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|-----------|--|-----------|-------------------|
| To: | TSSA | From: | Janet Townsend |
| Company: | Parker Hannifin, 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

A handwritten signature in blue ink that reads 'Janet Townsend'.

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

See attached

STATUTORY DECLARATION Registration of Fittings

I, Tony Wyszowski, General Manager

(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Parker Hannifin, Instrumentation Products Division (with additional manufacturing at 2651 Hwy 21 North, Jacksonville AL)

(Name of Manufacturer)

Located at 1005 A Cleaner Way, Huntsville, AL

(Plant Address)

256-881-2040

(Telephone No.)

256-881-5072

(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

(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 ASME B31,1 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 9001:2008 which has been verified by the following authority, Det Norske Veritas

The items covered by this declaration, for which I seek registration, are category E type fittings. In support of this application, the following information and/or test data are attached as follows:

Catalog 4135-CV, "Check Valves, Filters & Relief Valves", dated December 2010, Scope of Registration Renewal 0E9901.5

(drawings, calculations, test reports, etc.)

Declared before me at HUNTSVILLE in the state of Alabama

the 20th day of NOVEMBER AD 2014.

Commissioner for Oaths:

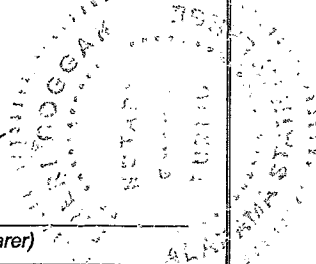
Sheri Cossan

(Printed name)

Sheri Cossan

(Signature)

[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 E.

CRN: CSA-OE9901.56R1

Registered by: B. SANDHU

Dated: FEB. 12. 2015

NOTE: This registration expires on: Jan 8, 2025



REGISTERED

C.R.N.: CSA-OE9901.56R1

Signed: Bikramjit Sandhu

Date: 12 Feb 2015

178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3



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 2 OF 6 |

Subject:
PRODUCT LOGO MARKING REQUIREMENTS

Parker Symbol
 ID-3

- 1 Primary
 Corporate Signature
 Minimum Size 5/8"



- 2 Small Size
 Corporate Signature
 Maximum Size 5/8"



- 3 Linear
 Corporate Signature



- 4 Straight Type
 Identification—
 Helvetica Light

Parker

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



- 6 Linear "P"



- 7 Straight Type "P"
 Identification—
 Helvetica Light

P



**CERTIFIED
 TRUE COPY**

Date: Jan 9/15

Signature: [Handwritten Signature]

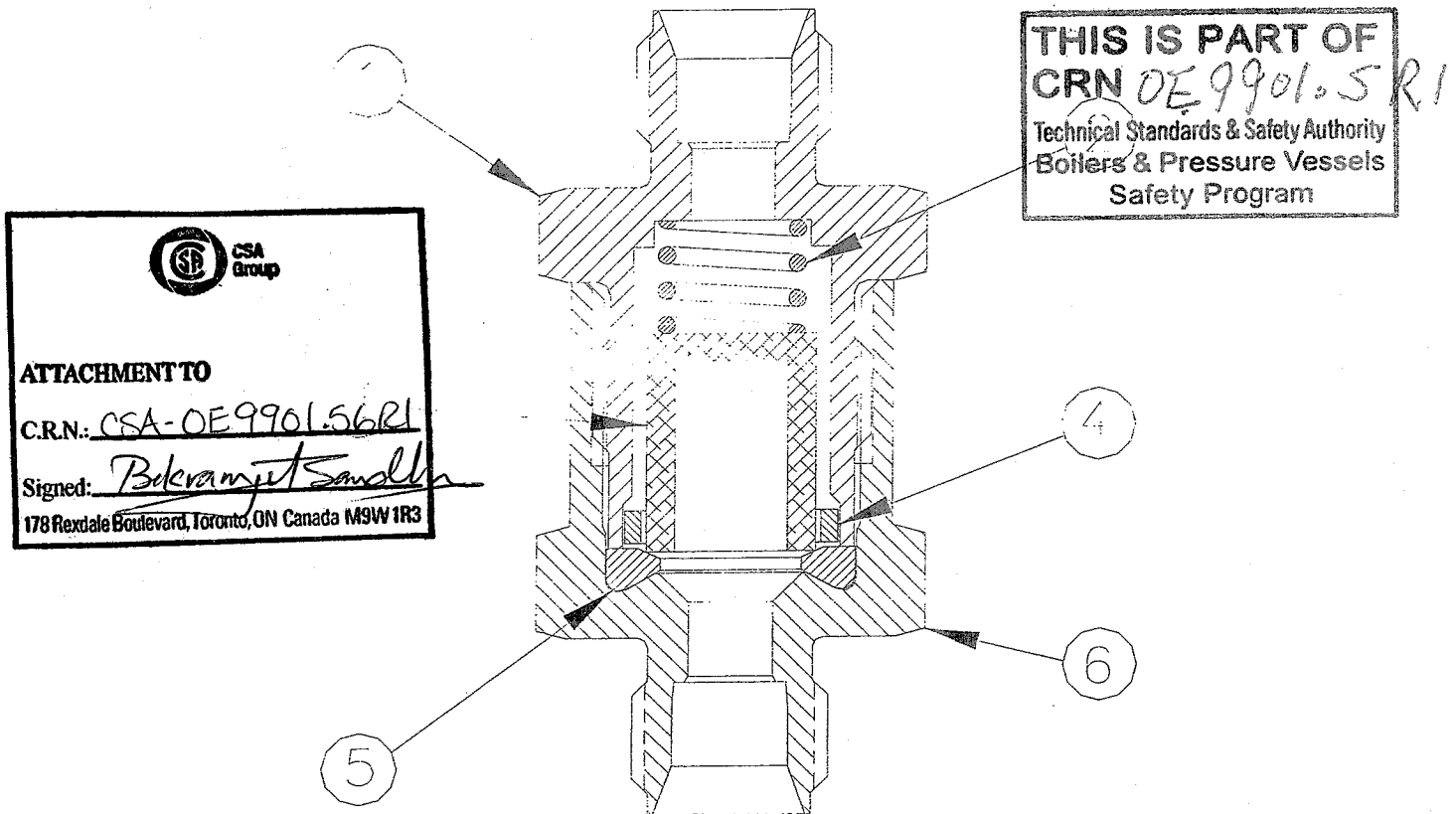
Jolleen Anne Ratcliff, a Commissioner, etc.,
 City of Toronto, for the Technical Standards
 & Safety Authority.
 Expires July 24, 2016.

Specifications

Pressure Rating

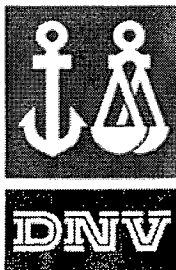
| | |
|---|--|
| F2, F4, F6, F8 & F12 Stainless Steel Filters: | 6,000 psig CWP @ 100 °F / 5,000 psig maximum @ 400 °F |
| F16 Stainless Steel Filter: | 5,000 psig CWP @ 100 °F / 4,000 psig maximum @ 400 °F |
| All Size Filters with PTFE Seats: | 4,000 psig @ 100 °F / 1,500 psig maximum @ 400 °F |

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 | Fluorocarbon Rubber | |
| 6 | Cap | 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.,
THE NETHERLANDS

David Shields
Management Representative

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



Saskatchewan
Municipal
Government

Saskatchewan

Protection Services
330 - 1851 Victoria Avenue
Regina, Saskatchewan
S4P 3V7

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.

Yours truly,

N. Surtees, P. Eng.
Executive Director