

| To:       | TSSA   | From:     | Janet Townsend    |
|-----------|--|-----------|-------------------|
| Company:  | Parker Hannifin,<br>Instrumentation Products | Phone:    | 416-747-4291      |
| Pages:    | 6  | Location: | Toronto           |
| Our File: | ANR-3444                                     | Date:     | February 25, 2015 |

Your File: 1563718

#### **Subject:** Request for Design Registration

Dear Ms. Francis,

CSA has reviewed the documentation submitted by TSSA on behalf of Parker Hannifin, Instrumentation Products. These fittings have been registered by CSA for the Province of Québec. In accordance with an agreement between CSA, the Provinces of Québec and Saskatchewan; this registration is recognized by Quebec and Saskatchewan. These fittings are acceptable for use in these Provinces.

The letters CSA will be applied as a prefix to the CRN indicate which fittings have been registered in this manner. A copy of the stamped Statutory Declaration is attached.

The CRN is CSA-0E9901.56R1.

The cost for this service is \$ 760.00 plus HST.

A copy of the Statutory Declaration with an original stamp affixed will be forwarded to you along with our invoice by regular mail.

Yours truly

**Janet Townsend** 

Account Manager CSA Group

janet.townsend@csagroup.org

www.csagroup.org



**TECHNICAL STANDARDS &** SAFETY AUTHORITY 14th Floor, Centre Tower 3300 Bloor Street West Toronto, Ontario Canada M8X 2X4

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

Der allached

#### STATUTORY DECLARATION

|  | Registration of  | Fittings                          |   |  |
|--|--|-----------------------------------|---|--|
| Tony Wysz  | zkowski, General Manager   |                                   |   |  |
| -3   | (Name and Position, e.g. President, Plant Man  | nager, Chief Engineer)            |   |  |
| of Parker Ha   | nnifin, Instrumentation Products Division (with additional mar   | nufacturing at 2651 Hwy 21 N      | orth, Jacksonville AL)                    |  |
|  | (Name of Manufacturer)   |                                   |   |  |
| Located at   | 1005 A Cleaner Way, Huntsville, AL   | 256-881-2040                      | 256-881-5072                              |  |
|  | (Plant Address)  | (Telephone No.)                   | (Fax No.)                                 |  |
| do solemnly declare that the fittings listed hereunder, which are subject to the <i>Technical Standards and Safety Act</i> , Boilers and Pressure Vessels Regulation, comply with all of the requirements of   |  |                                   |   |  |
| which sp   | (Title of recognized North American Specifies the dimensions, materials of construction, pressure/tempera  | •                                 | ng the fittings and service;              |  |
| ASME   | not covered by the provisions of a recognized North American B31,1 as supported by the attached date/temperature ratings and the basis for such ratings, the marking | ata which identifies the dimensio | ns, material of construction,             |  |
| <del></del>  | re that the manufacture of these fittings is controlled by a qualitywhich has been verified by the following authority, Det Norsl                                    |                                   | ents of ISO 9001:2008                     |  |
|  | red by this declaration, for which I seek registration, are category $\underline{\mathbb{E}}$  |                                   | _ type fittings. In support of            |  |
|  | the following information and/or test data are attached as follows: -CV, "Check Valves, Filters & Relief Valves", dated Decemb                                       | er 2010, Scope of Registration    | n Renewal 0E9901.5                        |  |
|  | (drawings, calculations, test repo   |                                   |   |  |
| Declared before me at Hurtsville in the state of Alabama   |  |                                   |   |  |
| the 20   | day of NOVEMBER AD 20 14.  |                                   |   |  |
| Commissione  | er for Oaths:  |                                   | 300                                       |  |
| Sheri Cossan   |  |                                   |   |  |
| (Printed name)  Aha: Cocea  (Signature)  (Signature of Declarer)   |  |                                   |   |  |
|  | FOR OFFICE USE O   | NLY                               |   |  |
| To the best of my knowledge and belief, the application meets the requirements of the <b>Technical Standards and Safety Act</b> , Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category <b>REGISTERED</b> |  |                                   |   |  |
| CSA Standard t   | BS I and is accepted for registration in Category  | REGISTEREI                        |   |  |
| CRN:   | CSA-0E 9901,56R1   |                                   | -DE9901.56RI                              |  |
| Registered by:   | · · · · · · · · · · · · · · · · · · ·  |                                   | rampel Sanolly                            |  |
| Dated:   | FEB. 12.2015   | Date: 12<br>178 Rexidate Bouleva  | Feb 2015<br>rd, Toronto, ON Canada M9W1R3 |  |
| NOTE: This re  | egistration expires on: $\sqrt{N}$   |                                   |   |  |



Parker Engineering Manual Parker Hannifin Corporation Instrumentation Connectors Division

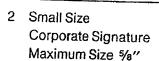
| Issued        | Section        |
|---------------|----------------|
| 6-25-79       | IDENTIFICATION |
| Revised       | Standard No.   |
| 1-15-98       | ES-703         |
| Ecn No.       | Page           |
| ICD97055      | 2 OF 6         |
| Parker Symbol |                |

ID-3

Subject:

PRODUCT LOGO MARKING REQUIREMENTS

Primary Corporate Signature Minimum Size 5/8"





Linear Corporate Signature



4 Straight Type Identification-Helvetica Light

Parker

5 Small Size "P" Maximum Size 3/16"



Linear "P"



7. Straight Type "P" Identification-Helvetica Light

Lolleen Anne Retaliff, a Commissioner, etc., City of Toronto, for the Technical Standards & Safety Authority. Expires July 24, 2016.

