



345 Carlingview Drive  
Toronto, Ontario  
CANADA M9W 6N9  
Tel.: 416.734.3300  
Fax.: 416.231.1626  
Toll Free: 1.877.682.8772  
[www.tssa.org](http://www.tssa.org)

May 29, 2017

PARKER HANNIFIN INSTRUMENTATION GROUP CANADA  
4635 DURHAM RD S  
GRIMSBY ON L3M 4G4  
CA

Service Request Type.: BPV-National AB  
Service Request No.: 2054522  
Your Reference No.: MONOFLANGE - ADD TO CRN 0C11492.5, ADD1 & ADD2  
Registered to.: PARKER HANNIFIN INSTRUMENTATION PRODUCTS

Dear ,

Please find enclosed the original response from AB, registered under the CRN No.: 0C19249.52.

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you.  
For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail [customerservices@tssa.org](mailto:customerservices@tssa.org). When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Joanna Karpinski  
Tel: 416-734-3377  
Fax: 416-231-6183  
Email: [jkarpinski@tssa.org](mailto:jkarpinski@tssa.org)



the pressure equipment safety authority

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

April 26, 2017

**Attention:** Tanya Francis  
TECHNICAL STANDARDS & SAFETY AUTHORITY  
345 CARLINGVIEW DRIVE  
TORONTO, ON M9W 6N9

**Email:** tfrancis@tssa.org

The design submission, tracking number 2017-02123, originally received on April 06, 2017 was surveyed and accepted for registration as follows:

**CRN :** 0C19249.52

**Accepted on:** April 26, 2017

**Reg Type:** New Design

**Expiry Date:** March 22, 2027

**Drawing No. :** CATALOG 4190-FP

**Fitting type:** DOUBLE BLOCK AND BLEED FLANGED VALVE

Design registered in the name of : PARKER HANNIFIN PLC IPDE

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

- Please see the sheet #1 of attachment to Statutory Declaration for scope and design condition. This CRN is to replace 0C11492.52 and 0C11494.52 and their respective addenda.

- It is our understanding that there are no changes for pressure parts.

As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction are ASME B31.1, ASME B31.3 and B16.34.

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.

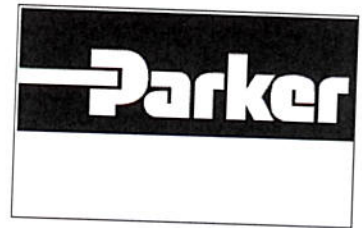
Enclosed are stamped prints for your reference.

Sincerely,

STOJANOVIC, STEVAN, P. Eng.

**STATUTORY DECLARATION  
Registration of Fittings**

I, James Nelson, Senior Core Engineer  
(name of applicant) (position title) (must be in a position of authority)  
of Parker Hannifin IPDE  
(name of manufacturer)  
located at Riverside Road, Barnstaple, Devon, UK EX32 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 MSS SP99, ASME B31.1, ASME B31.3, ASME B16.5, ASME B16.34, ASME VIII FED-STD-H28/2B 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 \_\_\_\_\_ 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 C-MONOFLLANGE

(brief description of fittings)

In support of this application, the following information, calculations and/or test data are attached:  
CATALOG 4190-FP  
CS-DUP-PROBLOC-S-10-CRN-CALC REV1

DECLARED before me at Edmonton in the County of Edmonton  
(city) (province or state)  
this 18th day of January, 2017  
(Month) (Year)

(print) Maurice Kuznetsov  
(a Commissioner of Oaths or Notary Public)

(sign) [Signature]  
(a Commissioner of Oaths or Notary Public)

[Signature]  
(signature of applicant)

**For ABSA Office Use Only:**

**NOTES:**

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 C

Registration Number: 0C19249.52

Date Registered: APR 26 2017

STEVAN STOJANOVIC  
(Signature of the Administrator/SCO)

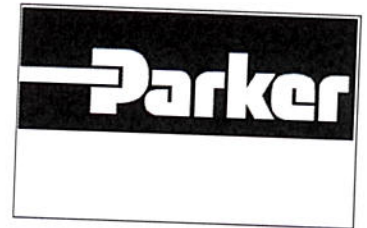
Expiry Date: March 22, 2027

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.



