

REGISTRATION OF A PRESSURE FITTING DESIGN

08-Dec-22

TSSA
345 Carlingview Drive
Toronto, Ontario
M9W 6N9

Attention: Cecylia Garbacz

File Number: 13383 [0 F]

Re: Manufacturer: Parker Hannifin Manufacturing France
Item: Transair Modular Pipe System
Catalog or Drawing: Scope of Registration (04-May-22) & Design Reports R-1679A/B 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:

0A15761.53 Expiry Date: September 14, 2032

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, Materials of construction, pressure / temperature ratings and identification marking of the fittings, or
(title of recognized North American Standard)
- 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 A - 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 _____ In the _____ of _____
this _____ day of _____

(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 _____

(Registration Number) Je soussigné Maître Thierry ANDRIER (Date Registered - MM DD YYYY) (Expiry Date - MM DD YYYY)
Notaire à ANNEMASSE (Haute Savoie) (For the Administrator / Chief Inspector)

CERTIFIE ET ATTESTE
que la signature apposée ci - dessus,
émane bien de M^r NADOU Olivier



À Annemasse,
Le 31-05-2022

**PARKER HANNIFIN
MANUFACTURING FRANCE**

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



Technical Safety Authority of Saskatchewan
 Registration No. 0A15761.53
 File No. 13383
 Registered
 Date: December 8, 2022
 Expiry Date: September 14, 2032
 Codes & Standards Compliance Office

04-May-22

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SCOPE OF CRN REGISTRATION

Fitting Sizes: 1/2" (16.5mm), 1" (25mm), 1-1/2" (40mm)					
Product Description	Design Code	Fitting 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 66 GF30% equal to PA66 30% GF	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	-4°F / -20°C	R-1679A Rev. 0
Description		Part No.			
		Size 1/2" (16.5mm)	Size 1" (25mm)	Size 1-1/2" (40mm)	
Pipe to Pipe Connector		6606 17 00	6606 25 00	6606 40 00	
Elbow		6602 17 00	6602 25 00	6602 40 00	
45° Elbow			6612 25 00	6612 40 00	
Equal Tee		6604 17 00	6604 25 00	6604 40 00	
Plug-in Reducer			6666 17 25		
End Cap		6625 17 00	6625 25 00	6625 40 00	
Male Stud Fitting		6605 17 13	6605 25 21	6605 40 34	
Male Adapter		6621 17 21	6621 25 21	6621 40 42	
1 Port Wall Bracket		6639 17 21	6639 25 21		
Manifold			6651 25 12 04	6651 40 12 04	
Direct Feed Bracket			RA65 25 04	RA65 40 04	
Plug-in Reducer			6666 25 40		

Fitting Sizes: 2" (50mm), 2-1/2" (63mm)					
Product Description	Design Code	Fitting Body Material	CRN MAWP at MAWT (Note 1,2,3)	MDMT	Design Report No.
Transair Modular Pipe System	ASME B31.3, ASME B31.1	Aluminum Alloy (See Note 4)	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-1679B Rev. 0
Description		Part No.			
		Size 2" (50mm)	Size 2-1/2" (63mm)		
Pipe to Pipe Connector		6606 50 00	6606 63 00		
Elbow		6602 50 00	6602 63 00		
45° Elbow		6612 50 00			
Equal Tee		6604 50 00	6604 63 00		
Inequal Tee		6604 50 40	6604 63 40		
Plug-in Reducer		6666 50 63	6666 40 63		
End Cap		6625 50 00	6625 63 00		

**PARKER HANNIFIN
MANUFACTURING FRANCE**
1,rue Andre et Yvonne Meynier,
Parc Alcyone Bat D
35069 Rennes Cedex (France)



**Technical
Safety Authority
of Saskatchewan**

Registration No. 0A15761.53

File No. 13383

Registered

Date: December 8, 2022

Expiry Date: September 14, 2032

Codes & Standards Compliance Office

04-May-22

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SCOPE OF CRN REGISTRATION CONTINUED

Description	Part No.	
	Size 2" (50mm)	Size 2-1/2" (63mm)
Male Stud Fitting	6605 50 48	6605 63 48
Male Stud Elbow Fitting	6609 50 49	
Male Stud 45° Elbow Fitting	6619 50 49	
Male Stud Fitting	6615 50 49	
Quick Assembly Brackets	RA65 50 04	
Quick Assembly Brackets	6661 50 27	6661 63 21

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.
- 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) Fitting Body: Aluminum Alloy Group AISi9Cu Numerical EN AC-46500 Chemical Symbols EN AC-Al Si9Cu3(Fe)(Zn) in accordance with EN 1706.
- 5) 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

	Technical Safety Authority of Saskatchewan
Registration No.	0A15761.53
File No.	13383
	<input type="button" value="Registered"/>
Date:	December 8, 2022
Expiry Date:	September 14, 2032
Codes & Standards Compliance Office	