### Specifications

#### Pressure Rating

F2, F4, F6, F8 & F12 Stainless Steel Filters:

F16 Stainless Steel Filter:

All Size Filters with PTFE Seats:

6,000 psig CWP @ 100 °F /

5,000 psig maximum @ 400 °F

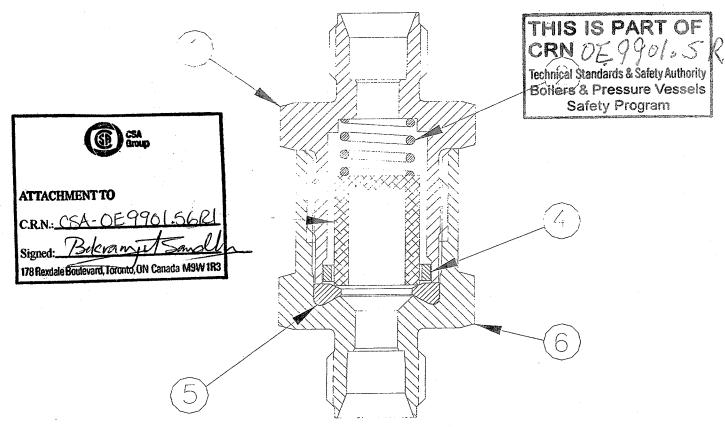
5,000 psig CWP @ 100 °F /

4,000 psig maximum @ 400 °F

4,000 psig @ 100 °F /

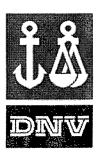
1,500 psig maximum @ 400 °F

#### Filter Cross Section



#### Materials of Construction

| Item # | Description    | Stainless Steel Filter | Brass Filter            |
|--------|----------------|------------------------|-------------------------|
| 1      | Body           | ASTM A 276, Type 316   | ASTM B 16, Alloy C36000 |
| 2      | Spring         | 316 Stainless Steel    |                         |
| 3      | Filter Element | 316 Stainless Steel    |                         |
| 4      | Guide Ring     | , PTFE                 |                         |
| 5      | Seal           | Fluorocart             | oon Rubber              |
| 6      | Сар            | ASTM A 276, Type 316   | ASTM B 16, Alloy C36000 |



# DNV BUSINESS ASSURANCE MANAGEMENT SYSTEM CERTIFICATE

Certificate No. 51495-2009-AQ-USA-RvA

This is to certify that

## **Parker Hannifin Corporation Instrumentation Products Division**

at

1005 A Cleaner Way, Huntsville, AL 35805 USA Additional Locations:

| Site Address         | Site City    | Site State | Site Main Activities  |
|----------------------|--------------|------------|---|
| 301 Wagner Drive     | Boaz         | AL 35957   | Procurement, Receiving, Shipping, Stores, QA, Operations                  |
| 2651 AL Hwy 21 North | Jacksonville | AL 36265   | Order Entry, Procurement, Operations, Design, Receiving, Shipping, Stores |

has been found to conform to the Management System Standard:

ISO 9001:2008

This Certificate is valid for the following product or service ranges:

#### Design and Manufacture of Instrumentation Products

Initial Certification date:

April 07, 2009

This Certificate is valid until: April 07, 2015

The audit has been performed under the supervision of

Len Williford

Lead Auditor



Place and date:

Houston, Texas, April 07, 2012

for the Accredited Unit:

DNV CERTIFICATION B.V.,

JNV CERTIFICATION B.V THE NETHERLANDS

David Shields

Management Representative

Lack of fulfillment of conditions as set out in the Certification Agreement may render this Certificate invalid.

ACCREDITED UNIT: DET NORSKE VERITAS CERTIFICATION B.V., ZWOLSEWEG 1, 2994 LB, BARENDRECHT, THE NETHERLANDS, TEL:+31 (0) 10 2922600 WWW.dnvba.com



Princettin Buryless
330 - 1855 Victorin Avenue
Region, Sarkulcheway
848 377

787-4509

April 23, 1998

#### Re: Fittings Registration

The Province of Saskatchewan will be participating with Quebec, Manitoba and the Canadian Standards Association (CSA) in a pilot project for the registration of fittings. We will recognize registrations done by CSA and accept such fittings for use in Saskatchewan.

The letters CSA will be applied as a prefix to the CRN to indicate which fittings have been registered in this manner. I would appreciate if you could inform your clients of this additional marking requirement.

You may also inform your clients that fittings registered by CSA are accepted for use in Saskatchewan.

N. Surtege, P. Eng.

Yours truly

Executive Director