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February 22, 2023

ROUND ENGINEERING INC  
10 SEGWUN RD  
WATERDOWN ON L8B 0K6

**Workorder Type:** Registration - Fitting(Conventional)  
**Workorder No:** 8232032  
**Your Reference No.:** R-1812B  
**Registered to:** Parker Hannifin Manufacturing France

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 : 0C15761.5R3

Main Design No.: Scope of CRN registration ( Renewal to CRN 0C15761.5), Manufacturers' list, Design Report  
Expiry Date: 2033-2-22

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 (There will be no hard copies for electronic submissions). 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,

Ruiming You P,ENG  
Engineer, BPV  
Tel. : +1 416-734-3428  
Email : [ryou@tssa.org](mailto:ryou@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, Olivier Nadou, General Manager

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

of Parker Hannifin Manufacturing France SAS

(Name of Manufacturer)

Located at 1 Rue Andre et Yvonne Meynier, Rennes, France, 35069

(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 B31.3, 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 9001:2015 which has been verified by the following authority, AFNOR.

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

SCOPE OF CRN REGISTRATION, REPORTS, DRAWINGS, CALCULATIONS

(drawings, calculations, test reports, etc.)

Declared before me at Annemasse in the office of notary

the 5 day of December 2022.

Commissioner for Oaths:

Thierry Andrieu

(Printed name)

(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 \_\_\_\_\_.

CRN: \_\_\_\_\_

Registered by: \_\_\_\_\_

Dated: \_\_\_\_\_

Technical Standards and Safety Authority  
Boilers and Pressure Vessels Safety Program

**REGISTERED**

C.R.N.: 0C15761.5R3

Signed: Ruey

Date: February 21, 2023.

**NOTE: This registration expires on: Feb 22, 2033**

\*Information provided in this application is releasable under the Freedom of Information and Privacy Protection Act and may be disclosed upon request.

**PARKER HANNIFIN  
MANUFACTURING FRANCE**

1, rue Andre et Yvonne Meynier,  
Parc Alcyone Bat D  
35069 Rennes Cedex (France)



23-Nov-22

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**SCOPE OF CRN REGISTRATION**

Pipe Sizes:	1/2" (16.5mm), 1" (25mm), 1-1/2" (40mm), 2" (50mm), 2-1/2" (63mm)				
Product Description	Design Code	Valve Body Material	CRN MAWP at MAWT (Note 1,2,3)	MDMT	Design Report No.
Transair Modular Pipe System	ASME B31.3, ASME B31.1	Nylon (See Note 4), Aluminum (See Note 5), Brass (See Note 6)	145 psig at 140°F / 10 barg at 60°C	-4°F / -20°C	R-1812B Rev. 0
Description		Part No.			
		Size 1/2" (16.5mm)		Size 1" (25mm)	
Safety Lockable Double Female Ball Valve		4092 17 00		4092 25 00	
		Size 2" (50mm)		Size 2-1/2" (63mm)	
		4092 50 00		4092 63 00	
		Part No.			
Description		Size 1/2" (16.5mm) x Size 1/2" (16.5mm)		Size 1" (25mm) x Size 1/2" (16.5mm)	
		1 Port 45 Wall Bracket with Ball Valve - Threaded NPT Port		6679 25 22	
Description		Part No.			
		Size 1/2" (16.5mm) x Size 1/2" (16.5mm)		Size 1" (25mm) x Size 1/2" (16.5mm)	
2 Port 45 Wall Bracket with Ball Valve - Threaded NPT Port		6694 17 22		6697 25 22	
Description		Part No.			
		Size 1" (25mm) x Size 1/2" (16.5mm)			
3 Port Wall Bracket with Ball Valve - Threaded NPT Port		6638 25 22			

**Notes:**

1) MAWP = Maximum Allowable Working Pressure, MAWT = Maximum Allowable Working Temperature, MDMT = Minimum Design Metal Temperature.

2) The pressure-temperature ratings shown are the maximum CRN pressure-temperature ratings. In all cases the MAWP or MAWT may be limited by other considerations. Please consult Parker literature.

**PARKER HANNIFIN  
MANUFACTURING FRANCE**

1, rue Andre et Yvonne Meynier,  
Parc Alcione Bat D  
35069 Rennes Cedex (France)



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**SCOPE OF CRN REGISTRATION**

**Notes Continued:**

**3)** The CRN pressure-temperature ratings are valid when the Parker fittings are installed on Aluminum UNS A96063 with the following nominal wall thickness:

16.5mm OD x 1.70mm wall
25mm OD x 1.50mm wall
40mm OD x 1.50mm wall
50mm OD x 1.70mm wall
63mm OD x 2.00mm wall

**4)** Nylon = Nylon 66 GF30% equal to PA66 30% GF as stated in Parker Standard BES 9301

**5)** Aluminum = Aluminum Alloy Group AISi9Cu Numerical EN AC-46500 Chemical Symbols EN AC-AI Si9Cu3(Fe)(Zn) in accordance with EN 1706

**6)** Brass = Brass CW614N CuZn39Pb3 in accordance with EN 12164

**7)** See Attached List of Manufacturing locations applicable to this CRN.



## **WORLDWIDE LOCATIONS APPENDIX**

### **PARKER HANNIFIN MANUFACTURING FRANCE SAS MANUFACTURING LOCATIONS & CERTIFYING AUTHORITIES**

THIS IS PART OF CRN  
0C15761.5R3  
Technical Standards and Safety Authority  
Boilers and Pressure Vessels Safety  
Program

(rev. May, 2022)

**PARKER HANNIFIN MFG FRANCE SAS**  
LOW PRESSURE CONNECTORS DIVISION EUROPE  
PARC ALCYONE - BATIMENT D  
1 RUE ANDRE ET YVONNE MEYNIER  
RENNES  
FRANCE  
35069  
**ISO 9001 Certified by AFNOR**

**PARKER HANNIFIN MFG FRANCE SAS**  
LOW PRESSURE CONNECTORS DIVISION EUROPE  
ROUTE DE QUESTEMBERT  
BEL AIR  
MUZILLAC  
FRANCE  
56190  
**ISO 9001 Certified by AFNOR**

**PARKER HANNIFIN MFG FRANCE SAS**  
LOW PRESSURE CONNECTORS DIVISION EUROPE  
LA CROIX DES 5 CHEMINS  
BAILLE  
FRANCE  
35460  
**ISO 9001 Certified by AFNOR**

**PARKER HANNIFIN MFG FRANCE SAS**  
LOW PRESSURE CONNECTORS DIVISION EUROPE  
SAINT-MARCEL  
MALESTROIT  
FRANCE  
56140  
**ISO 9001 Certified by AFNOR**