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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. 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



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



CIRCOR | Circle Seal Controls

STATUTORY DECLARATION Registration of Fittings

I, RANDALL RALEY, PRODUCT MANAGER
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of CIRCOR AEROSPACE, INC.
(Name of Manufacturer)

Located at 2301 Wardlow Circle, Corona, California, 92880, USA 951-270-6462
(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 ASME B31.1

(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 _____ 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 ISO 9001 which has been verified by the following authority, SAI GLOBAL

The items covered by this declaration, for which I seek registration, are category C - Inline Process Valves type fittings. In support of this application, the following information and/or test data are attached as follows:
SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS

(drawings, calculations, test reports, etc.)

Declared before me at _____ in the _____ of _____
 the _____ day of _____ AD 20____.

Commissioner for Oaths:

(Printed name)
see attached BN 7/16/19
(Signature) Randall Raley
(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 C

CRN: 0C21637.5
 Registered by: MARK VALCIC, P.ENG.
 Dated: July 30, 2019

NOTE: This registration expires on July 30, 2029

Technical Standards and Safety Authority

Boilers and Pressure Vessels Safety Program

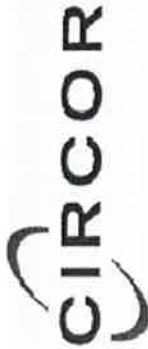
REGISTERED

C.R.N. 0C21637.5

Signed: [Signature]

Date: July 30, 2019

NOTE: SEE THE ATTACHMENT FOR THE SCOPE OF REGISTRATION. W. Khan July 30/19



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.

