



To:	TSSA	From:	Janet Townsend
Company:	Circor Aerospace Inc.	Phone:	416-747-4291
Pages:	7	Location:	Toronto
Our File:	ANR-5490	Date:	August 21, 2019

Your File: 2659844

**Subject: Request for Design Registration**

CSA has reviewed the documentation submitted by TSSA on behalf of Circor Aerospace Inc. These fittings have been registered by CSA for the Province of Québec. In accordance with an agreement between CSA, the Provinces of Québec and Saskatchewan; this registration is recognized by Quebec and Saskatchewan. These fittings are acceptable for use in these Provinces. The letters CSA will be applied as a prefix to the CRN indicate which fittings have been registered in this manner. A copy of the stamped Statutory Declaration is attached.

The CRN is CSA-0C21637.56

A copy of the Statutory Declaration with an original stamp affixed will be forwarded to you along with our invoice by regular mail.

Yours truly

A handwritten signature in blue ink that reads 'Janet Townsend'.

**Janet Townsend**  
Program Manager  
CSA Group  
178 Rexdale Blvd.  
Toronto, ON, M9W 1R3  
Canada  
[www.csagroup.org](http://www.csagroup.org)



REGISTERED



CRN: CSA-OC21637.56

Statutory Declaration Registration of Fittings

Registration Process administered by CSA Group per CSA B51

(a) Design Qualification

CIRCOR

Circle Seal Controls

RANDALL RALEY

(Name of applicant)

PRODUCT MANAGER

(Position eg, president, plant manager, chief eng.)

CIRCOR AEROSPACE, INC.

(name of company)

2301 WARDLOW CIRCLE, CORONA, CALIFORNIA, 92880, USA

(plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Boilers & Pressure Vessels Act:

[X] 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 code and 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, and has been verified by the following authority or authorized agency SAI GLOBAL

The fittings covered by this declaration, for which I seek registration, are CATEGORY C - INLINE PROCESS VALVES

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

SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS

Declared before me at

In the of of

The day of AD 200

See attached @ 07/16/19 Randall Raley Signature of Declarer

A (commissioner for oaths)

For Official Use Only

The application is accepted for registration in Category C 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. July 30 2029

Registered Number CRN CSA-OC21637.56

For the Chief Inspector Date



A. BANWATT Aug 20 2019

1 Three completed copies of Statutory Declaration form together with three copies of Catalogs, drawings of Bulletins illustrating above fittings shall be submitted. 2 All fittings are required to be registered in the name of the Manufacturer. 3 This form shall be completed and signed by the president or highest official in the manufacturing plant where the fitting is produced.





# Technical Safety Authority of Saskatchewan

REGISTERED



CRN: CSA-OC21637.56

Registration Process administered by  
CSA Group per CSA B51

2202 2nd Ave.  
Regina, SK S4R 1K3  
PH: (306)798-7112 Toll Free: (866)530-8599  
FAX: (306)787-9273 Toll Free: (866)760-9255  
Email: [boilerpermits@tsask.ca](mailto:boilerpermits@tsask.ca)  
Website: [www.tsask.ca](http://www.tsask.ca)

## Statutory Declaration (Registration of Fittings)

TSK-1008

### I. Declaration Information

I, RANDALL RALEY

PRODUCT 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: CIRCOR AEROSPACE, INC.

(name of manufacturer)

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.



located at: 2301 WARDLOW CIRCLE

(Plant Address - Apt/Street)

CORONA, CALIFORNIA

(City, Prov)

92880, U.S.A.

(Postal Code)

do solemnly declare that the fittings listed hereinunder, which are subject to the *Saskatchewan Boiler and Pressure Vessel Safety Act* (check one)

Comply with the requirements of ASME B31.1 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 \_\_\_\_\_ 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, ISO 9001 SAI GLOBAL 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 C - INLINE PROCESS VALVES

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

SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS



### II. Declaration

DECLARED before me at \_\_\_\_\_ In the \_\_\_\_\_ of \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_

(print name)

(Signature)

See attached @ 07/16/19  
(Signature of Commissioner of Oaths)

### III. Office Use Only

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

CSA-OC21637.56

(Registration Number)

Aug -20- 2019

(Date Registered - MM DD YYYY)

July-30-2029

(Expiry Date - MM DD YYYY)

(For the Authority Chief Inspector)

A. BANWATT

\*Note: See the attachment for the scope of the registration.



TSK-1008  
Rev. 10/2012  
Page 1 of 1



345 Carlingview Drive  
Toronto, Ontario M9W 6N9  
Tel: 416.734.3300  
Fax: 416.231.1626  
Toll Free: 1 877 682 8772  
[www.tssa.org](http://www.tssa.org)

July 30, 2019

SCOTT ISLIP  
ROUND ENGINEERING INC  
10 SEGWUN RD  
WATERDOWN ON L8B 0K6  
CA

Service Request Type: BPV-Fitting Registration  
Service Request No.: 2646296  
Your Reference No.: R-1014  
Registered to: CIRCOR AEROSPACE INC

Dear SCOTT ISLIP,

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

**CRN No.:** 0C21637.5  
**Main Design No.:** Adjustable Popoff & Inline Valve (see the attachment to the Statutory Declaration for the scope of registration.)  
**Expiry Date:** 30-Jul-2029

Please be advised that a valid quality control system must be maintained for the fitting registration to remain valid until the expiry date.

