

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 816 Maple Street, Three Rivers, MI 49093

(plant address)

REGISTERED



CRN: CSA-OE12748.56R2

Registration Process administered by
CSA Group per CSA B51

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 consistent with ASME
B31.1 + B31.3 code and standard, and are designed to the best current engineering practice, as shown by the supporting test data.
(b) Quality control of ManufactureI 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 ServicesThe fittings² 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 2Declared before me at Three RiversIn the of State of MichiganThe 30th day of October AD 2018
Roberta Marie Ryan
 (Notary Public, St. Joseph County, Ind.)
 My Commission Expires Sept. 13, 2024

Andy Schirk
 Signature of Declarer³
**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. 22. 2028Registered Number CRN CSA-OE12748.56R2

For the Chief Inspector

Date

CSA
GroupR. BARNESDECEMBER 11. 2018

¹ Three completed copies 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 plant where the fitting is produced.





345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel.: 416.734.3300
Fax: 416.231.1626
Toll Free: 1.877.682.8772

www.tssa.org

November 22, 2018

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

Service Request Type: BPV-Fitting Registration
Service Request No.: 2438546
Your Reference No.: A2018-122
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.: 0E12748.5R2

Main Design No.: RENEWAL - STRAINERS MODEL D1SW/F22 - 1/2" TO 2"

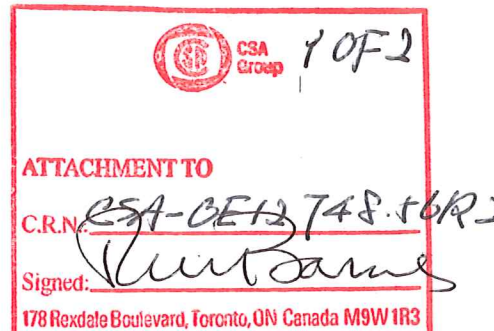
Expiry Date: 22-Nov-2028

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,

Wendy Du, P.Eng.
Technical Standards & Safety Authority
Boilers & Pressure Vessels Safety Program
Tel.: 416-734-3566
Fax: 416-231-6183
Email: wdu@tssa.org





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
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

