



CSA INTERNATIONAL

To:	Paul Holliday	From:	Renzo Pupulin
Company:	Armstrong International	Phone:	416 - 747- 2345
Pages:	5	Location:	Toronto
Our File:	ANR-2524	Date:	November 15, 2012

Your File: ENG-1209-0264

Subject: Request for Design Registration

Dear Paul,

CSA has reviewed the documentation submitted by Armstrong International . 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-0E8231.56R1.

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

Renzo Pupulin C.E.T.
Product Group Manager
Gas Appliances and Accessories
renzo.pupulin@csa-international.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
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Armstrong International, Inc.
(Name of Manufacturer)

Located at Three Rivers, MI 269-273-1415 269-278-6555
(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 B31.3 2010 Edition 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 E type fittings. In support of this application, the following information and/or test data are attached as follows:

Series 300 Trap/Air Vent/Liquid Drainer/Dual Gravity/DC/BVSW/HLS/HLAR/AR/VAR - see page 2 for more information

(drawings, calculations, test reports, etc.)

Declared before me at Three Rivers in the County of St. Joseph
 the 31st day of Oct AD 2012.

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 E.

CRN: CSA-OE8231.56R1

Registered by: B. SANDHU

Dated: NOVEMBER 14, 2012

NOTE: This registration expires on OCT. 26, 2022



CSA INTERNATIONAL
REGISTERED
 C.R.N.: CSA-OE8231.56R1
 Signed: Bikramjit Sandhu
 Date: 14 Nov. 2012
 178 Rexdale Blvd., Toronto, ON M9W 1R3

***Note:** See the attachment for the scope of the registration



Armstrong Steam and Condensate Group

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

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(Continued from TSSA Statutory Declaration)

Series 300 Trap/Air Vent/Liquid Drainer/Dual Gravity/DC/BVSW/HLS/HLAR/AR/VAR (continued)

Calculations:

Series 300 Trap Analysis; October 8, 2002, Michael Hellman; Catalog #236-A 30M 1/02 (300 series pages)

Dwgs:

D1545, D1408, D2676, D2677, D2678, D1480, D1482, D1483, D1484, D1485, D1486, A5399, A5400

THIS IS PART OF
CRN OE 8231.56R1
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Division



Intelligent System Solutions STEAM AIR HOT WATER

www.armstrong-intl.com

**HSB REGISTRATION SERVICES
595 E. SWEDES FORD 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 - 1851 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,

A handwritten signature in black ink, appearing to read 'N. Surtees', written over a circular stamp.

N. Surtees, P. Eng.
Executive Director