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September 13, 2017

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

Service Request Type.: BPV-National AB
Service Request No.: 2134434
Your Reference No.: MPI RENEWAL
Registered to.: PARKER HANNIFIN - INSTRUMENTATION PRODUCTS DIVISION

Dear SUSAN TURNER,

Please find enclosed the original response from AB, registered under the CRN No.: 0A11716.52.

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. 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

September 01, 2017

Attention: Joanna Karpinski
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO, ON M9W 6N9

Email: JKarpinski@tssa.org

The design submission, tracking number 2017-05075, originally received on August 16, 2017 was surveyed and accepted for registration as follows:

CRN : 0A11716.52

Accepted on: September 01, 2017

Reg Type: Addition to Acc. Fitting

Expiry Date: July 24, 2027

Drawing No. : CATALOG 4234

Fitting type: PIPING FITTINGS

Design registered in the name of : PARKER HANNIFIN

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

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

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,



GRYNCHUK, MILLA, P. Eng.
DOP Cert. No. D00005217

STATUTORY DECLARATION
Registration of Fittings

I, Tony Wyszowski, Division General Manager
(name of applicant) (position title) (must be in a position of authority)
of Parker Hannifin Corporation Instrumentation Products Division
(name of manufacturer)
located at 1005 A Cleaner Way Huntsville, Alabama 35805
(plant address)

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

see attached.

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 B31.3 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, Det Norske Veritas 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

Parker MPI™ Medium Pressure Fittings

(brief description of fittings)

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

Scope of Renewal 0A11716.5, Design Report, Material Specification ES-242, Catalog 4234 April 2015

DECLARED before me at Huntsville in the State of Alabama
(city) (province or state)

this 28th day of April, 2017
(Month) (Year)

(print) Sheri Cogger
(a Commissioner of Oaths or Notary Public)

(sign) Sheri Cogger
(a Commissioner of Oaths or Notary Public)

(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 4

Registration Number: 0A11716.52

(Signature of the Administrator/SCO)

Date Registered: SEP 01 2017

Expiry Date: 2027 July 24



Parker Engineering Manual

Parker Hannifin Corporation
Instrumentation Connectors Division

Issued 6-25-79	Section IDENTIFICATION
Revised 1-15-98	Standard No. ES-703
Ecn No. ICD97055	Page 1 OF 6

Subject:

PRODUCT LOGO MARKING REQUIREMENTS

Parker Symbol

ID-3

GENERAL:

The following information is adapted from Parker's Corporation Communications and Identification Manual.

PRODUCT IDENTIFICATION:

It is important that Parker identification appear on the millions of components sold into the market place each year. For this reason, special versions of the Corporate Signature have been designed to accommodate difficult product marking situations. The three key variables which will govern the selection of proper identification techniques are the material on which the marking is to be applied, the surface contour, and identification area size. The order of preference for product marking usage is shown. When possible, the solid Signature should be used down to a minimum of 5/8 inch. For smaller applications, the solid Open Signature, with slightly more open space within the letterforms, should be used. The Linear Signature and the Helvetica Light Parker are approved only for especially difficult marking conditions and hard material surfaces. When the marking surface, contour or area size makes it impractical to use the complete Parker identification, a "P" may be used in order of preference shown. Critical dimensions for product identification only are provided in this section.



Parker Engineering Manual

Parker Hannifin Corporation
Instrumentation Connectors Division

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Revised 1-15-98	Standard No. ES-703
Ecn No. ICD97055	Page 2 OF 6

Subject:

PRODUCT LOGO MARKING REQUIREMENTS

Parker Symbol

ID-3

- 1 Primary
Corporate Signature
Minimum Size $\frac{5}{8}$ "



- 2 Small Size
Corporate Signature
Maximum Size $\frac{5}{8}$ "



- 3 Linear
Corporate Signature



- 4 Straight Type
Identification—
Helvetica Light

Parker

- 5 Small Size "P"
Maximum Size $\frac{3}{16}$ "



- 6 Linear "P"



- 7 Straight Type "P"
Identification—
Helvetica Light

P



Parker Hannifin Corporation
Instrumentation Products Division
1005 A Cleaner Way
Huntsville, AL 35805
Office 256-881-2040
Fax 256-881-5072

April 10, 2017

ASCA	
SAFETY CODES ACT - PROVINCE OF ALBERTA	
REGISTRATION OF FITTINGS	
REGISTRATION NO.	0A11716.52
DWG. NO. or CAT. NO.	CAT. 4234
TYPE OF FITTINGS	pipe fittings
SEP 01 2017	INITIALS
Date	MILLA GRYNCHUK, P.Eng. DESIGN SURVEY ENGINEER

SCOPE OF REGISTRATION RENEWAL 0A11716.5

The scope of this registration renewal are the fittings, Size 4, 6, 8, and 9, listed on pages 13 through 32 of Catalog 4234, Medium Pressure Products, dated April 2015. These are the same fittings as were covered by the existing registration. The design of these fittings has not changed since the original registration. A change was made to previous catalog offerings to add an additional material, as described below. This addition was processed as an addendum to the previous registration 0A11716.5ADD1 and is recreated below for inclusion in this renewal.

Super Duplex 2507 (UNS 32750) stainless steel has been added to the possible materials of construction for the MPI line of fittings (Sizes 4, 6, 8, & 9). The existing registration for the MPI line of fittings is based on calculations and supplemental burst tests using Type 316 stainless steel materials as listed in the existing registration (shown below):

Spec	Material Designation	Hex	Tensile	Yield	Stress
SS-60	ASME-SA-479, Type 316	1 1/4"	100Ksi	80Ksi	33.3Ksi
SS-85	ASME-SA-479, Type 316/316L	1 1/4"	100Ksi	80Ksi	33.3Ksi
SS-63	ASTM-A-276, Type 316	1 3/4" ⁽¹⁾	125Ksi	105Ksi	41.6Ksi
SS-91	ASME-SA-213 & 269, Type 316	1" ⁽²⁾	105Ksi	70Ksi	35.0Ksi


- (1) rectangular bar stock
(2) 1/8 hard tubing

The additional new material is:

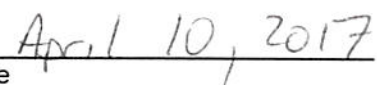
Spec	Material Designation	Hex	Tensile	Yield	Stress
SS-15	ASTM- A-479, UNS 32750	1 1/4"	116Ksi	80Ksi	38.7Ksi
SS-15	ASTM- A-479, UNS 32750	1 3/4" ⁽¹⁾	116Ksi	80Ksi	38.7Ksi

- (1) rectangular bar stock

Parts made from this alternate material would have no changes to the form, fit, function, configuration or dimensions from those used in parts made from the Type 316 stainless steel listed in the original registration. The calculations in the original registration were based on the lowest allowable stress for the material listed in catalog as shown above. The allowable stress for the alternate material is greater than the lowest used in all the calculations in the original registration.


Fredrick Roy, P.E.

Project Engineer - Quality
Certifications, Registrations
and Nuclear Products


Date