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www.firecomm.gov.mb.ca/codes_steam_pressure.html

April 4, 2019

AAONE
PO Box 91072
Toronto, Ontario
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
CD No. 2190: Strainer, D1SW, 0.5" to 1" Forged Steel F22 CRN CD No. 2296: Strainer, D1SW, 1.25" to 2" Forged Steel F22 CRN	0E12748.54	39563

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: "Technical Standards & Safety Authority (TSSA)".

- See attached stamped "this is part of CRN" for scope of registration.*
- This registration expires: Nov 22nd/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,

Mohamed Elsayed, P.Eng, SSGB
Inspector & Design Surveyor
Office of the Fire Commissioner
Inspection and Technical Services Manitoba
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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 Andy Schirk

Global Quality Director
(Position e.g.: president, plant manager, chief eng.)

of Armstrong International, Inc.
(Name of company)

Located 816 Maple Street, Three Rivers, MI 49093
(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
_____ consistent 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:

See Page 2

Declared before me at Three Rivers in the province/state of Michigan the 30th
day of October AD 20 18

A (commissioner for oaths)

Roberta Marie Ryan

ROBERTA MARIE RYAN

Notary Public, St. Joseph County, MI
My Commission Expires Sept. 13, 2024

Andy Schirk

Signature of Declarer

(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.

Nov 22nd / 2028

Registered Number CRN 0E12748.54

For the Chief Inspector

Date: April 4th / 2019

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 International, Inc.

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

Scope of registration and design parameters such as the pressure and temperature are the same as the original CRN: 0E12748.5C and 0E12748.5ADD1, and the following supplemental data is attached:

1. Initial Statutory Declaration for 0E12748.5C and 0E12748.5ADD1
2. Analysis, Data Summary, and Calculations
3. Burst Test of Strainer Body and Retainer
4. Test Report #TR90307
5. Chemical and physical certification data sheets for bodies and retainers.

6. D Series Strainer Certified Data Drawings:

- b. CD No. 2190: Strainer, D1SW, 1/2", 3/4", and 1" Forged Steel F22 CRN
- b. CD No. 2296: Strainer, D1SW, 1 1/4", 1 1/2", and 2" Forged Steel F22 CRN

ReNA.
ReNA

April 4th/2019.

7. D Series Body & Retainer – Machining / Forging drawings:

- a. 1/2": C736-1 / C736A & B1338 / B1338B
- b. 3/4": C736-2 / C736A & B1338 / B1338B
- c. 1": C736-3 / C736A & B1338 / B1338B
- d. 1 1/4": C807-1 / C739B & B1339 / B1339B
- e. 1 1/2": C807-2 / C739B & B1339 / B1339B
- f. 2": C807-3 / C739B & B1339 / B1339B

Rob Feeman
Applications Engineer
Armstrong International

