



BPV-D-09-00117



Technical Standards & Safety Authority  
4th Floor, West Tower  
3300 Bloor Street West  
Toronto, ON M8X 2X4  
Tel: (416) 325-9227  
Fax: (416) 326-1662

### TSSA NATIONAL REGISTRATION SERVICE APPLICATION

1.0 **APPLICANT INFORMATION:**

COMPANY NAME: Circor Instrumentation Technologies  
ADDRESS: 405 Centura Court  
TELEPHONE: 864-574-51149  
FAX: 864-587-56315  
CONTACT NAME: A.H. Long  
E-MAIL ADDRESS: arlong@cirrcortech.com

2.0 **MANUFACTURER INFORMATION:**

COMPANY NAME: DBA: Circle Seal Controls Inc. aka: Circor Aerospace Inc  
  
PLANT LOCATION: 2301 Wardlow Circle, Corona CA 92880  
FITTINGS DESCRIPTION: ASME M5100 Series safety Relief Valves Category "C"  
CONTACT NAME: Same as Applicant above

3.0 **DOCUMENTS PROVIDED:**

- STATUTORY DECLARATION FORM - To be included for Fitting Submissions ONLY
- PROOF OF QUALITY CONTROL CERTIFICATE - To be included for Fitting Submissions ONLY
- DRAWINGS/CATALOGUE NUMBER(S): Catlogue CSCCRV- ASNME M5100 Series Relief Valves
- SUPPORTING CALCULATIONS/PROOF TEST/ASME ASME UV Certificate #4599 National Board Certificate dated March 10-2008,

4.0 **SERVICE REQUIRED:**

0612850.5

- 4.1 REGISTRATION FOR:  PRESSURE VESSEL  
 SINGLE FITTINGS  
 CATALOGUE/MULTIPLE FITTING DESIGN

4.2 **REGISTRATION REQUIRED IN THE FOLLOWING JURISDICTIONS IN ADDITION TO ONTARIO:**

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> BRITISH COLUMBIA | <input checked="" type="checkbox"/> NOVA SCOTIA               |
| <input checked="" type="checkbox"/> ALBERTA          | <input checked="" type="checkbox"/> PRINCE EDWARD ISLAND      |
| <input checked="" type="checkbox"/> SASKATCHEWAN     | <input checked="" type="checkbox"/> NEWFOUNDLAND AND LABRADOR |
| <input checked="" type="checkbox"/> MANITOBA         | <input checked="" type="checkbox"/> YUKON                     |
| <input checked="" type="checkbox"/> QUEBEC           | <input checked="" type="checkbox"/> NORTHWEST TERRITORIES     |
| <input checked="" type="checkbox"/> NEW BRUNSWICK    | <input checked="" type="checkbox"/> NUNAVUT                   |

*Arthur H. Long*  
SIGNED

*January 12, 2009*  
DATE

NALG # 09-00679



**TECHNICAL STANDARDS &  
SAFETY AUTHORITY**

14th Floor, Centre Tower  
3300 Bloor Street West  
Toronto, Ontario  
Canada M8X 2X4

**February 19, 2009**

CIRCOR INSTRUMENTATION TECHNOLOGIES

Contact : ARTHUR H LONG

405 CENTURA COURT

P.O. BOX# 4866

SPARTANBURG, SC

US 29305

Dear Sir/Madam:

**Re: Your Design No: M5100 ET AL**

**Our Reference No: BPV-D-09-00117**

The above design has been registered under CRN : 0G12850.5. A stamped copy of your statutory declaration form is enclosed.

The invoice for registration will be forwarded under separate cover.

This Registration expires on February 19, 2019.

Valid quality control system must be maintained for the fitting registration to remain valid until the expiry date.

