



**STATUTORY DECLARATION
Registration of Fittings**

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



I, Kevin Ballard,

Core Engineering Manager

(company title, e.g. vice president, plant manager, chief engineer) (must be in a position of authority)

of Parker Hannifin, IPDE

(name of manufacturer)

located at Riverside Road, Barnstaple, Devon, EX31 1NP

(plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (check one)

- ☐ comply with the requirements of _____ 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 ASME II, VIII, ANSI B16.5 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 manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, DNV Management Systems as being suitable for the manufacture of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are See attached drawing

In support of this application, the following information, calculations and/or test data are attached:

Catalog 4190-FP-ACC

FCB CRN Report (Sheets 1 & 2)

N.B: CRN OA6793.5 also exists with respect to a portion of this design

DECLARED before me at Barnstaple in the County of Devon

this 20th day of April, 2011

(Month)

(Year)

(print) KEVIN BALLARD

(sign) Michael T. Outh

(A Commissioner for Oaths)

K Ballard

(Signature of Applicant)

Noting P. G. MICHAEL THOMAS OERTON

For Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Clause 4.2, and is accepted for registration in Category A

Registration Number: 0 B11767.2

WILLAGRYNCHUK

Date Registered: OCT 13 2011

(For the Administrator/Chief Inspector of Alberta)

Expiry Date: 2010-10-13

The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Boiler Discipline.

THE FITTINGS are registered to ASME B31.3.
See the acceptance letter and the scope of registration attached.
d.m.

1/4" CWP (PSI) @					
Flange Rating			3/8" CWP (PSI) @		
Class	100°F	Max Temp (1000°F)	100°F	Max Temp (1000°F)	Max Temp (1000°F)
2500	6000	2915	10300	7931	6600
1500	3600	1750	10300	7931	6600
900	2160	1050	10300	7931	6600
600	1440	700	10300	7931	6600
300	720	350	10300	7931	6600
150	275	20	10300	7931	6600

1/2" CWP (PSI) @					
Flange Rating			3/4" CWP (PSI) @		
Class	100°F	Max Temp (1000°F)	100°F	Max Temp (1000°F)	Max Temp (1000°F)
2500	6000	2915	6700	5159	5800
1500	3600	1750	6700	5159	5800
900	2160	1050	6700	5159	5800
600	1440	700	6700	5159	5800
300	720	350	6700	5159	5800
150	275	20	6700	5159	5800

1" CWP (PSI) @			
Flange Rating		A-LOK Rating	
Class	100°F	Max Temp (1000°F)	Max Temp (1000°F)
2500	X	X	X
1500	3600	1750	4700
900	2160	1050	4700
600	1440	700	4700
300	720	350	4700
150	275	20	4700

X = Products no to be submitted

Minimum Design Metal Temperature: -425°F

-325°F

OB 11767.2

FOR MATERIAL AND PROCESS SPECIFICATIONS REFER TO GENERIC PROCESS CONTROL SHEET		ALL DIMENSIONS IN UNLESS OTHERWISE STATED		REMOVE ALL SHARP EDGES AND BURRS	
THIS DRAWING CONTAINS INFORMATION THAT IS CONFIDENTIAL AND PROPRIETARY TO PARKER HANFORD INC. THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSES SPECIFIED HEREIN. IT IS NOT TO BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PARKER HANFORD INC. IT WILL NOT BE USED TO THE DETRIMENT OF PARKER HANFORD INC. AND WILL BE RETURNED UPON REQUEST BY PARKER HANFORD INC.		DRAWING TITLE: FLANGE TO COMPRESSION CONNECTOR FLANGE HUB WALL THICKNESS CALCULATIONS		INCH (0.001" ± 0.001") (0.001" ± 0.001")	
ISSUE NO. 1	DESCRIPTION OF REVISION New Release	DRAWN BY: ZN		METRIC (0.001" ± 0.001") (0.001" ± 0.001")	
E.C.N. NO. N/A	DATE 13/04/2011	CHECKED BY: 22/06/2011		ANGULAR ± 1/2° ± 1/2°	
PARKER HANFORD LTD Instruments Division Europe Riverside Road Barnsley S70 2BA EX31 1NP 144 (0) 271 313131		GENERAL WGT FINISH 63µm CLK/1.6µm RA GEOMETRICAL TOL'S TO BS 308 PART 2 ALL THREAD TOLERANCES ARE TO BE IN ACCORDANCE WITH PARKER IPD ESST01.		UNLESS STATED 3rd ANGLE PROJECTION	
PART SIMILAR TO		DO NOT SCALE		IF IN DOUBT ASK	

