



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)

October 29, 2019

CATHERINE DIPLOCK  
PRESSURE VESSEL ENGINEERING LTD.  
120 RANDALL DR SUITE B  
WATERLOO ON N2V 1C6  
CA

**Service Request Type:** BPV-Fitting Registration  
**Service Request No.:** 2695940  
**Your Reference No.:** PVE-11973-1  
**Registered to:** PARKER HANNIFIN MANUFACTURING FRANCE SAS

Dear CATHERINE DIPLOCK,

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

**CRN No.:** 0B21919.5  
**Main Design No.:** Custom Design Flanges c/w extensions (see the attachment to the Statutory Declaration Form for the scope of registration.)  
**Expiry Date:** 29-Oct-2029

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

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)



Technical Standards and Safety Authority  
345 Carlingview Drive  
Toronto, Ontario M9W 6N9  
www.tssa.org

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, Chantal BECKENSTEINER, General Manager

(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Parker Hannifin Manufacturing France SAS

(Name of Manufacturer)

Located at 74 A Rue de Paris - CS 46911 - 35069 RENNES Cedex - FRANCE +33 2 99 25 55 00 + 33 2 99 25 56 95  
(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 non boiler external piping & ASME B 31.3

(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, AFAQ

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

Ø 3, 4 and 6 inches Transair range presentation including TUV test reports, drawings, calculations/FEA, material datasheet  
(drawings, calculations, test reports, etc.)

Declared before me at JE SOUSSIGNÉ, Maître M<sup>e</sup> LATRILLE in the \_\_\_\_\_ of \_\_\_\_\_

associé à RENNES, 10 Avenue Janvier,

the \_\_\_\_\_ day of \_\_\_\_\_ AD 20 \_\_\_\_\_

CERTIFIÉ et ATTESTÉ par signature apposée

Commissioner for Oaths: M<sup>me</sup> BECKENSTEINER

A RENNES (35) - FRANCE

(Printed name) 23/10/2017

(Signature)

(Signature of Declarer)

### FOR OFFICE USE ONLY

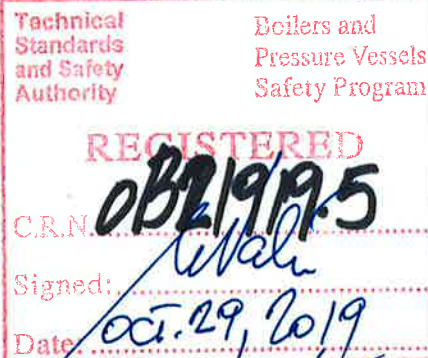
To the best of my knowledge and belief, the application meets the requirements of the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category B1.

CRN: 0B21919.5

Registered by: MARK VALCIC, P. ENG.

Dated: Oct. 29, 2019

NOTE: This registration expires on: Oct. 29, 2029



PV 09553 (06/16)

*NOTE: SEE THE ATTACHMENT FOR THE SCOPE OF REGISTRATION - [Signature] Oct. 29/19*

Document: 11973s-1 R0

The scope of this project covers a variety of Flange designs.

Design Data:

- Design Code: ASME B31.1/3 2016ED
- MAWP: 16 Bar @ 60°C
- MDMT: -20°C @ 16 Bar
- Hydrotest: 26 Bar
- Impact test Exemption: 124.1.2/323.2.2
- Radiography: N/A

Drawings included - Flanges:

- D6216-RA30-63-00
- D6216-RA31-63-00
- D6216-RA30-L1-00
- RA30-L3-00
- RA31-L3-00
- D6216-RA30-L8-K2
- D6216-RA31-L1-00
- D6216-RA31-L8-K2
- RA33-L1-24
- RA33-L1N24
- RA33-L3-24
- RA33-L3N24

Gaskets:

- EW05-L3-00
- EW05-L1-00
- EW05-L8-00A
- EW05-63-00
- EW05-K5-00

Calculations:

- 11973c-B31.1 Flanges R2
- 11973c-B31.3 Flanges R2

Materials:

- AS7G06 (MTRs included)



*Handwritten signature and date: Luke Oct. 29/19*