

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 Craig Beckwith, General Manager (Name and Position, e.g. President, Plant Manager, Chief Engineer) of Parker Hannifin Corporation, Instrumentation Products Division (Name of Manufacturer) Located at 1005 A Cleaner Way, Huntsville, Alabama 35805 256-881-2040 256-881-5730 (Plant Address) (Telephone No.) (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 ANSI B31.1 ANSI B31.3 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 type fittings. In support of this application, the following information and/or test data are attached as follows: Catalog 4230/4233 CPI/ALOK Tube fittings. Hartford Steam Boiler Inspection report. Parker Hannifin Test report (drawings, calculations, test reports, etc.) Declared before me at Madison County in the state of Alabama 10th day of October AD 20 13. Commissioner for Oaths: Sheri (Loggan (Printed name) (Signature of Declarer) FOR OFFICE USE ONLY **Technical** To the best of my knowledge and belief, the application meets the requirements of the Boilers and **Standards** Pressure Vessels Technical Standards and Safety Act, Boilers and Pressure Vessels Regulation, and and Safety Authority Safety Program CSA Standard B51 and is actepted for registration in Category CRN: Registered by: Signed:. Dated:

NOTE: This registration expires on:



Parker Engineering Manual

Parker Hannifin Corporation Instrumentation Connectors Division 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 ¾,,"



6 Linear "P"



0406793.52

7 Straight Type "P" Identification— Helvetica Light

P



14th Floor, Centre Tower 3300 Bloor Street West Toronto, Ontario Canada M8X 2X4 Tel.: 416.734.3300 Fax: 416.231.1626

Toll Free: 1.877.682.8772

www.tssa.org

November 13, 2013

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

Service Request Type: BPV-Fitting Registration

Service Request No.: 1282964

Your Reference No.: INTERCHANGE

Registered to: PARKER HANNIFIN INSTRUMENTATION GROUP CANADA

Dear SUSAN TURNER,

Technical Standards and Safety Authority (TSSA) is pleased to inform you that your submission has been reviewed and registered as follows:

CRN No.: 0A9154.5R2

Main Design No.: CRN renewal, Catalog: 4230/4233 - CPI / A-LOK Tube Fittings - December 2012

Expiry Date: 13-Nov-2023

Please be advised that a valid quality control system must be maintained for the fitting registration to remain valid until the expiry date.

The stamped copy of the approved registration and the invoice are mailed separately. Should you have any questions or require further assistance, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Mark Valcic P. Eng. Engineer BPV

Tel.: 416-734-3494 Fax: 416-231-6183 Email: mvalcic@tssa.org



April 26, 2004

To: Canadian Instrumentation Distributor Principals

From: Peter Prange

RE: CRN for Intermixed Fittings in Ontario - Attached Letter from TSSA

Ladies and Gentlemen:

Parker Canada has recently been given a CRN for specific Parker A-lok and CPI fittings and components intermixed with Swagelok components. The list of fittings is attached. The CRN for the intermixed fittings is 0A9154.5.

Additionally the TSSA has registered under our existing CRN for A-lok and CPI that we have a CRN for specific Parker/Swagelok inter-mixed fittings and Parker states that it is acceptable to utilize Swagelok components as replacement parts for our A-lok and CPI product.

To obtain a CRN the product must be designed and manufactured to a recognized specification or must satisfy to the authority, in this case the TSSA, that the design is proven. We tested a sampling of our product offering (attached) and for that sampling we were able to supply proof of design that enabled Parker to obtain a CRN. We are confident that performing the same tests on other fittings of different size, shapes and material would provide the same positive results that were supplied to the TSSA to obtain the CRN for the sample list of fittings.

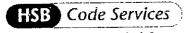
If you have any further questions please feel free to contact me directly at (905)-309-8291.

