

REGISTRATION OF A PRESSURE FITTING DESIGN

27-Mar-23

TSSA
345 Carlingview Drive
Toronto, Ontario
M9W 6N9**Attention: Tanya Francis****File Number: 13556 [0 F]****Re: Manufacturer: Parker Hannifin Manufacturing France SAS**
Item: Transair Modular Pipe System Ball Valves
Catalog or Drawing: Scope of Registration (23-Nov-22) & Design Reports R-1812B 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:

0C15761.53 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)

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



located at: 1 Rue Andre et Yvonne Meynier, Rennes, France, 35069
(Plant Address – Apt/Street) (City, Prov) (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 B31.3, 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 C - TRANSAIR MODULAR PIPE 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 Annemasse 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. 0C15761.53

File No. 13556

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.	0C15761.53
File No.	13556
<div>Registered</div>	
Date:	March 27, 2023
Expiry Date:	February 22, 2033
Codes & Standards Compliance Office	

23-Nov-22

Page 1 of 2

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)	Size 1-1/2" (40mm)		
Safety Lockable Double Female Ball Valve		4092 17 00	4092 25 00	4092 40 00		
		Size 2" (50mm)	Size 2-1/2" (63mm)			
		4092 50 00	4092 63 00			
Description		Part No.				
		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 17 22	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 Alcyone Bat D
35069 Rennes Cedex (France)



23-Nov-22

Page 2 of 2

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 AlSi9Cu Numerical EN AC-46500 Chemical Symbols EN AC-Al 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

(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