Notes :The Scope of CRN: M5100-1M in Brass or SS316 with various types of O-Rings and set points

M5100-2M in Brass or SS316 with various types of O-Rings and set points

M5100-3M in Brass or SS316 with various types of O-Rings and set points

M5100-4M in Brass or SS316 with various types of O-Rings and set points

M5100-6M Set Point 100 - 1200 in Brass or SS316 with various types of O-Rings and set points

M5100-8M Set Point 100-1200 in Brass or SS316 with various types of O-Rings and set points

More detailed information can be also found in the following NB database:

<http://www.nationalboard.org/SiteDocuments/NB18/PDFs/NB18pdfs/LISTING%20OF%20ASSEMBLER%20AND>

Yours truly

Charley Dong, P. Eng.

Mechanical Engineer, BPV

Tel. No.: (416) 734-3436



Fax No.: (416) 231-6183

cdong@tssa.org



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

Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below

## STATUTORY DECLARATION

### Registration of Fittings

I, Arthur H. Long, Division Director Product Registration/Certification (Applicant)  
*(Name and Position, e.g. President, Plant Manager, Chief Engineer)*

of Circor Instrumentation Technologies dba: Circle Seal Controls Inc, aka Circor Aerospace Inc  
*(Name of Manufacturer)*

Located at 2301 Wardlow Circle, Corona CA 92880 USA (Manufacturer) (864) 595-5149 (864) 595-5163  
*(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 **Internal design Practices** 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 ASME UV Cert #4599 which has been verified by the following authority, National Board Certificate dated March 10, 2008

The items covered by this declaration, for which I seek registration, are category "G" ASME M5100 SRV type fittings. In support of this application, the following information and/or test data are attached as follows:

Catalog Nos: CSCCRV Pages 17, 18 and 20, Data sheets, Nat'l Board Capacity Certification, Drawings & Stress Analysis  
*(drawings, calculations, test reports, etc.)*

Declared before me at Spartanburg in the County of Spartanburg  
 the 13 day of Jan AD 20 09.

Commissioner for Oaths:  
Linda Marlene Cox  
*(Printed name)*  
Linda Marlene Cox  
*(Signature)*

MY COMMISSION EXPIRES  
 MARCH 18, 2015

Arthur H. Long  
*(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 G

Technical Standards and Safety Authority	Boilers and Pressure Vessels Safety Program
REGISTERED	
C.R.N.: <u>0G12850.5</u>	
Signed: <u>Charley Dong</u>	
Date: <u>Feb. 19, 09</u>	

CRN: 0G12850.5  
 Registered by: Charley Dong  
 Dated: Feb. 19, 09

NOTE: SEE ATTACHED  
 'PART OF CRN'  
 FOR THE SCOPE  
 15/6  
Feb. 19, 09

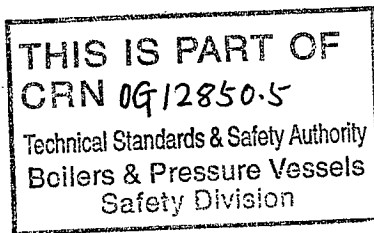
NOTE: This registration expires on Feb. 19, 2019

## The Scope of CRN

M5100-1M in Brass or SS316 with various types of O-Rings and set points  
M5100-2M in Brass or SS316 with various types of O-Rings and set points  
M5100-3M in Brass or SS316 with various types of O-Rings and set points  
M5100-4M in Brass or SS316 with various types of O-Rings and set points  
M5100-6M Set Point 100 - 1200 in Brass or SS316 with various types of  
O-Rings and set points  
M5100-8M Set Point 100-1200 in Brass or SS316 with various types of  
O-Rings and set points

More detailed information can be also found in the following NB database:

<http://www.nationalboard.org/SiteDocuments/NB18/PDFs/NB18pdfs/LISTING%20OF%20ASSEMBLER%20AND%20MANUFACTURER%20CERTIFICATIONS.pdf>



NOTE: CRN EXPIRES ON FEB. 19, 2019. // CXD  
TSSB  
Feb. 19/09