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November 23, 2012

PRESTON KERNOHAN
PRESSURE VESSEL ENGINEERING LTD.
120 RANDALL DR SUITE B
WATERLOO ON N2V 1C6
CA

Service Request Type: BPV-Fitting Registration
Service Request No.: 944406
Your Reference No.: PVE-6422
Registered to: ARMSTRONG INTERNATIONAL

Dear PRESTON KERNOHAN,

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

CRN No.: 0E15662.5

Main Design No.: Dwg. No. D46044 Rev. A: 360 Connector (only) series; Dwg. No. 46045 Rev. A: IS2 trap series; Dwg. No. D46093 Rev. A: TS4000 Trap valve station series.
Expiry Date: 23-Nov-2022

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 BPV
Tel.: 416-734-3494
Fax: 416-231-6183
Email: mvalcic@tssa.org





TECHNICAL STANDARDS & SAFETY AUTHORITY
 14th Floor, Centre Tower
 3300 Bloor Street West
 Toronto, Ontario
 Canada M8X 2X4



STATUTORY DECLARATION Registration of Fittings

I, Andy Schirk Quality Assurance Manager
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Armstrong International, Inc
(Name of Manufacturer)

Located at 816 Maple Street Three Rivers, MI 49093 (269)-273-1415 (269)-278-6555
(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 B31.3 2010 EDITION 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 ISO 9001:2008 which has been verified by the following authority, HSB REGISTRATION SERVICES.

The items covered by this declaration, for which I seek registration, are category E type fittings. In support of this application, the following information and/or test data are attached as follows:
 DRAWINGS (assembly, part machining, rough parts) : TV54000 Trap Valve Station Catalogue, Standard 360° Connector Catalogue & IS2 Catalogue.
 CALCULATIONS: PVEcl-6422-0.0. QC Certificate, burst test calculations, MTR's, burst test results, options listing.
(drawings, calculations, test reports, etc.)

Declared before me at Three Rivers in the county of St. Joseph
 the 29th day of Oct AD 2012.

Commissioner for Oath ROBERTA M. RYAN
 Notary Public, St. Joseph Co., MI
 My Commission Expires Sept. 13, 2018
(Printed name)

Roberta M. Ryan Andy Schirk
(Signature) (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 E.

CRN: OE/5662.5
 Registered by: MARK VALCIC, P.ENG.
 Dated: Nov. 23, 2012
 NOTE: This registration expires on Nov. 23, 2022

Technical Standards and Safety Authority **Boilers and Pressure Vessels Safety Program**

REGISTERED

CRN: OE/5662.5

Signed: [Signature]

Date: NOV. 23, 2012