



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

April 1, 2016

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
ACV Control Valves - See Attached scope of Registration	0C18215.54	36311

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: TSSA.*
- *See attached stamped "this is part of CRN" for scope of registration.*
- *This registration expires Feb 1, 2026.*

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, E.I.T.

Design Surveyor
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 St., 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 ISO9001:2008, 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 C _____

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

___ ACV series control valves. See page two for document listing _____

Declared before me at Three Rivers in the province/state of Michigan the 14th
day of December AD 20 15

A (commissioner for oaths) _____
ROBERTA M. RYAN
Notary Public, St. Joseph Co., MI
My Commission Expires Sept. 13, 2018

Roberta M. Ryan

Jonathan Hubbard
Signature of Declarer

(For Official Use Only)

The application is accepted for registration in Category "C" 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 0C18215.54 For the Chief Inspector

Police Hash

Date: 2016/04/01

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

Page 2 (Continued from Manitoba Statutory Declaration)

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

Catalog: #596-D 8/14 pages 91 through 93;

Drawings: D265, END265A-1, C2046, C2046A-1, C2043, C2043A, C2045, C2045A-1.

Heat Code and Average Tensile Strength listing;

Report No.: ARM028-14-12-58268-1

ASME Boiler & Pressure Vessel Code Section VIII – Div 1 UCI-101 Hydrostatic Test to Destruction calculations;

LTR10516

HSB Test Report QP10.13-Sir; HSB GS Project No. US AIL.KF150244.IC.CSAI





Scope of Registration

Manufacturer: Armstrong International Inc.

Product: ACV Control Valves

CODE and Standard: ASME B31.1 & B31.3

Design Pressure and Temperature: 250psi@400°F

Valve Model: ACV-2 - ½", ACV-3 - ¾", ACV-4 - 1", ACV-6 - 1 ½"

Material: A-48 class 30

Drawings: D265, END265A-1, C2046, C2046A-1, C2043, C2043A, C2045, C2045A-1

