



14th Floor, Centre Tower
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Canada M8X 2X4
Tel.: 416.734.3300
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Toll Free: 1.877.682.8772

www.tssa.org

September 20, 2013

EMMA SMITH
AAONE
39 COURTWRIGHT RD
TORONTO ON M9C 4B6
CA

Service Request Type: BPV-Fitting Registration
Service Request No.: 1162380
Your Reference No.: A2013-7
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.: 0H9361.5R1
Main Design No.: CATALOG - HUMIDIFIERS
Expiry Date: 20-Sep-2023

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

For scope of Registration, see one attached sheet to Statutory Declaration.

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,

Kaivan Kia P. Eng., PMP
Mechanical Engineer, BPV
Tel. : 416-734-3457
Fax : 416-231-6183
Email : kkia@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, Andy Schirk Quality Assurance Manager

(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Armstrong International, Incorporated

(Name of Manufacturer)

Located at 816 Maple Street, Three Rivers, MI 49093 USA

(Plant Address)

269-273-1415

(Telephone No.)

269-278-6555

(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 Consist. w/ASME B31.3 2010 Ed. 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 9001:2008 which has been verified by the following authority, HSB Registration Services.

The items covered by this declaration, for which I seek registration, are category H type fittings. In support of this application, the following information and/or test data are attached as follows:

Series 9000 Humidifiers, Series 1000 Humidifiers, and Jacketed Manifolds; See page 2 for details

(drawings, calculations, test reports, etc.)

Declared before me at Three Rivers in the County of St. Joseph
the 31st day of July AD 20 13.

Commissioner of Public Safety: RYAN
Notary Public, St. Joseph Co., MI
My Commission Expires Sept. 13, 2018

(Printed name)

Robert M. Ryan
(Signature)

Andy Schirk
(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: 0H93615R1

Registered by: K. Kim

Dated: Sept 20/13

NOTE: This registration expires on Sept 20/2023

PV 09553 (06/04)

Scope per attached sheet. KK
09/20/13

Technical
Standards
and Safety
Authority

Boilers and
Pressure Vessels
Safety Program

REGISTERED

CRN: 0H93615R1

Signed: K. Kim

Date: Sept 20/13



Armstrong Steam and Condensate Group

816 Maple St, Three Rivers, Michigan 49093 – U.S.A. Phone: (269) 273-1415 • Fax: (269) 278-6555

Page 2 (Continued from TSSA Statutory Declaration)

Series 9000 CI Humidifier, Series 1000 SS Humidifier, and Jacketed Distribution Manifold (continued)

Models: 90, 91, 92, 93, 94; 1100, 1200, 1300, 1400

Drawings: CD1036, CD1080, CD1115, CD1246; C5784, C5785, C5786, C5787, C5788, C1360, C924, C1501, C930

Test Reports: TR50361 and TR50361 Supplement #1

Stress Analysis: Armstrong 1000 Series Stainless Steel Humidifiers; 16 Oct 2002

Catalogue No. #596 Humidification Solution Source, Pages 54 through 71

