

**REGISTRATION OF A PRESSURE FITTING DESIGN**

27-Mar-23

TSSA  
345 Carlingview Drive  
Toronto, Ontario  
M9W 6N9**Attention: Tanya Francis****File Number: 13557 [ 0 F]****Re: Manufacturer: Parker Hannifin Manufacturing France SAS**  
**Item: Transair Modular Pipe System Aluminum Pipe**  
**Catalog or Drawing: Scope of Registration (09-Oct-22) & Design Reports R-1793 Rev. 0**

TSASK Codes and Standards Compliance has registered the design listed above in accordance with The Boiler and Pressure Vessel Act and Regulations and CSA B51. The Canadian Registration Number (CRN) is:

**0H15761.53                      Expiry Date: February 22, 2033**

Please note that every fitting shall be constructed in strict accordance with the registered design.

Fitting registrations are required to be resubmitted for validation after ten (10) years from the registration date in accordance with CSA B51, Clause 4.2.1.

Should you require anything further, please do not hesitate to contact the Codes and Standards Compliance Office at your convenience.

Yours truly,

Athan Syrgiannis, P.Eng.  
Codes and Standards Compliance**Remarks:**

A valid quality control program must be maintained at the production facilities for the fitting registration to remain valid until the expiry date.

See Worldwide Locations Appendix (rev. May, 2022) for list of manufacturing locations.



**Statutory Declaration (Registration of Fittings)**

**TSK-1008**

**I. Declaration Information**

I, Olivier Nadou  
General 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: Parker Hannifin Manufacturing France SAS  
(name of manufacturer)

located at: 1 Rue Andre et Yvonne Meynier, Rennes, France, 35069  
(Plant Address – Apt/Street) (City, Prov) (Postal Code)

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



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 B31.3, 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: 2015 AFNOR 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 H - TRANSAIR MODULAR PIPE SYSTEM

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 Annemasse in the Office of notary  
this 5 day of December, 2022  
Thierry ANDRIER (print name) (Signature)  
(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 \_\_\_\_\_



**Technical  
Safety Authority  
of Saskatchewan**

Registration No. 0H15761.53

File No. 13557

Registered

Date: March 27, 2023

Expiry Date: February 22, 2033

Codes & Standards Compliance Office

(Date Registered – MM DD YYYY)  
(For the Administrator / Chief Inspector)

(Expiry Date – MM DD YYYY)

**PARKER HANNIFIN  
MANUFACTURING FRANCE**

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



Registration No.	0H15761.53
File No.	13557
Registered	
Date:	March 27, 2023
Expiry Date:	February 22, 2033
Codes & Standards Compliance Office	

09-Oct-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	Pipe Material	CRN MAWP at MAWT (Note 1,2,3)		MDMT	Design Report No.
Transair Modular Pipe System	ASME B31.3, ASME B31.1	Aluminum ASTM B241 Grade 6063 UNS A96063-T5 Welded (Note 4)	Size 1/2" (16.5mm): 203 psig at 140°F / 14 barg at 60°C Size 1" (25mm): 145 psig at 140°F / 10 barg at 60°C Size 1-1/2" (40mm): 145 psig at 140°F / 10 barg at 60°C Size 2" (50mm): 200 psig at 140°F / 13.8 barg at 60°C Size 2-1/2" (63mm): 150 psig at 140°F / 10.3 barg at 60°C		-4°F / -20°C	R-1793 Rev. 0
Description		Part No.				
		Size 1/2" (16.5mm)		Size 1" (25mm)	Size 1-1/2" (40mm)	
Blue Pipe		1012A17 04 00		1012A25 04 00		1012A40 04 00
		1014A17 04		1016A25 04 00		1016A40 04 00
		Size 2" (50mm)		Size 2-1/2" (63mm)		
		1013A50 04		1013A63 04		
		1016A50 04		1016A63 04		
Description		Part No.				
		Size 1/2" (16.5mm)		Size 1" (25mm)	Size 1-1/2" (40mm)	
Grey Pipe		1012A17 06 00		1016A25 06 00		1016A40 06 00
		Size 2" (50mm)		Size 2-1/2" (63mm)		
		1016A50 06		1016A63 06		
Description		Part No.				
		Size 1/2" (16.5mm)		Size 1" (25mm)	Size 1-1/2" (40mm)	
Green Pipe		1014A17 02		1016A25 02 00		1016A40 02 00
		Size 2" (50mm)		Size 2-1/2" (63mm)		
		1016A50 02		1016A63 02		

**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 Alcyone Bat D  
35069 Rennes Cedex (France)



09-Oct-22

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**SCOPE OF CRN REGISTRATION CONTINUED**

**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) Other Tempers and Grades of ASTM B241 Grade 6063 UNS A96063 aluminum may be used that have a ASME B31.3 or ASME B31.1 published allowable stress that is equal to or larger than Aluminum ASTM B241 Grade 6063 UNS A96063-T5 Welded.

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

6) In addition, in accordance with CSA B51 paragraph 4.2.5 Parker Hannifin Manufacturing France is taking responsibility for the product covered under this CRN that is manufactured at:

**Aluminio de Baja California S.A. de C.V.**

Calle Monferrato 6701, San Antonio de los Buenos, C.P. 22563,  
Tijuana, Baja California, Mexico

**Aluminium France Extrusion**

Route du Tonnerre – BP 65  
89600 Saint-Florentin, France



## WORLDWIDE LOCATIONS APPENDIX

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

(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**

	<b>Technical Safety Authority of Saskatchewan</b>
Registration No.	0H15761.53
File No.	13557
	<input type="button" value="Registered"/>
Date:	March 27, 2023
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<a href="#">Codes &amp; Standards Compliance Office</a>	