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February 01, 2016

EMMA SMITH  
AAONE  
PO BOX 91072 BURNHAMTHORPE PO  
TORONTO ON M9C 5N5  
CA

**Service Request Type:** BPV-Fitting Registration  
**Service Request No.:** 1776422  
**Your Reference No.:** A2015-55  
**Registered to:** ARMSTRONG INTERNATIONAL

Dear EMMA SMITH,

Technical Standards and Safety Authority (TSSA) is pleased to inform you that your submission has been reviewed and registered as follows:

CRN No.: 0C18215.5  
Main Design No.: MODEL ACV; CATALOG: 596-D 8/14 PGS 91 THRU 93, DWG: D265,  
END265A-1, C2046, C2046A-1, C2043, C2043A, C2045, C2045A-1  
Expiry Date: 01-Feb-2026

Please be advised that a valid quality control system must be maintained for the fitting registration to remain valid until the expiry date.

The stamped copy of the approved registration and the invoice are mailed separately. Should you have any questions or require further assistance, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail [customerservices@tssa.org](mailto:customerservices@tssa.org). We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

*Norman Ngai*

Norman Ngai, P. Eng.  
Mechanical Engineer BPV  
Tel. : 416-734-3557  
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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

ARMSTRONG

**STATUTORY DECLARATION**  
**Registration of Fittings**

I, Jonathon Hubbard, Quality Assurance Manager  
*(Name and Position, e.g. President, Plant Manager, Chief Engineer)*

of Armstrong International, Inc.  
*(Name of Manufacturer)*

Located at 816 Maple St., Three Rivers, MI 49093 USA 269-273-1415 269-279-7602  
*(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 B31.1 & ASME B31.3 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 ISO9001:2008 which has been verified by the following authority, HSB Registration Services.

The items covered by this declaration, for which I seek registration, are category C type fittings. In support of this application, the following information and/or test data are attached as follows:  
ACV series control valves. See page two for document listing.

*(drawings, calculations, test reports, etc.)*

Declared before me at Three Rivers in the county of St. Joseph  
the 14th day of December AD 20 15.

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

Jonathon Hubbard  
*(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 C.

CRN: 0C18215.5  
Registered by: NORMAN NGAI  
Dated: FEB. 1, 2016

NOTE: This registration expires on FEB. 1, 2026.

Technical Standards and Safety Authority

Boilers and Pressure Vessels Safety Program

REGISTERED

C.R.N.: 0C18215.5

Signed: Norman Ngai

Date: FEB. 1, 2016

PV 09553 (06/04) NOTE = PLEASE REFER TO ATTACHED PAGE FOR SCOPE OF REGISTRATION.

N.N. FEB. 1, 2016.



**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

THIS IS PART OF  
CRN 0C18215.5  
Technical Standards & Safety Authority  
Boilers & Pressure Vessels  
Safety N.N. FEB. 1, 2016.