



To:	Andy Schirk	From:	Janet Townsend
Company:	Armstrong International, Incorporated	Phone:	416-747-4291
Pages:	5	Location:	Toronto
Our File:	ANR-2880	Date:	October 9, 2013

Your File: 9-25-13

Subject: Request for Design Registration

Dear Mr. Schirk,

CSA has reviewed the documentation submitted by Armstrong International, Incorporated . These fittings have been registered by CSA for the Province of Québec. In accordance with an agreement between CSA, the Provinces of Québec and Saskatchewan; this registration is recognized by Quebec and Saskatchewan. These fittings are acceptable for use in these Provinces.

The letters CSA will be applied as a prefix to the CRN indicate which fittings have been registered in this manner. A copy of the stamped Statutory Declaration is attached.

The CRN is CSA-0H9361.56R1.

The cost for this service is \$ 760.00 plus HST.

A copy of the Statutory Declaration with an original stamp affixed will be forwarded to you along with our invoice by regular mail.

Yours truly

A handwritten signature in blue ink that reads 'Janet Townsend'.

Janet Townsend
Account Manager
CSA Group
janet.townsend@csagroup.org
www.csagroup.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 .

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

Roberta M. Ryan
(Signature)

Andy Schirk
(Signature of Declarer)

FOR OFFICE USE ONLY

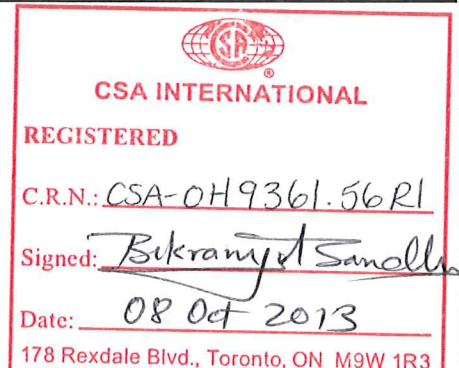
To the best of my knowledge and belief, the application meets the requirements of the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category H.

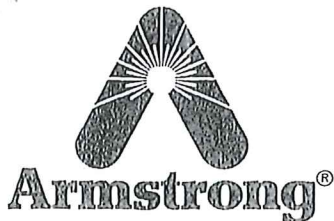
CRN: CSA-OH 9361.56 R1

Registered by: B. SANDHU

Dated: OCT. 08. 2013

NOTE: This registration expires on Sept 20, 2023





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)

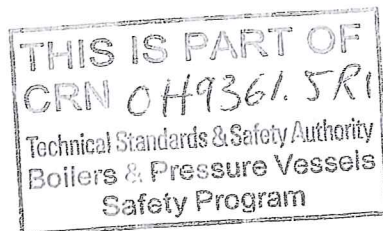
Models: 90, 91, 92, 93, 94; 1100, 1200, 1300, 1400

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



HSB REGISTRATION SERVICES
595 E. SWEDSFORD ROAD
WAYNE, PENNSYLVANIA 19087

Certificate of Registration

This is to certify that:
Armstrong International, Inc.
816 Maple Street
Three Rivers, MI 49093

Has established and applied a Quality Management System for:
**Design and Manufacture of Steam Traps, Condensate
Handling Equipment, Air Vents, Liquid Drainers,
Strainers, Purgers, Valves, Steam Diagnostic
Equipment, Humidifiers, and Related Equipment**

Proof has been furnished that the requirements according to
ISO 9001:2008
are fulfilled.

EA Code: 14,17,18

Certificate Number: HQ-Q-383

Initial Audit Date: October 3, 2001

Effective Date: January 12, 2012

Expiration Date: January 11, 2015

Revision Date:




Signed on behalf of HSB Registration Services



Saskatchewan
Municipal
Government

Saskatchewan

Provision Services
330 - 1655 Victoria Avenue
Regina, Saskatchewan
S4P 3V7

787-4509

April 23, 1998

Re: Fittings Registration

The Province of Saskatchewan will be participating with Quebec, Manitoba and the Canadian Standards Association (CSA) in a pilot project for the registration of fittings. We will recognize registrations done by CSA and accept such fittings for use in Saskatchewan.

The letters CSA will be applied as a prefix to the CRN to indicate which fittings have been registered in this manner. I would appreciate if you could inform your clients of this additional marking requirement.

You may also inform your clients that fittings registered by CSA are accepted for use in Saskatchewan.

Yours truly,


N. Surtees, P. Eng.
Executive Director