



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

February 12, 2013

Preston Kernohan
Pressure Vessel Engineering
120 Randall Drive, Suite B
Waterloo, ON
N2V 1C6

Attn: Preston Kernohan

REGISTRATION OF VALVES AND FITTINGS

Manufacturer: Armstrong International

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
D46044 Rev. A, D46045 Rev. A & D46093 Rev. A	0E15662.54	32314

An invoice covering survey and registration fees is enclosed.

NOTE: This registration expires November 23, 2022.

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,

Ryan DeLury, C.E.T.
Senior Design Surveyor, Inspection and Technical Services

MANITOBA

DEPARTMENT OF LABOUR
AND IMMIGRATION
500 - 401 York Avenue
Winnipeg, Manitoba R3C 0P8



STATUTORY DECLARATION REGISTRATION OF FITTINGS

(a) Design Qualification

1. Andy Schirk
(See Note 2)

Quality Assurance Manager

(Position e.g.: president, plant manager, chief eng.)

of Armstrong International, Inc

(Name of company)

located at 816 Maple Street Three Rivers, MI 49093

(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 B31.3 2010 EDITION 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 ISO, and has been verified by the following authority or authorized agency HSB REGISTRATION SERVICES
9001:2008

The fittings covered by this declaration, for which I seek registration, are TVS4000, 360° & IS2 Connectors

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

DRAWINGS (assembly, part machining, rough parts) : TVS4000 Trap Valve Station Catalogue, Standard 360° Connector Catalogue & IS2 Catalogue. CALCULATIONS: PVEic-6422-0.0. QC Certificate, burst test calculations, MTR's, burst test results, options listing.

Declared before me at Three Rivers in the province/state of Michigan the 29th
day of Oct AD 20 12

A (commissioner for oaths)

Robert M. Ryan
ROBERTA M. RYAN
Notary Public, St. Joseph Co., MI
My Commission Expires Sept. 13, 2018

Andy Schirk
Signature of Declarer

(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.

EXPIRES NOV. 23, 2022

Registered Number CRN DE15662.54 For the Chief Inspector

Ryan

Date: Jan 28, 2013

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.