

Montréal, 5 décembre 2022.

MADAME CECYLIA GARBACZ
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO ONTARIO
CANADA M9W 6N9

Fabricant : PARKER HANNIFIN MFG FRANCE SAS
1 ANDRE ET YVONNE MEYNIER
PARC ALCYONE BAT D RENNES CEDEX
FRANCE FR-35069

Numéro de dossier : 946848
Numéro(s) de dessin(s) : AS PER SCOPE OF CRN REGISTRATION
[R-1679 A Rev 0 4 may 22]

Objet : Enregistrement des plans et devis – Confirmation de l'enregistrement

Bonjour,

Nous vous informons que votre demande d'enregistrement de plans et devis a été traitée et que cette conception a été enregistrée sous le numéro d'enregistrement canadien (NEC\CRN) suivant : **0A15761.56**.

Nous portons votre attention sur certaines exigences réglementaires concernant les installations sous pression, ainsi que des codes et normes qui y sont associés :

- Le fabricant doit maintenir un programme de contrôle de la qualité valide pour fabriquer un équipement selon ce NEC;
- Ce numéro d'enregistrement demeure valide tant et aussi longtemps que les paramètres de conception demeurent inchangés. Dans le cas d'accessoires, l'enregistrement est valide pour une durée de 10 ans à partir de la date d'enregistrement. Les documents de conception doivent alors être resoumis pour validation;
- Le fabricant doit nous transmettre une copie de la *Déclaration de conformité du constructeur (Manufacturer's Data Report)* pour chaque appareil ou chaudière fabriqué selon ce NEC dans les 30 jours suivant la signature de cette déclaration;
- Le numéro de dessin enregistré et le numéro de révision doivent être indiqués sur la déclaration de conformité pour les équipements fabriqués selon ce NEC.

Le présent avis d'approbation ne dégage pas le fabricant de ses responsabilités quant à la conception ou à la construction des équipements ou d'accessoires fabriqués selon un NEC.

Bureau d'expertise et d'homologation en équipements sous pression

Montréal, le 5 décembre 2022.

MRS. CECYLIA GARBACZ
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO ONTARIO
CANADA M9W 6N9

Manufacturer : PARKER HANNIFIN MFG FRANCE SAS
1 ANDRE ET YVONNE MEYNIER
PARC ALCYONE BAT D RENNES CEDEX
FRANCE FR-35069

OUR REFERENCE : 946848
Design number : AS PER SCOPE OF CRN REGISTRATION
[R-1679 A Rev 0 4 may 22]

Subject: Design registration confirmation

Hi,

We wish to inform you that your design registration application has been evaluated and that it was registered under the following Canadian Registration Number (CRN): **0A15761.56.**

The following is a reminder of your obligations regarding certain requirements of the regulation respecting pressure vessels, and the referenced codes and standards:

- The manufacturer must maintain a valid quality control program to manufacture equipment according to the CRN.
- The CRN remains valid as long as there are no changes to the design calculations that might affect the pressure boundary. The design registration of fittings expires 10 years after acceptance. It must, therefore, be resubmitted for validation.
- The manufacturer shall submit a copy of the *Manufacturer's Data Report* to us for each equipment manufactured according to this CRN within 30 days following the signing of this report.
- The drawing number and the revision number registered under this CRN must be indicated on the *Manufacturer's Data Report* for equipment manufactured according to the CRN.

This notice of approval does not relieve the manufacturer of their responsibilities with respect to the design or fabrication of equipment manufactured according to this CRN.

Yours sincerely,

Bureau d'expertise et d'homologation en équipements sous pression

Montréal

545, boul. Crémazie Est, 7ième étage
Montréal (Québec) H2M 2V2
Téléphone : 514 873-6459
Sans frais : 1 866 262-2084
www.rbq.gouv.qc.ca

Statutory Declaration Registration of Fittings

Building Act (B-1.1)
Regulation respecting pressure vessels (B-1.1, r. 6.1)
Boiler, pressure vessel, and pressure piping code (CSA B51)

This declaration must be filled out and sent to the Régie du bâtiment du Québec (RBQ) by pressure fitting manufacturers when they make an application registration for fittings.

