



To:	TSSA	From:	Janet Townsend
Company:	Parker Hannifin Corporation, Instrumentation Product Division	Phone:	416-747-4291
Pages:	10	Location:	Toronto
Our File:	ANR-4677	Date:	October 17, 2017

Your File: 2134444

Subject: Request for Design Registration

Dear Ms. Francis,

CSA has reviewed the documentation submitted by TSSA on behalf of Parker Hannifin Corporation, Instrumentation Product Division.

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-0A11716.56R2.

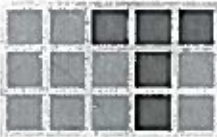
A copy of the Statutory Declaration with an original stamp affixed will be forwarded to you along with our invoice by regular mail.

Yours truly

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

Janet Townsend
Program Manager
CSA Group

178 Rexdale Blvd.
Toronto, ON, M9W 1R3
Canada
www.csagroup.org



Statutory Declaration (Registration of Fittings)

LIB-0002 TSK-1008

I. Declaration Information

I, Tony Wyszowski
General Manager
(company title, e.g. vice president, plant manager, chief engineer)
(must be in a position of authority in the manufacturing plant where the fitting is produced)
of: Parker Hannifin Corporation Instrumentation Products Division
(name of manufacturer)

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

located at: 1005 A Cleaner Way Huntsville, Alabama USA 35805
(Plant Address - Apt/Street) (City, Prov) (Postal Code)

do solemnly declare that the fittings listed hereinunder, which are subject to the **Saskatchewan Boiler and Pressure Vessel Safety 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
(title of recognized North American Standard)
- 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 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 manufacturer of these fittings is controlled by a quality control program which has been verified by the following authority, Det Norske Veritas - GL as being suitable for the manufacturer of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are category A fittings

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

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

II. Declaration

DECLARED before me at Huntsville In the State of Alabama
this 17th day of May, 2017
Sheri Coggan (print name) [Signature] (Signature)
Sheri Coggan (Signature of Commissioner of Oaths)

III. Office Use Only

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

CSA-0A11716.56 (Registration Number) 09/18/2017 (Date Registered - MM DD YYYY) 07/24/2027 (Expiry Date - MM DD YYYY)
[Signature] (For the Administrator / Chief Inspector) A. BANWATT

CRN: CSA-0A11716.56(A)
Registration Process administered by CSA Group per CSA B51

Note: 1. See attachment as the scope of registration.
2. Renewal registration without design change.



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

THIS IS PART OF
CRN 0A11716.5R2
 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program

Ullrich July 24/17

April 10, 2017

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 process 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

ATTACHMENT TO

C.R.N. **CSA-0A11716.5R2**

Signed: *[Signature]*

178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

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.

[Signature]
 Fredrick Roy, P.E.

April 10, 2017
 Date

Project Engineer - Quality
 Certifications, Registrations
 and Nuclear Products

MANAGEMENT SYSTEM CERTIFICATE

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

Initial certification date:
07 April, 2009

Valid:
07 April, 2015 – 07 April, 2018

This is to certify that the management system of

Parker Hannifin Corporation **Instrumentation Products Division**

1005 A Cleaner Way, Huntsville, AL 35805 USA

and the sites as mentioned in the Appendix accompanying this Certificate

has been found to conform to Quality management system standard:

ISO 9001:2008

This certificate is valid for the following Scope:

**Design and Manufacture of Instrumentation Products. Design,
Manufacture and Service of Pressure and Temperature Systems,
Components and Pneumatic Pumps**

Place and date:
Katy, TX, 14 January, 2015



The RvA is a signatory to the IAF MLA

For the issuing office:
DNV GL - Business Assurance
1400 Ravello Drive
Katy, TX 77449

John C. Stefan
Management Representative

Certificate No.: 51495-2009-AQ-USA-RvA
 Place and date: Katy, TX, 14 January, 2015

Appendix to Certificate

Parker Hannifin Corporation Instrumentation Products Division

Locations included in the certification are as follows:

Site Name	Site Address	Site Scope
Parker Hannifin Corporation Instrumentation Products Division	1005 A Cleaner Way, Huntsville, AL 35805 USA	Top Management, Design, Order Entry, Planning, Marketing, Outside Sales, Receiving, Shipping, Operations, Stores, HR, Support functions
Parker Hannifin Corporation Instrumentation Products Division	301 Wagner Drive, Boaz, AL 35957 USA	Procurement, Receiving, Shipping, Stores, QA, Operations
Parker Hannifin Corporation Instrumentation Products Division	2651 AL Hwy 21 North, Jacksonville, AL 36265 USA	Order Entry, Procurement, Operations, Design, Receiving, Shipping, Stores
Parker Hannifin Corporation Instrumentation Products Division	8325 & 8355 Hessinger Drive, Erie, PA 16509 USA	Quote, Engineering, Order Entry, Planning, Scheduling, Machining, Assembly, Testing, Service, Purchasing, Receiving, Shipping

178 Rexdale Blvd.
Toronto, Ontario
Canada M9W 1R3
Tel: (416) 747-4000
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March 2017

CRN – Canadian Registration Numbers - Saskatchewan

The Province of Saskatchewan participates with Quebec and the Canadian Standards Association (CSA Group) for the registrations of “Fittings”.

Per an agreement with CSA Group in April 1998, Saskatchewan recognizes registrations done by CSA Group and accepts such fittings for use in Saskatchewan.

The letters “CSA” are applied as a prefix to the CRN to indicate which “Fittings” have been registered in this manner. You should inform your clients of this additional marking requirement and that “Fittings” registered by CSA Group are accepted for use in Saskatchewan Canada.