



Inspection and Technical Services Manitoba
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www.firecomm.gov.mb.ca/codes_steam_pressure.html

September 17, 2018

AAOne
P.O. Box 91072, Burnhamthorpe Rd.
Toronto, ON
M9C 5N5

Attn: Emma Smith

REGISTRATION OF VALVES AND FITTINGS

Manufacturer: Armstrong International Inc.

The design(s) for the following Valves/Fittings has been received by us and has been examined and accepted for registration in the Province of Manitoba as follows.

DRAWING / CATALOGUE	CRN	FILE
Steam Traps Models: 521, CD-80S, and CD-82S See Attached Scope of Registration	0E1564.64	39037

An invoice covering survey and registration fees is enclosed.

NOTE:

- CRN registered under reciprocal agreement & is conditional based on compliance with the notes set by the original issuing Jurisdiction: *Régie du Bâtiment de Québec*.
- See attached stamped "this is part of CRN" for scope of registration.
- This registration expires **May 20, 2028**.

This registration is valid until the indicated expiry date only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date. Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

The registration of this design does not relieve the manufacturer, the owner or his agent of the responsibility for the design or construction of a fitting in accordance with the applicable Acts, Codes and Standards. Inspection and Technical Services assumes no responsibility by registering designs, examining plans and/or inspecting equipment or facility.

Yours truly,

Rabie Harb, P. Eng.

Engineer

Office of the Fire Commissioner
Inspection and Technical Services Manitoba
508 - 401 York Avenue
Winnipeg, Manitoba, R3C 0P8
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MANITOBA

DEPARTMENT OF LABOUR
AND IMMIGRATION
500 – 401 York Avenue
Winnipeg, Manitoba R3C 0P8



STATUTORY DECLARATION REGISTRATION OF FITTINGS

(a) Design Qualification

I JONATHAN HUBBARD

QUALITY ASSURANCE MANAGER
(Position e.g.: president, plant manager, chief eng.)

of ARMSTRONG INTERNATIONAL, INC.
(Name of company)

Located 816 MAPLE STREET, THREE RIVERS, MI 49093 USA
(Plant Address)

do solemnly declare that the fittings listed hereunder, which are subject to the Boilers & Pressure Vessels Act,

comply with _____ all the requirements of the ANSI/ASME codes as to their dimensions.
or

are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with
ASME B31.1 & B31.3 code or standard, and are designed to the best current engineering practice, as shown by the supporting test
data.

(b) Quality Control of Manufacture

I further declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of
ISO 9001:2015, and has been verified by the following authority or authorized agency HSB REGISTRATION SERVICES

The fittings covered by this declaration, for which I seek registration, are CATEGORY E

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

Model 521 Series steam traps, Model CD80S series steam traps, and Model CD82S series steam traps. See page two for document listing.

Declared before me at Three Rivers in the province/state of Michigan the 9th
day of May AD 20 18

A (commissioner for oaths)

ROBERTA M. RYAN
ROBERTA M. RYAN

Jonathan Hubbard
Signature of Declarer

Notary Public, St. Joseph Co., MI
My Commission Expires Sept. 13, 2018

(For Official Use Only)

The application is accepted for registration in Category "E" in accordance with the Boilers and Pressure Vessels Act
and CSA Standard B51.

This registration must be revalidated after ten (10) years from the date of acceptance.

Registered Number CRN 0E1564.64

For the Chief Inspector

Date: 2018/09/17

Notes:

- (1) This form shall be completed and signed by the president or highest official in the manufacturing plant where the fitting is produced.
- (2) Two completed copies of Statutory Declaration form together with two copies of Catalogs, drawings or Bulletins illustrating above fittings shall be submitted.
- (3) All fittings are required to be registered in the name of the Manufacturer.



Armstrong®

Armstrong International, Inc.

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

Scope of CRN Registration

Product:	CD-80S and CD-82S Disc Traps	521 - Inverted Bucket Steam Traps
Design Code:	ASME B31.1 and B31.3	ASME B31.1 and B31.3
Material:	ASTM A182 F 11 cl 2/ A182 F 22 cl 3	ASTM A105N
Design Pressure:	1500psi	1000psi
Design Temperature:	650°F	700°F



Intelligent System Solutions STEAM AIR HOT WATER

www.armstronginternational.com