For more information on the application registration for fittings, consult the www.rbq.gouv.qc.ca/fittings-pv.

1. Fittings to register

List the fittings included in this declaration and that you wish to register.

N°	Description	Additional information (detail, calculations or approval sheets)
1	TRANSAIR MODULAR PIPE SYSTEM	
2	SCOPE OF CRN, REPORTS	
3	DRAWINGS	
4	CALCULATIONS	
5	COMPANY LOGO - SEE RIGHT	

2. Declaration of the person in charge

The person in charge is someone in a position of authority, such as a vice-president, a plant manager or a chief engineer.

2.1 Design

I, the undersigned, Olivier Nadou General Manager
(Name of the person in charge) (Title of the person in charge)
 from Parker Hannifin Manufacturing France SAS, located at 1 Rue Andre et Yvonne Meynier, Rennes, France, 35069
(Company's name) (Plant's address)

hereby declare that the above-mentioned fittings and subject to the Regulation respecting pressure installations:

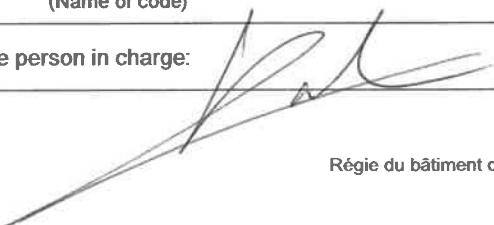
☒ comply with the requirements of the ANSI/ASME codes as to their dimensions, identification, material and purpose or ASME B31.3, B31.1

☐ are not covered by the ANSI/ASME codes, but are in compliance with _____
(Name of code or standard)

code or standard and are designed according to the best current engineering practice, as proven by the enclosed approval report.

2.2 Manufacturing quality control

I further declare that the manufacture of these fittings is controlled by a quality control program that complies with the requirements of the following code: ISO 9001:2015, and has been verified by AFNOR.
(Name of code) (Authorized agency)

Signature of the person in charge:  Date (yyyy-mm-dd): 2021-05-11
(Name of person in charge) (Date)

Notaire à ANNEMASSE (Haute-Savoie)
 CERTIFIÉ ET ATTESTÉ
 que la signature apposée
 émane bien de M. Thierry ANDRIER



3. Declaration of commissioner for oaths

I certify that this declaration has been administered before me, at _____, on _____.	
(Location)	(Date (yyyy-mm-dd)):
Signature of commissioner for oaths:	Date (yyyy-mm-dd):
Stamp the seal:	
Parker Hannifin Manufacturing France SAS Z.I du Mont-Blanc - 17, rue des Buchillons CS 80524 - Ville-la-Grand 74112 Annemasse Cedex Téléphone 04 50 87 80 80 Télécopie 04 50 37 86 85	

4. Registration confirmation (for RBQ's use only)

As far as I know, this application complies with the requirements of the Act and with standard CSA B51, Part 1, section 4.2, and is accepted for registration in the class _____.	
This registration expires in ten (10) years after the date of registration indicated above, and it must be validated again after this period.	
Canadian registration number (CRN):	Registration date (yyyy-mm-dd):
	

Documents to attach

Any application registration for fittings must include these documents:

- Statutory Declaration Registration of Fittings (2 copies)
- Detailed calculations or burst test report (1 copy)
- Detailed technical drawings or catalogues (2 copies)
- Example of the manufacturer's marking (1 copy)
- Proof that a valid and approved quality control program has been implemented (1 copy)
- Form Application for design registration (1 copy)

Sending the form

This declaration is necessary to submit an application for design registration. Design registration applications must be sent by email only to enregistrementdesplans@rbq.gouv.qc.ca.

Documents must be in PDF format and in separate files.

**PARKER HANNIFIN
MANUFACTURING FRANCE**

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



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)



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-AI 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