



14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario
Canada M8X 2X4
Tel.: 416.734.3300
Fax: 416.231.1626
Toll Free: 1.877.682.8772

www.tssa.org

September 14, 2015

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

Service Request Type: BPV-Fitting Registration
Service Request No.: 1715654
Your Reference No.: A2015-45
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.: 0E17932.5
Main Design No.: ICS STEAM TRAPS 1/2", 3/4", 1", 1-1/2", 2"; SEE CATALOGUE: 326-F11/13 PG 134 & 135
Expiry Date: 14-Sep-2025

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,

Charley Dong, P.Eng.

Tel.: 416-734-3436
Fax: 416-231-6183
Email: cdong@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



Armstrong

STATUTORY DECLARATION Registration of Fittings

I, Jonathan Hubbard, Quality Assurance Manager
(Name and Position, e.g. President, Plant Manager, Chief Engineer)
of Armstrong International, Inc.
(Name of Manufacturer)

Located at 816 Maple St., Three Rivers, MI 49093 USA 269-273-1415 269-279-7602
(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

(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 ASME B31.1 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 ISO9001:2008 which has been verified by the following authority, HSB Registration Services.

The items covered by this declaration, for which I seek registration, are category E type fittings. In support of this application, the following information and/or test data are attached as follows:
ICS series steam traps. See page two for document listing.

(drawings, calculations, test reports, etc.)

Declared before me at Three Rivers in the county of St. Joseph
the 29th day of July AD 2015.

Commissioner for Ontario ROBERTA M. RYAN
Notary Public, St. Joseph Co., MI
My Commission Expires Sept. 13, 2018
(Printed name)

Roberta M. Ryan
(Signature)

Jonathan Hubbard
(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:

0E17932.5

Registered by:

Charley Dong

Dated:

Sept. 14/15

NOTE: This registration expires on

Sept. 14, 2025

NOTE: SEE ATTACHED
'PART OF CRN'
FOR THE SCOPE.

CXD
TSSA
Sept. 14/15

Technical
Standards
and Safety
Authority

Boilers and
Pressure Vessels
Safety Program

REGISTERED

C.R.N.: 0E17932.5

Signed: Charley Dong

Date: Sept. 14/15



Armstrong International, Inc.

816 Maple Street, Three Rivers, Michigan 49093 USA Phone: (269) 273-1415 Fax: (269) 278-6555

Page 2 (Continued from Quebec Statutory Declaration)

In support of the application, the following information and/or test data are attached as follows:

CATALOG #326-F 11/13 pages 134, 135;

ICS Steam Trap Drawing Summary;

Drawings: END63785, END63781, END63788, END63803, END63799, END63806, END63821, END63817, END63824, END63561, END63554, END63570, END63566, END63797, END63795, END63796, END63783, END63790, END63814, END63813, END63815, END63801, END63808, END63832, END63831, END63833, END63819, END63826, END63563, END63562, END63564, END63556, END63555, END63572, END53571, END63573, END63568, END63567, END63446, END63445, END63443, END63447, END63448, END63444;

Test Report IMR#41093

Test Report IMR#39560A

Heat Code and Average Tensile Strength listing;

ASME BPVC Section VIII Div 1 UG-101(m)(2) calculations;

LTR#10451

HSB test report QP10.13-SIR