Material - Alloy 400

SB 564 N° 4400

1/4" CWP (PSI) @				3/8" CWP (PSI) @			
Flange Rating		A-LOK Rating		Flange Rating		A-LOK Rating	
Class	100°F	Max Temp (700°F)	100°F	Max Temp (700°F)	100°F	Max Temp (700°F)	100°F
2500	5000	3960	9800	4214	5000	3960	6100
1500	3000	2375	9800	4214	3000	2375	6100
900	1800	1435	9800	4214	1800	1435	6100
600	1200	950	9800	4214	1200	950	6100
300	900	475	9800	4214	900	475	6100
150	230	110	9800	4214	230	110	6100

1/2" CWP (PSI) @				3/4" CWP (PSI) @			
Flange Rating		A-LOK Rating		Flange Rating		A-LOK Rating	
Class	100°F	Max Temp (700°F)	100°F	Max Temp (700°F)	100°F	Max Temp (700°F)	100°F
2500	5000	3960	6200	2666	5000	3960	5400
1500	3000	2375	6200	2666	3000	2375	5400
900	1800	1435	6200	2666	1800	1435	5400
600	1200	950	6200	2666	1200	950	5400
300	900	475	6200	2666	900	475	5400
150	230	110	6200	2666	230	110	5400

1" CWP (PSI) @			
Flange Rating		A-LOK Rating	
Class	100°F	Max Temp (700°F)	100°F
2500	5000	3960	4300
1500	3000	2375	4300
900	1800	1435	4300
600	1200	950	4300
300	900	475	4300
150	230	110	4300

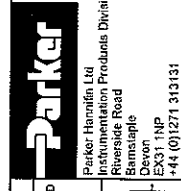
X = Products no to be submitted

0 B 1 1 7 6 7 . 2

*** = Max working temperature rated in standard class is 900° F. Ref Page 66 ASME B16.34 1996

Minimum Design Metal Temperature: - 325 °F

FOR MATERIAL AND PROCESS SPECIFICATIONS REFER TO GENERIC PROCESS CONTROL SHEET		ALL DIMENSIONS IN UNLESS OTHERWISE STATED		REMOVE ALL SHARP EDGES AND BURRS	
FOR PART MARKING DETAILS REFER TO PART MARKING SPECIFICATION		DRAWING TITLE:		UNLESS STATED 3rd ANGLE PROJECTION	
THIS DRAWING CONTAINS INFORMATION THAT IS CONFIDENTIAL AND PROPRIETARY TO PARKER HANNIFIN PLC. THIS DRAWING IS FURNISHED ON THE UNDERSTANDING THAT THE DRAWING AND THE INFORMATION IT CONTAINS WILL NOT BE COPIED OR DISCLOSED TO OTHERS EXCEPT WITH THE WRITTEN CONSENT OF PARKER HANNIFIN. WILL NOT BE USED TO THE DETRIMENT OF PARKER HANNIFIN AND WILL BE RETURNED UPON REQUEST BY PARKER HANNIFIN.		FLANGE TO COMPRESSION CONNECTOR FLANGE HUB WALL THICKNESS CALCULATIONS		INCH (100° ± .015°) (1000° ± .005°)	
ISSUE NO.	DESCRIPTION OF REVISION	DRAWN BY:		METRIC (100mm ± .3mm) (100mm ± 0.1mm)	
1	New Release	Z.N.		ANGULAR ± 10° ± 30°	
E.C.N. NO.	N/A	DATE		GENERAL W.C. FINISH 63μm CLA 1.6μm RA GEOMETRICAL TOL'S TO BS.308 PART 3. ALL THREAD TOLERANCES ARE TO BE IN ACCORDANCE WITH PARKER IPD ESST01.	
DATE	13/04/2011	APPROVED BY:		PART SIMILAR TO	
		22/06/2011		DO NOT SCALE	
		Approvals using electronic PDM WORKFLOW (QSP05/25)		IF IN DOUBT ASK	



