



Technical Standards and Safety Authority  
345 Carlingview Drive  
Toronto, Ontario M9W 6N9  
www.tssa.org

Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below




## STATUTORY DECLARATION Registration of Fittings

I, Chantal BECKENSTEINER, General Manager  
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Parker Hannifin Manufacturing France SAS  
(Name of Manufacturer)

Located at 74 A Rue de Paris - CS 46911 - 35069 RENNES Cedex - FRANCE +33 2 99 25 55 00 + 33 2 99 25 56 95  
(Plant Address) (Telephone No.) (Fax No.)

do solemnly declare that the fittings listed hereunder, which are subject to the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, comply with all of the requirements of ASME B31.1 non boiler external piping & ASME B 31.3  
(Title of recognized North American Standard)  
which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;

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, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001 which has been verified by the following authority, AFAQ

The items covered by this declaration, for which I seek registration, are category B type fittings. In support of this application, the following information and/or test data are attached as follows:  
calculations, test reports, catalogue  
(drawings, calculations, test reports, etc.)

Declared before me at RENNES (FRANCE) of \_\_\_\_\_

the 18 day of OCTOBER AD 2016

Commissioner for Oaths:  
M<sup>e</sup> LATRILLE  
(Printed name)  
  
(Signature)

  
(Signature of Declarer)

### FOR OFFICE USE ONLY

To the best of my knowledge and belief, the application meets the requirements of the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category H

CRN: CSA-0H10845.56R3

Registered by: A. BANWATT

Dated: SEPTEMBER 09 2017


NOTE: This registration expires on: JUNE 13, 2027

**REGISTERED**

CRN: CSA-0H10845.56R3

Registration Process administered by  
CSA Group per CSA B51



 Note 1: See attachment as the scope of registration.  
Renewal registration without design change.

SCOPE OF REGISTRATION

Product Description & Catalogue/Brochure/Data-Sheet No.

TRANSAIR & KAESER piping system - Diameter 76 mm (3 inches), 101 mm (inches), 168 mm (6 inches)

Product Model or Series	Description	ASME/ASME Design Standard	Size or Size Range	Std. Pressure class or MAMP or Max Temperature	Actual wall thickness vs. Min required (if no proof test report)	Ref. Calculation to or Proof test report	ASME/ASME Material Specification
TA061104	Pipe	ASME B31.1 (non boiler external piping) and ASME B31.3	76mm / 3"	135 psig / 10 bar 60°C / 140°F	2 mm vs 1.3 mm min. required	See "Transair High Performance" Chapter 4 Calculation wall thickness.	ASME B31.1
TA061104			101mm / 4"		2.3 mm vs 1.7 mm min. required		
TA061304			101mm / 4"		3.5 mm vs 3.3 mm min. required		
TA031804			168mm / 6"				
TA061804			168mm / 6"				

CRN Category A - fittings  
 CRN No. 0A10845-SR3  
 Main Design No. TRANSAIR & KAESER PIPING FITTINGS-016-3-4-5-01845-SR3



**THIS IS PART OF  
 CRN 0A10845-SR3**  
 Technical Standards & Safety Authority  
 Boilers & Pressure Vessels  
 Safety Division

**NOTE:** SEE THE SECOND PAGE - PART OF CRN  
 ARE INCLUDED IN THE CRN,  
 BUT NOT OTHER "TYPE" FITTINGS,  
 SUCH AS "VALVES" UNLESS  
 THEY HAVE VALVED CRN R  
 RATING.

*CSA*  
 155A 2000 13/10

ATTACHMENT TO  
 CRN 0A10845-SR3  
 Signed: *G. B. B. B. B.*  
 178 Headache Boulevard, Toronto, ON Canada M5W 4K3





# TRANSAIR - KAESER PIPING SYSTEM

Tubing 3, 4, 6 inches  
Category : H  
Material : AW-6063  
ASTM B 241

Fitting Clamp 3, 4 inch  
Category : A  
Material : Steel DCO4  
EN 10021

Fitting Clamp 6 inch  
Category : A  
Material : EN AC 42200K T6/ANSI 357 T6  
ASTM B 308/EN 1706

Fitting 3, 4 inch  
Category : A  
Material : EN AC 42200K T6  
EN 10021/UNS S30400/EN  
17-7

Fitting 6 inch  
Category : A  
Material : EN AC 42200K T6  
EN 10021/EN 1706

THIS IS PART OF  
CEN 0110845.5R3

Technical Standards & Safety Authority  
Boilers & Pressure Vessels  
Safety Division