Yours truly,

Peter Prange

Regional Manager- Canada

Parker Hannifin- Instrumentation Group



A Global Standards Company

SOURCE INSPECTION REPORT

	CUSTOMER'S	NAME		1				
CUSTOMER			PURCHASE ORDER NUMBER					
	PURCHASER NAME	CONTRACTOR'S	PURCHASE ORDER NUMBER					
	MANUFACTURER'S NAME MANUFACTURER'S REPRESENTATIVE							
	MANUFACTU	Parker Hannifin Canada	Lebron Leslie	I				
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TURER			Telephone: 256 881-2046	4				
			Fax:	Fax:				
INSPECTOR NAME Inspection Date (MMIDDYYYY) VISIT NUMBER								
	Samuel Flood 11/18/02-11/21/02 01							
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1	NAME	Tim Nuoffer]	İ				
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DATA	EMAIL #	Timothy Nuoffer@hsbci.com		ļ				
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Parker Hannifin Corporation 9400 S. Memorial Parkway Huntsville, AL 35803



Test Report

Scope:

Testing involved proof pressure testing in accordance with ASME Section VIII to verify the rated working pressure, as shown in the Parker Hannifin Bulletin, 4200-TS, of tube fitting assemblies comprised of components from Parker CPITM or A-LOK® and Swagelok® brand tube fittings. Through reasonable interpolations between the fittings sizes tested, all other sizes with the same type, grade and class will be considered acceptable if the specimens pass all the testing requirements specified.

Manufacturer and Brand of Fittings Tested:

Parker CPI[™] and A-LOK® Tube Fittings Swagelok® Tube Fittings

Materials Tested:

Type 316 Stainless Steel and Brass as supplied from each manufacturer. Tubing used complies with the recommendation of each manufacturer.

Sizes Tested:

¼ inch Stainless Steel and Brass½ inch Stainless Steel and Brass1 inch Stainless Steel and Brass

Assembly Method:

Fittings were assembled using the attached "Recipe of Test Assemblies" in accordance with the manufacturer's instructions. It is noted that both Parker and Swagelok's tube fittings use the same make-up instructions. Tubing selection was in accordance with the Parker Instrument Tubing Selection Guide, Bulletin 4200-TS October 2000

Pressure Ratings:

As shown in the Parker Instrument Tubing Selection Guide, Bulletin 4200-TS, October 2000

Authorized Inspector:

Samuel Flood of Hartford Steam Boiler, Code Services National Board Commission Number 9834 Contract No. GEN8020986001I Test completed on March 11, 2003

File: 03013 rev. 1 page 1 of 2

Parker Hannifin Corporation 9400 S. Memorial Parkway Huntsville, AL 35803



Test Results:

Size/material	Maximum Allowable Working Pressure (MAWP)	Assemblies	Results
½" stainless steel	3,500 psig	M1 through M15	Passed
¼" stainless steel	5,100 psig	M3, M8, M11, M12, M13	Passed
1" stainless steel	3,700 psig	M3, M8, M11, M12, M13	Passed
½" brass (copper tubing)	1,200 psig	M1 through M15	Passed
1/4" brass (copper tubing)	2,600 psig	M3, M8, M11, M12, M13	Passed
1" brass (copper tubing)	1,000 psig	M3, M8, M11, M12, M13	Passed

Test Approved by: Robert C. Hughes, Div. Quality Manager Date: 4/30/2003

File: 03013 rev. 1



TECHNICAL STANDARDS & SAFETY AUTHORITY

4th Floor, West Tower 3300 Bloor Street West Toronto, Ontario Canada M8X 2X4

March 5, 2004 ~ Revised from January 27, 2004

Parker Hannifin Canada Inc. Mr. Peter Prang 4635 Durham Road P.O. Box 158 Grimsby, ON L3M 4G4

Dear Mr. Prang:

RE: TSSA Log 59790 - Parker Hannifin Submittal Date April 22, 2003

We have reviewed the information submitted and additional responses provided together with your proof test results. The configurations tested have been registered under CRN 0A9154.5. This information has also been included for reference under CRN 0A6793.5 for Parker Hannifin CPI and A-Lok products, as part of your manufacturer's instructions for permissible repairs and replacement parts for your registered products.

If you have any further questions, please feel free to contact me directly at (416) 325-1943.

Yours truly,

Engineering Manager

Boilers and Pressure Vessels Safety