**STATUTORY DECLARATION  
Registration of Fittings**

I, James Nelson, Senior Core Engineer  
(name of applicant) (position title) (must be in a position of authority)  
of Parker Hannifin IPDE  
(name of manufacturer)  
located at Riverside Road, Barnstaple, Devon, UK EX32 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 FED-STD-H28/2B 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 \_\_\_\_\_ 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

PROBLOC

(brief description of fittings)

In support of this application, the following information, calculations and/or test data are attached:  
CATALOG 4190-FP  
PROBLOC-10-CRN-CALC REV 2

DECLARED before me at 3. April in the County of Devon UK  
(City) (Province or state)

this 18th day of April, 2017  
(Month) (Year)

(print) Michael E. J. R. R.  
(a Commissioner of Oaths or Notary Public)

(sign) \_\_\_\_\_  
(a Commissioner of Oaths or Notary Public)

J. A. Nelson  
(signature of applicant)

**For ABSA Office Use Only:**

NOTES:

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 \_\_\_\_\_

Registration Number: 0619249.52

Date Registered: APR 26 2017

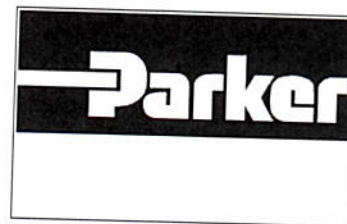
STEVEN STOJANOVIC  
(Signature of the Administrator/SCO)

Expiry Date: March 22, 2027

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.

**STATUTORY DECLARATION  
Registration of Fittings**

I, James Nelson, Senior Core Engineer  
(name of applicant) (position title) (must be in a position of authority)  
of Parker Hannifin IPDE  
(name of manufacturer)



located at Riverside Road, Barnstaple, Devon, UK EX32 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 MSS SP99, ASME B31.1, ASME B31.3, ASME B16.5, ASME B16.34, ASME VIII FED-STD-H28/2B 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 \_\_\_\_\_ 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  
C-MONOFLLANGE

(brief description of fittings)

In support of this application, the following information, calculations and/or test data are attached:  
CATALOG 4190-FP, WITH THE ADDITION OF 3" RF/RTJ 150# TO 2500#  
DESIGN CALCULATIONS (MONO-CRN-CALC\_ADD.1 REV.1)

DECLARED before me at Barnstaple in the County of Devon UK  
(city) (province or state)

this 18th day of April, 2017  
(Month) (Year)

(print) Matthew E. Kutzki  
(a Commissioner of Oaths or Notary Public)

(sign) [Signature]  
(a Commissioner of Oaths or Notary Public)

[Signature]  
(signature of applicant)

**For ABSA Office Use Only:**

**NOTES:**

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 C

Registration Number: OC19249.52

STEVAN STOJANOVIC  
(Signature of the Administrator/SCO)

Date Registered: APR 26 2017

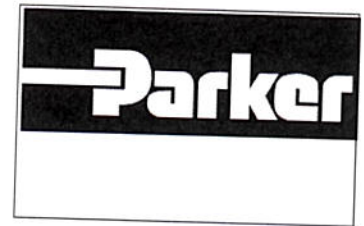
Expiry Date: March 22, 2027

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.



**STATUTORY DECLARATION  
Registration of Fittings**

I, James Nelson, Senior Core Engineer  
(name of applicant) (position title) (must be in a position of authority)  
of Parker Hannifin IPDE  
(name of manufacturer)  
located at Riverside Road, Barnstaple, Devon, UK EX32 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 ASME B16.5, ASME B16.34, ASME VIII 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 \_\_\_\_\_ 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 - MONOFLANGES

(brief description of fittings)

In support of this application, the following information, calculations and/or test data are attached:  
H SERIES MONOFLANGE 1/2" TO 2" FLANGE CONNECTIONS, A105, A182-F51-F53, A182-F316, B564 N04400, 8564 N10276 A182 F316

DECLARED before me at Bideford in the County of Devon UK  
(city) (province or state)

this 18th day of January, 2017  
(Month) (Year)

(print) Maurice Chabre  
(a Commissioner of Oaths or Notary Public)

(sign) \_\_\_\_\_  
(a Commissioner of Oaths or Notary Public)

V. P. Nelson  
(signature of applicant)

**For ABSA Office Use Only:**

NOTES:

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 C

Registration Number: 0079249.51

STEVEN STOJANOVIC  
(Signature of the Administrator/SCO)

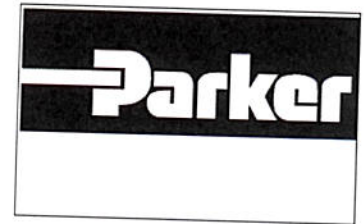
Date Registered: APR 26 2017

Expiry Date: March 22, 2027

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.