**NOTE: Registered valves shall not be used as primary protection safety relief valves.**

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](mailto: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 Specialist BPV  
Tel.: 416-734-3494  
Fax: 416-231-1626  
Email: [mvalcic@tssa.org](mailto:mvalcic@tssa.org)



**CIRCOR AEROSPACE, INC.**  
 2301 Wardlow Circle  
 Corona, California  
 92880, USA



12-Jun-19

PAGE 1 OF 1

**SCOPE OF CRN REGISTRATION**

Product Description	Model	Design Code	Material Specifications	Size Range	End Connection	MAWP at MAWT (Note 1)	Report Number
Adjustable Popoff & Inline Process Valves (Note 2)	Series 500	ASME B31.1	Stainless Steel ASTM A479-316, Brass ASTM B16 UNS C36000, Aluminum ASTM B221 UNS A96061 T4, Aluminum ASTM B221 UNS A96061 T6, Stainless Steel ASTM A582-303 meeting the requirements specified in ASTM A473.	1/8", 1/4", 3/8", 1/2", 3/4", 1", 1-1/4"	NPT	200 psig at 400°F	R-1014
				1/4"			
Adjustable Popoff & Inline Process Valves (Note 2)	Series HP500	ASME B31.1	Stainless Steel ASTM A479-316, Brass ASTM B16 UNS C36000.	1/4"	NPT	575 psig at 350°F	R-1014
				1/2"			

**Note 1:** MAWP = Maximum Allowable Working Pressure, MAWT = Maximum Allowable Working Temperature.

**Note 2:** Valves not to be used as primary protection safety relief valves.

**Note 3:** The pressure-temperature ratings shown are the maximum CRN pressure-temperature ratings. In all cases the pressure-temperature ratings may be limited by the seat and seal materials. Please consult Circle Aerospace, Inc.

**Note 4:** For low temperature operation the products shall conform to the rules of the applicable codes under which they are used.

**Note 5:** In accordance with ASME B31.1 para. 123.1.2(D) when this product is manufactured from a ASME B31.1 unlisted material and used under the ASME B31.1 code the facility owner must accept the use of the following non listed materials.  
 - Stainless Steel ASTM A582-303 meeting the requirements specified in ASTM A473.

**THIS IS PART OF**  
**CRN 0216375**  
 Technical Standards & Safety Authority  
 Boilers & Pressure Vessels  
 Safety Program  
*Walter July 30 19*

2 OF 2

**CSA GROUP**

ATTACHMENT TO  
 C.R.N.: CSA-OC 021637.56  
 Signed: [Signature]  
 178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3



# CERTIFICATE OF REGISTRATION

This is to certify that

**CIRCOR Aerospace, Inc.**

**2301 Wardlow Circle, Corona, California 92880 USA**

The above organization has been audited in accordance with the requirements of AS9104/1:2012. QMI-SAI Canada Limited (SAI Global) located in Toronto, Ontario, Canada is accredited under the Industry Controlled Other Party (ICOP) scheme. The certificate is issued at the accreditation location in Toronto, Canada.

operates a

**Quality Management System**

which complies with the requirements of

**ISO 9001:2015 + AS9100D**

for the following scope of certification

**Design, manufacture and servicing of check valves, relief and shutoff valves, solenoid and motor operated valves, regulators, and pressure gages, plus design, manufacture and testing of landing gear, systems and their related components and assemblies for the aerospace, defense and commercial industries.**

Certificate No.: CERT-0116453  
File No.: 1067874  
Issue Date: March 28, 2018

Original Certification Date: July 2, 2008  
Certification Effective Date: April 25, 2018  
Certification Expiry Date: **April 24, 2021**

Nicole Grantham  
General Manager SAI Global Certification Services



AS9100D



Registered by:  
QMI-SAI Canada Limited (SAI Global), 20 Carlson Court, Suite 200, Toronto, Ontario M9W 7K6 Canada. This registration is subject to the SAI Global Terms and Conditions for Certification. While all due care and skill was exercised in carrying out this assessment, SAI Global accepts responsibility only for proven negligence. This certificate remains the property of SAI Global and must be returned to them upon request.  
To verify that this certificate is current, please refer to the SAI Global On-Line Certification Register [www.qmi-saiglobal.com/qmi\\_companies/](http://www.qmi-saiglobal.com/qmi_companies/)

 **SAI GLOBAL**  
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March 2019

## **CRN – Canadian Registration Numbers – Saskatchewan**

The Province of Saskatchewan participates with Quebec and the Canadian Standards Association (CSA Group) for the registrations of “Fittings”.

Per an agreement with CSA Group in April 1998, Saskatchewan recognizes registrations done by CSA Group and accepts such fittings for use in Saskatchewan.

The letters “CSA” are applied as a prefix to the CRN to indicate which “Fittings” have been registered in this manner. You should inform your clients of this additional marking requirement and that “Fittings” registered by CSA Group are accepted for use in province of Saskatchewan, Canada.

178 Rexdale Blvd.  
Toronto, Ontario  
Canada M9W 1R3  
Tel: (416) 747-4000  
[www.csagroup.org](http://www.csagroup.org)

