



Technical Safety Authority of Saskatchewan

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Statutory Declaration (Registration of Fittings)

TSK-1008

I. Declaration Information

I. JONATHAN HUBBARD

QUALITY ASSURANCE MANAGER

(company title, e.g. vice president, plant manager, chief engineer)
(must be in a position of authority in the manufacturing plant where the fitting is produced)

of: ARMSTRONG INTERNATIONAL, INC

(name of manufacturer)

located at: 816 MAPLE STREET THREE RIVERS, MI 49093 USA

(Plant Address - Apt/Street)

(City, Prov)

(Postal Code)

do solemnly declare that the fittings listed hereinunder, which are subject to the **Saskatchewan Boller and Pressure Vessel Safety 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 ASME B31.1 & B31.3 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 manufacturer 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 manufacturer 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:

Model 521 series steam traps, Model CD80S series steam traps, Model CD82S series steam traps. See page two for document listing.

II. Declaration

DECLARED before me at Three Rivers In the county of St. Joseph
this 9th day of May, 2018
ROBERTA M. RYAN
Notary Public, St. Joseph Co., MI
My Commission Expires Sept. 13, 2018
(print name) (Signature)
Jonathan Hubbard
(Signature of Commissioner of Oaths)

III. Office Use Only

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

(Registration Number)

REGISTERED



MAY 20 2018
(Date Registered - MM DD YYYY)
(For the Administrator / Chief Inspector)

MAY 20 2018
(Expiry Date - MM DD YYYY)

CRN: CSA-0E1564.6

Registration Process administered by
CSA Group per CSA B51

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Armstrong International, Inc.

816 Maple Street, Three Rivers, Michigan 49093 USA Phone: (269) 273-1415 Fax: (269) 273-8555

Scope of CRN Registration

Product:	CD-80S and CD-82S Disc Traps	521 - Inverted Bucket Steam Traps
Design Code:	ASME B31.1 and B31.3	ASME B31.1 and B31.3
Material:	ASTM A182 F 11 cl 2/ A182 F 22 cl 3	ASTM A105N
Design Pressure:	1500psi	1000psi
Design Temperature:	650°F	700°F

Intelligent System Solutions STEAM AIR HOT WATER

www.armstronginternational.com



Armstrong International, Inc.

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

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Although the most applicable specification for the use of these steam traps would be ASME B31.1 Power Piping or ASME B31.3 Process Piping, a pressure boundary analysis has been performed consistent with the equations and requirements of ASME Boiler Pressure Vessel code; Section VIII; Division 1; 2013. While the size of these traps is smaller than what is covered by this specification, we feel it provides the most appropriate analytical guidelines.

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

Model 521 series catalog information; Model 521 Series Trap evaluation; Drawings ENC1490E, ENSAB481, ENSAB905, END64379, END92891, END85478, END65873, ENA6024, ENA6049, A6723C, END9198; Material Test Reports.

Model CD80S series catalog information; Model CD80S Series Trap evaluation; Model CD82S Series Trap evaluation; Drawings END61655, END61676, END61660, END61661, END80146, END80251, END63066, ENA8905, ENA8906, END87108, END91082, END87107, END87039, END80251, END80146, END87144; Material Test Reports.

Armstrong International Certificate of Registration to ISO 9001:2015

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: March 29, 2018


Signed on behalf of HSB Registration Services



Hartford Steam Boiler



Certificate Number: Q 383
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