**STATUTORY DECLARATION  
Registration of Fittings**

I, James Nelson, Senior Core Engineer  
(name of applicant) (position title) (must be in a position of authority)  
of Parker Hannifin IPDE  
(name of manufacturer)  
located at Riverside Road, Barnstaple, Devon, UK EX32 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 MSS SP99, ASME B31.1, ASME B31.3, ASME B16.5, ASME B16.34, ASME VIII FED-STD-H28/2B 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 \_\_\_\_\_ 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

PROBLOC SAMPLE PROBE  
(brief description of fittings)

In support of this application, the following information, calculations and/or test data are attached:  
CATALOG 4190-FP  
PROBLOC-10-CRN-CALC REV 2

DECLARED before me at Bideford in the County of Devon UK  
(city) (province or state)  
this 18th day of January, 2017  
(Month) (Year)

(print) MURICE CHAZAR  
(a Commissioner of Oaths or Notary Public)

(sign) [Signature]  
(a Commissioner of Oaths or Notary Public)

[Signature]  
(signature of applicant)

**For ABSA Office Use Only:**

**NOTES:**

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 C

Registration Number: 0079749-52

STEVAN STOJANOVIC  
(Signature of the Administrator/SCO)

Date Registered: APR 26 2017

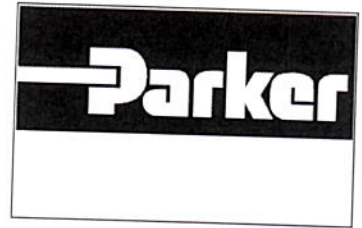
Expiry Date: March 22, 2027

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.



**STATUTORY DECLARATION  
Registration of Fittings**

I, James Nelson, Senior Core Engineer  
(name of applicant) (position title) (must be in a position of authority)  
of Parker Hannifin IPDE  
(name of manufacturer)  
located at Riverside Road, Barnstaple, Devon, UK EX32 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 MSSSP99, ASME B31.1, ASME B16.5  
ASMEVIII, FED-STD-H28/2B 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 \_\_\_\_\_ 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 - MONOFLANGES

(brief description of fittings)

In support of this application, the following information, calculations and/or test data are attached:  
DESIGN VERIFICATION MONOFLANGE DATED 21/03/2007  
CATALOG 4190-FP

DECLARED before me at Stirling in the County of Perth and Kinross  
(city) (province or state)  
this 1st day of January, 2017  
(Month) (Year)  
(print) MARCE CHAPMAN  
(a Commissioner of Oaths or Notary Public)  
(sign) [Signature]  
(a Commissioner of Oaths or Notary Public)  
J. P. Nelson  
(signature of applicant)

**For ABSA Office Use Only:**

**NOTES:**

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 C

Registration Number: 0079697-01  
STEVEAN STOJANOVIC  
(Signature of the Administrator/SCO)

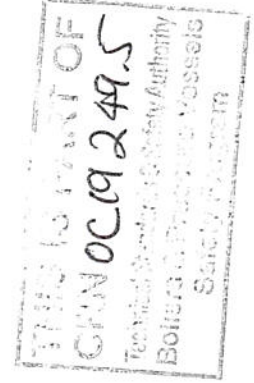
Date Registered: APR 26 2017 Expiry Date: March 22, 2027

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.



SHEET #1

PRODUCT SERIES	ASME/ANSI DESIGN STANDARD	SIZE RANGE	STD. PRESSURE CLASS	DESIGN REPORTS	ASME/ASTM MATERIAL SPECIFICATION
Parker Pro-Bloc® Manifolds Catalog 4190-FP	MSS SP99 ASME B31.1 ASME B31.3 ASME B16.5 ASME B16.34 ASME VIII FED-STD-H28/2B	10mm bore 1/2" - 3" Flange size 150-2500 Flange Class	6,000 PSI	>DESIGN VERIFICATION PROBLOC PROBLOC-10-CRN-CALC REV2 >DESIGN VERIFICATION PROBLOC FOR SAMPLING/INJECTION PROBLOC-10-CRN-CALC REV2 >DESIGN VERIFICATION PROBLOC FOR CARBON STEEL AND DUPLEX CS-DUP-PROBLOC-S-10-CRN-CALC	ASTM A105 ASTM A182-F316 ASTM A182-F51
Parker Monoflange Manifolds Catalog 4190-FP	MSS SP99 ASME B31.1 ASME B31.3 ASME B16.5 ASME B16.34 ASME VIII FED-STD-H28/2B	1/2" - 3" Flange size 150-2500 Flange Class	6,000 PSI	>DESIGN VERIFICATION MONOFLANGE MONO-CRN-CALC REV3 >DESIGN VERIFICATION MONOFLANGE MONO-CRN-CALC-ADD.1 REV.1 >MONOFLANGE TO INCLUDE 3" FLANGE CONNECTIONS MONO-CRN-CALC-ADD.1 REV.1	ASTM A182-F316 ASTM A105 ASTM B564 UNS N04400 ASTM A182-F51 ASTM-A182-F53 ASTM B564 UNS N10276 A350-LF2 A182-F44-6MO



**ASCA**

SAFETY CODES ACT - PROVINCE OF ALBERTA

REGISTRATION OF FITTINGS

REGISTRATION NO. **0C19249-52**

DWG. NO. or CAT. NO. **Catalog 4190-FP**

TYPE OF FITTINGS **Double End and Bleed Flange Valves**

**APR 26 2017** INITIALS **JS**

Date

STEVAN STOJANOVIC, P.Eng.  
DESIGN SURVEY ENGINEER