

Statutory Declaration Registration of Fittings

(a) Design Qualification

I¹ ANDY SCHIRK
(Name of applicant)

GLOBAL QUALITY DIRECTOR
(Position eg, president, plant manager, chief eng.)

of ARMSTRONG INTERNATIONAL, INC.
(name of company)

Located at Main Plant: 816 MAPLE ST. THREE RIVERS, MI 49093 USA
(plant address) OTHER PLANT: Mahindra World City, P 46, 8th Avenue Anjur Village, Natham Sub Post Chengalpattu 603 002 Tamil Nadu India

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, material, identification & service for which are required:
- Or
- are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with ASME B16.34 code and 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 fittings² covered by this declaration, for which I seek registration, are CATEGORY C MODEL CV1500 CONTROL VALVES, NOMINAL SIZE 2-1/2IN, 3IN, AND 4IN

In support of the application, the following information, calculations and/or test data are attached:
SEE PAGE TWO FOR DOCUMENT LISTING

Declared before me at Three Rivers, MI

In the 1st county of St. Joseph

The 1st day of March AD 2019

Roberta Marie Ryan
A (commissioner for oaths)

Andy Schirk
Signature of Declarer³



REGISTERED

CRN: CSA-OC21290.56

Registration Process administered by
CSA Group per CSA B51

For Official Use Only

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

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. APRIL 11 2029

Registered Number CRN CSA-OC21290.56

For the Chief Inspector A. BANWAT
Date APRIL 24 2019



¹ Three completed copied of Statutory Declaration form together with three copies of Catalogs, drawings of Bulletins illustrating above fittings shall be submitted.

² All fittings are required to be registered in the name of the Manufacturer.

³ This form shall be completed and signed by the president of highest official in the manufacturing plan where the fitting is produced.

Note:

1. See attachment as the scope of registration.
2. This registration covers only the valves in full compliance with ASME B16.34.



345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel 416 734 3300
Fax: 416 231 1626
Toll Free: 1 877 682 8772

www.tssa.org

April 11, 2019

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

Service Request Type: BPV-Fitting Registration
Service Request No.: 2526882
Your Reference No.: A2019-133
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.: 0C21290.5

Main Design No.: Control Valve Model CV1500 (see the attachment to the Statutory Declaration Form for the scope of registration.)

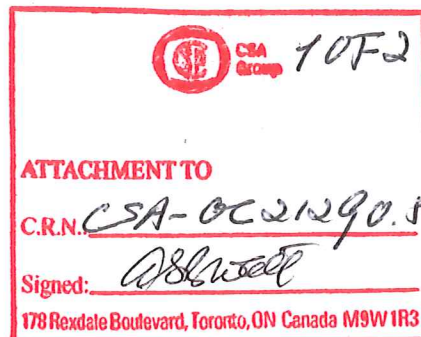
Expiry Date: 11-Apr-2029

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. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,


Mark Valcic P. Eng.
Engineer Specialist BPV
Tel.: 416-734-3494
Fax: 416-231-1626
Email: mvalcic@tssa.org





Armstrong International, Inc.

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

Page 2 (Continued from Statutory Declaration)

The scope of this application includes:

Model CV1500 Control Valve.

Connection sizes: 2-1/2in, 3in, and 4in

Connection types: CL150 flange and CL300 flange

Material of Construction: ASTM A216 Gr. WCB and ASTM A351 Gr. CF8M

Maximum allowable pressure: matches flange ratings.

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

Catalog pages applicable to these products

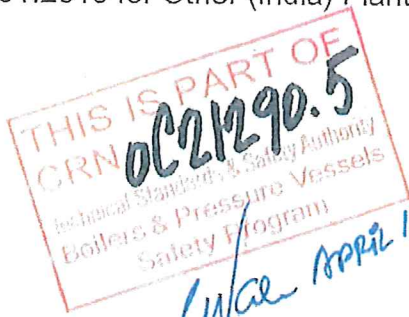
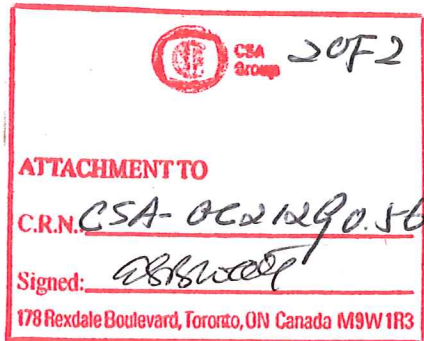
Drawings:

- (01) END66850, (02) END66851, (03) END66853, (04) END66854, (05) END66884,
- (06) END67250, (07) END67251, (08) END67253, (09) END67254, (10) END67285,
- (11) END68054, (12) END68055, (13) END68057, (14) END68058, (15) END68087,
- (16) END73213, (17) END73224, (18) END73234, (19) END73245, (20) END73255,
- (21) END92765, (22) END92766, (23) END92768, (24) END92769, (25) END92778,
- (26) END92779, (27) END92781, (28) END92782, (29) END92791, (30) END92792,
- (31) END92794, (32) END92795, (33) END92885

CV1500 Control Valve size 2-1/2in, 3in, and 4in evaluations to ASME B16.34

CERTIFICATE OF REGISTRATIONS ISO 9001:2015 for Main (USA) Plant
Inspection Agency: Hartford Steam Boiler

CERTIFICATE OF REGISTRATIONS ISO 9001:2015 for Other (India) Plant
Inspection Agency: TUV



HSB Registration Services
595 E. Swedesford Road
Wayne, Pennsylvania 19087

Certificate of Registration

This is to certify that:

Armstrong International

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 9001:2015
are fulfilled.

Certificate Number: Q 383

Initial Audit Date: October 3, 2001

Effective Date: January 12, 2005

Expiration Date: **January 11, 2021**

Revision Date:


Signed on behalf of HSB Registration Services



Hartford Steam Boiler



CERTIFICATE

Management system as per
ISO 9001 : 2015

In accordance with TÜV NORD CERT procedures, it is hereby certified that

ARMSTRONG INTERNATIONAL PRIVATE LIMITED
P-46, Eighth Avenue, Domestic Tariff Area,
Mahindra World City, Anjur Village,
Natham Sub, Chengalpattu - 603 004,
Tamil Nadu,
India



applies a management system in line with the above standard for the following scope

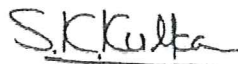
Design, Manufacture and Supply of Steam Traps, Trap Valve Stations,
Pressure & Temperature reducing Stations, Condensate Recovery Equipment,
Hot Water Systems, Heat Pumps, Manifolds, Valves, Strainers and Flow Meters.
Provision of Utility Design Consultancy, Operation and Maintenance Service
of Utilities, Energy Audit Services, Trap Audit & Trap Management Services
and Turnkey Project Services

Certificate Registration No. 44 100 094373
Audit Report No. 2.5-4474/2009

Valid until 16.12.2021

Valid from 17.12.2018

Initial certification 17.12.2009



Certification Body
at TÜV NORD CERT GmbH

Issue 22.08.2018

Place : Mumbai

This certification was conducted in accordance with the TÜV NORD CERT auditing and certification procedures & shall be valid subject to regular Surveillance Audit.

TÜV NORD CERT GmbH

Langemarckstrasse 20

45141 Essen

www.tuev-nord-cert.com

TUV India Pvt. Ltd., 801, Raheja Plaza – 1, L.B.S. Marg, Ghatkopar (W), Mumbai - 400 086, India www.tuv-nord.com/in



Deutsche
Akkreditierungsstelle
D-ZM-12007-01-01