Statutory Declaration Registration of Fittings

QUALITY ASSURANCE MANAGER (Position eg, president, plant manager, chief eng.) ARMSTRONG INTERNATIONAL, INC (name of company) Located at 816 MAPLE STREET, THREE RIVERS, MI 49093 USA (plant address) de 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 ASME 831.1 & B31.3 code and standard, and are designed to the best current engineering practice, as shown by the supporting lest 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 180 9001:2015 and has been verified by the following authority or authorized agency HSB Registration Services The 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: Model 621. Model CD80S. & Model CD82S series steam traps. See page two for document listin Declared before me at 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(a) Design Qualification	DECICTEDED		
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My Commission Expires Sept. 13, 2018 For Official Use Only	A (commissioner for paths) Notary Public, St. Joseph Co., MM Signature of Declared			
	My Commission Expires Sept. 13, 2018			
The application is accepted for registration in Category in accordance with the Boilers and Pressure Vessels Act	For Official Use Only			
and CSA Standard B51.				
This registration must be revalidated after ten (10) years from the date of acceptance. MAY · 20 · 2028				
Registered Number CRN CSA - 0E1564.6 For the Chief Inspector Group R. BARNES	Registered Number CRN CSA - 0E1564.6 For the Chief			
Date MAY - 20 - 2018				

¹ Three completed copied of Statutory Declaration form together with three copies of Catalogs, drawings of Bulletins illustrating above fittings shall be submitted.

All fittings are required to be registered in the name of the Manufacturer.

This form shall be completed and signed by the president of highest official in the manufacturing plan where the fitting is produced.



Armstrong International, Inc. 816 Maple Street, Three Rivers, Michigan 49093 USA Phone: (269) 273-1415

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	650°F	700°F
Temperature:		



Armstrong International, Inc.

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

Fax: (269) 278-6555

Page 2 (Continued from QUE Statutory Declaration)

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





