



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

December 20, 2012

Alicia Czerniawski
Anric Enterprises Inc.
202-701 Evans Ave.
Toronto, ON
M9C 1A3

Attn: Alicia Czerniawski

REGISTRATION OF VALVES AND FITTINGS

Manufacturer: Armstrong International Inc.

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
Catalog 236-A 30M 1/02	0E8231.54	32259

An invoice covering survey and registration fees is enclosed.

NOTE: Scope of Registration as per attached 2 pages stamped "Part of CRN"; includes models, drawing and catalog pages accepted. This registration expires October 26, 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 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 AMSE 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 9001:2008, and has been verified by the following authority or authorized agency HSB Registration Services.

The fittings covered by this declaration, for which I seek registration, are Series 300 & Misc. Traps / Vents

In support of the application, the following information, calculations and/or test data are attached:
Series 300 Traps/Air Vent/Liquid Drainer/Dual Gravity/DC/BVSW/HLS/HLAR/AR/VAR - see page 2 for more information

Declared before me at Three Rivers in the province/state of Michigan the 31st
day of Oct AD 20 12

A (commissioner for oaths)

Roberta 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 OCT 26, 2022

Registered Number CRN 0E8231.54 For the Chief Inspector

Ryan Date: DEC 20, 2012

Notes:

- * AS PER ATTACHED "PART OF CRN" FOR SCOPE OF REGISTRATION. (RD)
- (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.



Armstrong Steam and Condensate Group

816 Maple St, Three Rivers, Michigan 49093 – U.S.A. Phone: (269) 273-1415 · Fax: (269) 278-6555

Page 2 (Continued from TSSA Statutory Declaration)

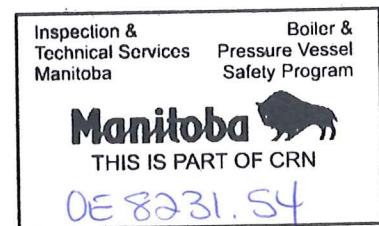
Series 300 Trap/Air Vent/Liquid Drainer/Dual Gravity/DC/BVSW/HLS/HLAR/AR/VAR (continued)

Calculations:

Series 300 Trap Analysis; October 8, 2002, Michael Hellman; Catalog #236-A 30M 1/02 (300 series pages)

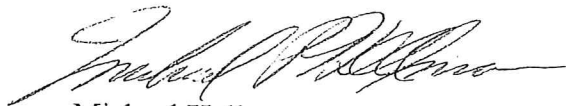
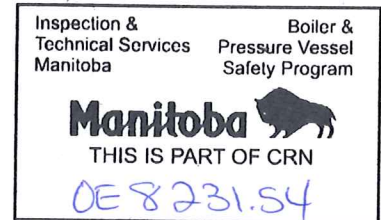
Dwgs:

D1545, D1408, D2676, D2677, D2678, D1480, D1482, D1483, D1484, D1485, D1486, A5399, A5400



Each of the 300 Series trap models is listed in our 'All Products' Catalog #326-A 30M 1/02 on the pages noted below.

SIZE	MODEL	CATALOG PAGES
310 - 316	TRAP	84, 85
21-312	AR/VAR	441
32, 33,36	AV	444, 445
2313/5/6	HLAR	446
312, 313	BVSW	492, 493
32, 33, 36	LD	494, 497
21-312		498, 499
71-315		498, 499
2313/5/6	HLS	500,501
32, 33, 36	DG	502, 503



Michael Hellman
Product Engineering Manager
Three Rivers Division
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