pg 2 of 3

Material - Alloy 625 SB 564 N°6625

1/4" CWP (PSI) @				3/8" CWP (PSI) @			
Flange Rating		A-LOK Rating		Flange Rating		A-LOK Rating	
Class	100°F	Max Temp (1000°F)	100°F	Max Temp (1000°F)	100°F	Max Temp (1000°F)	100°F
2500	6250	3030	6800	4964	6250	3030	8700
1500	3750	1820	6800	4964	3750	1820	8700
900	2250	1090	6800	4964	2250	1090	8700
600	1500	725	6800	4964	1500	725	8700
300	750	365	6800	4964	750	365	8700
150	290	20	6800	4964	290	20	8700

1/2" CWP (PSI) @				3/4" CWP (PSI) @			
Flange Rating		A-LOK Rating		Flange Rating		A-LOK Rating	
Class	100°F	Max Temp (1000°F)	100°F	Max Temp (1000°F)	100°F	Max Temp (1000°F)	100°F
2500	6250	3030	6800	4964	6250	3030	4400
1500	3750	1820	6800	4964	3750	1820	4400
900	2250	1090	6800	4964	2250	1090	4400
600	1500	725	6800	4964	1500	725	4400
300	750	365	6800	4964	750	365	4400
150	290	20	6800	4964	290	20	4400

Minimum Design Metal Temperature: -20 °F

X = Products no to be submitted

REGISTRATION OF FITTINGS

REGISTRATION NO. 811767.2

DWG. NO. or CAT. NO. George

TYPE OF FITTINGS Compression

DATE OCT 13 2011

INITIALS ML

DESIGN SURVEY ENGINEER

MILLA GRYNCHUK, P.ENG.

FOR MATERIAL AND PROCESS SPECIFICATIONS REFER TO GENRIC PROCESS CONTROL SHEET

FOR PART MARKING DETAILS REFER TO PART MARKING SPECIFICATION

THIS DRAWING CONTAINS INFORMATION THAT IS CONFIDENTIAL AND PROPRIETARY TO PARKER HANNIFIN P.L.C. THIS DRAWING IS FURNISHED ON THE UNDERSTANDING THAT THE DRAWING AND THE INFORMATION IT CONTAINS WILL NOT BE COPIED OR DISCLOSED TO OTHERS EXCEPT WITH THE WRITTEN CONSENT OF PARKER HANNIFIN. WILL NOT BE USED TO THE DETRIMENT OF PARKER HANNIFIN, AND WILL BE RETURNED UPON REQUEST BY PARKER HANNIFIN.

ISSUE NO. 1 DESCRIPTION OF REVISION New Release

E.C.N NO. N/A

DATE 13/04/2011

DRAWN BY: ZN

CHECKED BY: 22/06/2011

APPROVED BY: using electronic PDM WORKFLOW (GSP0029)

ALL DIMENSIONS IN UNLESS OTHERWISE STATED

DRAWING TITLE: **FLANGE TO COMPRESSION CONNECTOR**
FLANGE HUB WALL THICKNESS CALCULATIONS

REMOVE ALL SHARP EDGES AND BURRS

INCH METRIC ANGULAR

UNLESS STATED 3RD ANGLE PROJECTION

GENERAL MIC FINISH 63mic CLA / 1.6mm RA

GEOMETRIC TOL'S TO BS.308 PART 2.

ALL THREAD TOLERANCES ARE TO BE IN ACCORDANCE WITH PARKER IPD ESSTOL.

PART SIMILAR TO

DO NOT SCALE IF IN DOUBT ASK

Parker

Parker Hannifin Ltd

Instrumentation Products Division Europe

Riverside Road

Barnstable

Devon

EX31 1NP

+44 (0)1271 313131

P3 of 3

October 13, 2011

Attention: Susan Turner
PARKER HANNIFIN CANADA IPD
4635 DURHAM RD S
GRIMSBY, ON

The design submission, tracking number 2011-02791, originally received on May 04, 2011 was surveyed and accepted for registration as follows:

CRN : 0B11767.2

Accepted on: October 13, 2011

Reg Type: New Design

Expiry Date: October 13, 2020

Drawing No. : SCOPE OF REGISTRATION 3 PAGES As Noted

Fitting type: FLANGED CONNECTORS, 1/4" THRU 1" ###150 THRU 2500

Design registered in the name of : PARKER HANNIFIN IPDE

The registration is conditional on your compliance with the following notes:

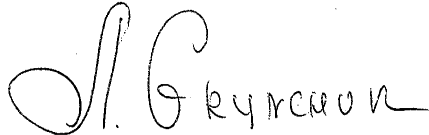
This registration is valid if the A-loks CRN 0A6793.52 that is part of the registration will be renewed after December 3, 2011.

