification	Conditions (Note 1)	Number
Mixing Unit	M-144TG	ASME B31.1,	2/4" NDT	Bronze ASTM B62 UNS	750 to 2500	200
) Distriction	2	ASME B31.3.	1 IN 1/0	C83600	l oo baid ar soo r	1.080-X
Mixing	M FOOTC	ASME B31.1,	TOIA "4/C	Bronze ASTM B62 UNS	C	1000
JIIO BIIIVIIAI	D   0000-ivi	ASME B31.3.	3/4 INP I	C83600	I Sopre	K-0961
Mixing I Init	MEZOOTC	ASME B31.1,	TOIN "P/C	Type 316 Stainless Steel	T. 000	200
SIIIO BIIIVIIAI	D 100 /C-IVI	ASME B31.3.	3/4 INF I	ASTM A351-CF8M	l on psig at 300 F	L980-X

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

