

December 12, 2018

Attention: Emma Smith
AAONE
PO BOX 91072
BURNHAMTHORPE PO
TORONTO, ON M9C 5N5

Email: aaone@rogers.com

The design submission, tracking number 2018-08055, originally received on December 04, 2018 was surveyed and accepted for registration as follows:

CRN : 0E12748.52 **Accepted on:** December 12, 2018
Reg Type: RENEWAL **Expiry Date:** November 22, 2028
Drawing No. : 2190 & 2296 Rev A
Fitting type: STRAINER MODELS D1SW/F22 1/2" TO 2"
Design registered in the name of : ARMSTRONG INTERNATIONAL INC

The registration is conditional on your compliance with the following notes:

- This registration is a renewal to an accepted design with the understanding that the design conditions are the same as the original fitting registration.
- The scope of registration sheet has been attached to the Statutory Declaration form AB-41.

As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction is ASME B31.3.

- This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form.
- This registration is valid only until the indicated expiry date and 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.

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3360 or fax (780) 437-7787 or e-mail Issa@absa.ca.

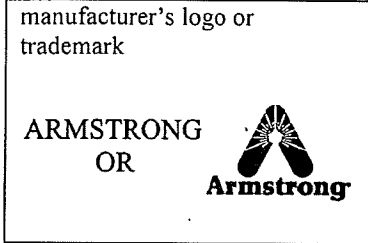
Sincerely,



ISSA, SAMIR, P. Eng.
DOP Cert. No. D00009269



STATUTORY DECLARATION
Registration of Fittings



I, Andy Schirk
Global Quality Director
(company title, e.g. vice president, plant manager, chief engineer) (must be in a position of authority)
of Armstrong International, Inc.
(name of manufacturer)

located at 816 Maple Street, Three Rivers, MI 49093
(plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (check one)

- comply with the requirements of _____ which specifies the dimensions, (title of recognized North American Standard) materials of construction, pressure/temperature ratings and identification marking of the fittings, or
- are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with consistent with ASME B31.1 - 2007 as supported by the attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, HSB Registration Services as being suitable for the manufacture of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are Category E

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

See Page 2

DECLARED before me at Three Rivers in the state of Michigan
this 30th day of October, 2018
(print) ROBERTA MARIE RYAN (Month) (Year)
Notary Public, St. Joseph County, MI
My Commission Expires Sept. 13, 2024
(sign) Roberta Marie Ryan Andy Schirk
(A Commissioner for Oaths) (Signature of Applicant)

For Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Clause 4.2, and is accepted for registration in Category E

Registration Number: OE12748-52

Date Registered: DEC 12 2018

(For the Administrator/Chief Inspector of Alberta)
Expiry Date: November 22, 2028

The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Boiler Discipline.

* See Scope of Registration sheet attached to this form. Summary
Dec 12, 2018



Armstrong

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

ABSA	
SAFETY CODES ACT - PROVINCE OF ALBERTA	
REGISTRATION OF FITTINGS	
REGISTRATION NO.	0E12748-52
DWG. NO. or CAT. NO.	<u>2190 & 2296 Rev A</u>
TYPE OF FITTINGS	<u>Strainer Models D1SW/F22 Vto 2</u>
Date	DEC 12 2018
INITIALS	
	SAMIR ISSA, P.ENG. DESIGN SURVEY ENGINEER