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www.tssa.org

February 22, 2019

EMMA SMITH AAONE PO BOX 91072 BURNHAMTHORPE PO TORONTO ON M9C 5N5 CA

Service Request Type: BPV-Fitting Registration

Service Request No.: 2483284 Your Reference No.: A2018-123

Registered to: ARMSTRONG INTERNATIONAL

Dear EMMA SMITH,

Technical Standards and Safety Authority (TSSA) is pleased to inform you that your submission has been reviewed and registered as follows:

CRN No.: 0E21139.5

Main Design No.: STEAM TRAP MODELS SH-1600 & SH-1700

Expiry Date: 22-Feb-2029

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,

Amir Hariri

Tel.: 416-734-3461 Email.: ahariri@tssa.org



Technical Standards and Safety Authority 345 Carlingview Drive Toronto, Ontario M9W 6N9 www.tssa.org

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



STATUTORY DECLA			
Registration of Fittin	gs		
I, Andy Schirk, Global Quality Director			
(Name and Position, e.g. President, Plant Manager, Chi	ef Engineer)	*	
of Armstrong International, Inc,			
(Name of Manufacturer)			
Located at 816 Maple Street, Three Rivers, MI 49093 USA	£ 269-273-1415		
(Plant Address)	(Telephone No.)	(Fax No.)	
do solemnly declare that the fittings listed hereunder, which are subject to the <i>Technical Standards and Safety Act</i> , Boilers and Pressure Vessels Regulation, comply with all of the requirements of			
(Title of recognized North American Standard) which specifies the dimensions, materials of construction, pressure/temperature ratio	ngs, identification marking	the fittings and service;	
or are not covered by the provisions of a recognized North American standard ASME B31.1 & B31.3 as supported by the attached data which pressure/temperature ratings and the basis for such ratings, the marking of the	identifies the dimensions	s, material of construction,	
I further declare that the manufacture of these fittings is controlled by a quality system  which has been verified by the following authority, HSB Registration		its of ISO 9001:2015	
The items covered by this declaration, for which I seek registration, are category		type fittings. In support of	
this application, the following information and/or test data are attached as follows:  Models SH1600 and SH1700 steam traps. See page two for document listing.			
(drawings, calculations, test reports, etc.)		· · · · · · · · · · · · · · · · · · ·	
Declared before me at Three givers in the State of Michigan the 14th day of Movember AD 2018.			
Commissioner for Oaths:  ROBERTA MARIE RYAN  Notary Public, St. Joseph County, MI  My Commission Fredrices Sept. 13, 2024  Roberta Marie Ryan  Condy Achder			
(Signature)	✓(Signature of De	ciarer)	
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	Technical Standards and Safety Authority	Boilers and Pressure Vessels Safety Program	
CRN: 0£21139.5	REGIS'	TERED	
Registered by:  Amir Hariri	C.R.N.: <i>OE</i> 211	39-5	
Dated: 24 Feb 1019	Signed:	2019	
NOTE: This registration expires on: 27 / Eb/2029	Date //itoh	1/17/7	



Fax. (269) 278-6555

## **Scope of CRN Registration**

Steam Trap model: SH1600	Steam Trap model: SH1700
Design Code: ASME B31.1, B31.3	Design Code: ASME B31.1, B31.3
Sizes: ½",¾" 1"	Sizes: ½", ¾" 1"
Material: ASTM A182 F22 Class 3	Material: ASTM A182 F91
MAWP: 1750 psi	MAWP: 1990psi
Design Tem: 970°F	Design Tem: 1004°F
Connections: Socket weld, butt weld, flanged	Connections: Socket weld, butt weld, flanged
Drawings:	Drawings:
END91813,END64845,END64879,END64880,	END97857,END91270,END91274,END91273