This registration is valid until the indicated expiry date only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date. Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3330 or fax (780) 437-7787 or e-mail grynchuk@absa.ca.

Sincerely,



GRYNCHUK, MILLA



the pressure equipment safety authority

9410 - 20 Ave N.W.
Edmonton, Alberta, Canada T6N 0A4
Tel: (780) 437-9100 / Fax: (780) 437-7787

November 24, 2017

Attention: Susan Turner

PARKER HANNIFIN INSTRUMENTATION CANADA
4635 DURHAM ROAD S
GRIMSBY, ON L3M 4G4

Email: sturner1@parker.com

<NOCOVER>

<TOFAXNUM:1-905-945-2203>

<TONAME:Susan Turner>

The design submission, tracking number 2017-05551, originally received on September 01, 2017 was surveyed and accepted for registration as follows:

CRN : 0H11767.2

Reg Type: NEW DESIGN

Drawing No. : CATALOG 4190-FP-ACC As Noted

Fitting type: FLANGE CONNECTORS WITH CPI/ALOK TUBE FITTINGS

Design registered in the name of : PARKER HANNIFIN IPDE

Accepted on: November 24, 2017

Expiry Date: November 24, 2027

Description rating per tables	MAWP	Design Temperature
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The registration is conditional on your compliance with the following notes:

This acceptance letter of December 21th 2017 supersedes the original acceptance letter issued on November 24, 2017, we have revised the category of the fittings to comply with CSA B51.

CRN covers only Flange Connectors assemblies with CPI/Alok fittings CRN 0A06793.52

As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction are ASME B31.3 and B16.5.

This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form.

This registration is valid only until the indicated expiry date and only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date. Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

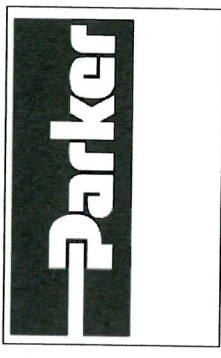
If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3330 or fax (780) 437-7787 or e-mail grynchuk@absa.ca.

Sincerely,

GRYNCHUK, MILLA, P. Eng.

DOP Cert. No. D00005217

STATUTORY DECLARATION Registration of Fittings



I, Marcus Ashford, Engineering Manager
(name of applicant) (position title) (must be in a position of authority)
of Parker Hannifin IPDE

located at Riverside Road, Barnstaple, Devon, UK EX31 1NP with additional manufacturing at
265 Alabama Highway 21 North, Jacksonville, Alabama, USA
(name of manufacturer) (plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (check one)

- ☐ comply with the requirements of _____ which specifies the dimensions, 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 ASME B31.3 and ASME B16.5 as supported by the attached _____ (title of code of construction or other applicable document)
- 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 manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, DNV MANAGEMENT SYSTEMS as being suitable for the manufacture of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are

CATALOG 4190-FP-ACC - Flange Connectors

(brief description of fittings)
In support of this application, the following information, calculations and/or test data are attached:
See attached drawing, FCB CRN Report. N.B. : CRN 0A6793.5 also exists with respect to a portion of this design.

DECLARED before me at Edmonton in the County of Edmonton (city) (province or state)
this 25th day of October, 2017 (Month) (Year)
(print) Marcus Ashford (signature of applicant)
(A Commissioner of Oaths or Notary Public)
(sign) [Signature] (signature of applicant)
(A Commissioner of Oaths or Notary Public)

For ABSA Office Use Only:
NOTES: 0A11767.2 = open

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Clause 4.2, and is accepted for registration in Category A
Registration Number: 0A11787.2 (Signature of the Administrator/SCO) [Signature]
Date Registered: NOV 24 2017 Expiry Date: 2027 November 24

The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Pressure Equipment Discipline.