0110845.5R3




ATTACHMENT TO

CEN CSA-0110845.5R3

Signature: *Asghar*

BLACK FITTINGS NOT INCLUDED IN THE ASME  
RENEWAL REQUEST

SCOPE OF REGISTRATION							
Product Description & Catalogue/Brochure/Data-Sheet No							
TRANSAIR & KAESER piping system - Diameter 158 mm (6 inches)							
Product Model Number	Description	ASME ANSI Design Standard	Size or Size Range	Std. Pressure Class (MAWP @ Max. Temperature)	Actual wall thickness vs. Min. required if no pressure tested	Ref. Calculation No. or Product Report	ASME SECTION Material Identification
RA01 LB 00	Pipe to be connected to flange and a flange	ASME B31.1 (non-hollow external piping) and ASME B31.3	158 mm (6)	(74.26 @ 200°C / 160°F)	N/A	Roughness Report Maximal internal fracture test	ASME SECTION SA-213
RA02 LB 00	90° Elbow						
RA12 LB 00	45° Elbow						
RA04 LB 00	Equal Tee						
RA04 LB 50	Reducing Tee						
RA04 LB 11							
RA04 LB 13							
RA60 LB 11	Plug in nozzle						
RA60 LB 13							


3 OF 5


ATTACHMENT TO  
 I.D. N. CSA-0H10845-56R-3  
 Signed: CSA Group  
 178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

THIS IS PART OF  
 ORN 2016-0000000  
 Certified to comply with the requirements of  
 Boilers & Pressure Vessels  
 Safety Program

SCOPE OF REGISTRATION

Product Description & Catalogue/Brochure/Data-Sheet No  
 TRANSAIR & KAESER piping system - Diameter 101 mm (4 inches)

Product Code (or Series)	Description	ASME Code/Design Standards	Size or Size Range	girth Pressure Class or MAWP / at Max Temperature	Actual Wall Thickness (or Min required thickness/weight)	Weld Condition (or Heat Treat)	ASME ACTIVITY Material (see definition)	
PK01-L3	Flange to pipe connector, Lump and Laminated						EN 10002 ASTM A672	
PK02-L3-00	90° Elbow							
PK12-L3-00	45° Elbow							
PK04-L3-X	Square Tee	ASME B31.1 B31.3 B31.4 B31.5 B31.6 B31.7 B31.8 B31.9 B31.10 B31.11 B31.12 B31.13 B31.14 B31.15 B31.16 B31.17 B31.18 B31.19 B31.20 B31.21 B31.22 B31.23 B31.24 B31.25 B31.26 B31.27 B31.28 B31.29 B31.30 B31.31 B31.32 B31.33 B31.34 B31.35 B31.36 B31.37 B31.38 B31.39 B31.40 B31.41 B31.42 B31.43 B31.44 B31.45 B31.46 B31.47 B31.48 B31.49 B31.50 B31.51 B31.52 B31.53 B31.54 B31.55 B31.56 B31.57 B31.58 B31.59 B31.60 B31.61 B31.62 B31.63 B31.64 B31.65 B31.66 B31.67 B31.68 B31.69 B31.70 B31.71 B31.72 B31.73 B31.74 B31.75 B31.76 B31.77 B31.78 B31.79 B31.80 B31.81 B31.82 B31.83 B31.84 B31.85 B31.86 B31.87 B31.88 B31.89 B31.90 B31.91 B31.92 B31.93 B31.94 B31.95 B31.96 B31.97 B31.98 B31.99 B31.100						
PK24-L3-00	Reducing Tee							
PK24-L3-53	Reducing Tee							
PK04-L3-L1	Reducing Tee							
PK25-L3-04	Threaded Tee							
PK04-L3-53	Plug in reducer							
PK06-L3-L1	Plug in reducer							


**CSA Group**

40CF5

ATTACHMENT TO  
 CRN CSA-071084C.56R3  
 Signed CSA/SECRET  
 171 Rensselaer Boulevard, Toronto, ON M5S 1R6

THIS IS PART OF  
 ORIGINAL  
 FILE NO. 40CF5  
 2014



SCOPE OF REGISTRATION							
Product Description & Catalogue/Brochure/Data-Sheet No.							
TRANSAR & KAESER piping system - Diameter 75 mm (3 inches)							
Product Model or Series	Description	ASME/ANS Design Standard	Service Range	Design Pressure (kPa) / MWP @ Max Temperature	Actual wall thickness (mm) / Min required (mm) (as per test report)	Test Certification No. or Report Reference	ASME/ASNT Material Specification
RK0101-70	Flange and gasket						EN 10201 / EN 10202
RK0211-20	90° Elbow	ASME B31.1 (Power Piping) and ASME B31.2 (Process Piping)	Normal	17.24 MPa (2475 PSI)	N/A	Test Report Reference No.	EN 10201 / EN 10202
RK1211-20	45° Elbow						
RK0411-00	Equal Tee						
RK2411-40	Reducing Tee						
RK2111-00	Threaded Tee						
RK0411-01	Plug-in Tee						EN 10201 / EN 10202


TOFT

ATTACHMENT TO  
 C.R.N. CSA-0710345-56R3  
 Signed: [Signature]  
 178 Rexdale Boulevard, Toronto, Ontario, M9W 1T6

THIS IS PART OF  
 C.R.N. 0710345-56R3  
 Issued by: [Signature]  
 Category: [Signature]  
 Date: [Signature]