

Montréal, 14 avril 2023.

MADAME TANYA FRANCIS
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO ONTARIO
CANADA M9W6N9

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

Numéro de dossier : 946258

Numéro(s) de dessin(s) : R-1793 rev 0 09 oct 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 : **0H15761.56**.

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

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

Montréal, le 14 avril 2023.

MRS. TANYA FRANCIS
TECHNICAL STANDARDS & SAFETY AUTHORITY
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Manufacturer : PARKER HANNIFIN MFG FRANCE SAS
1 ANDRE ET YVONNE MEYNIER
PARC ALCYONE BAT D RENNES CEDEX
FRANCE FR-35069

OUR REFERENCE : 946258
Design number : R-1793 rev 0 09 oct 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): **0H15761.56.**

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
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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 1 Rue Andre et Yvonne Meynier, Rennes, France, 35069
(Company's name) (Plant's address)
located at France SAS,
(Company's name)

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): 05-12-2022

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:

Je soussigné Maître Thierry ANDRIER
Notaire à ANNEMASSE (Haute-Savoie)
CERTIFIE ET ATTESTE
que la signature apposée sur la page 1
émane bien de M. Olivier NADOU

À Annemasse,
Le 05-12-2022



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)



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 QUESTEMBERG
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