



the pressure equipment safety authority

STATUTORY DECLARATION Registration of Fittings

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

See attached

I, Craig Beckwith,

General Manager

(company title, e.g. vice president, plant manager, chief engineer) (must be in a position of authority)

of Parker Hannifin Instrumentation Products

(name of manufacturer)

located at 1005 A Cleaner Way, Huntsville, Alabama 35805 USA

(plant address)

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 a proprietary standard 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 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 Alok

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

Catalog 4230/4233 CPI/ALOK Tube fittings. Hartford Steam Boiler Inspection report. Parker Hannifin Test report

DECLARED before me at Madison County in the State of Alabama

this 10th day of October, 2013
(Month) (Year)

(print) Sheri Cogger

(sign) Sheri Cogger
(A Commissioner for Oaths)

(Signature of Applicant)

For Office Use Only

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 A

Registration Number: 0A 09154.52

Date Registered: DEC 15 2013

(For the Administrator/Chief Inspector of Alberta)

Expiry Date: 2013-11-13

The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Boiler Discipline.



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 $\frac{5}{8}$ "



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



- 3 Linear
Corporate Signature



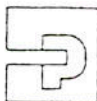
- 4 Straight Type
Identification—
Helvetica Light

Parker

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



- 6 Linear "P"



- 7 Straight Type "P"
Identification—
Helvetica Light

P

0A06793.52

December 15, 2013

Attention: Tanya Francis
TECHNICAL STANDARDS & SAFETY AUTHORITY
3300 BLOOR STREET WEST
14 FLOOR CENTRE TOWER
TORONTO, ON M8X 2X4

The design submission, tracking number 2013-08727, originally received on November 20, 2013 was surveyed and accepted for registration as follows:

CRN : 0A09154.52

Accepted on: December 15, 2013

Reg Type: Addition to Acc. Fitting

Expiry Date: November 13, 2023

Drawing No. : CATALOG: 4230/4233

Fitting type: CPI/A-LOK TUBE FITTINGS

Design registered in the name of : PARKER HANNIFIN

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

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 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.

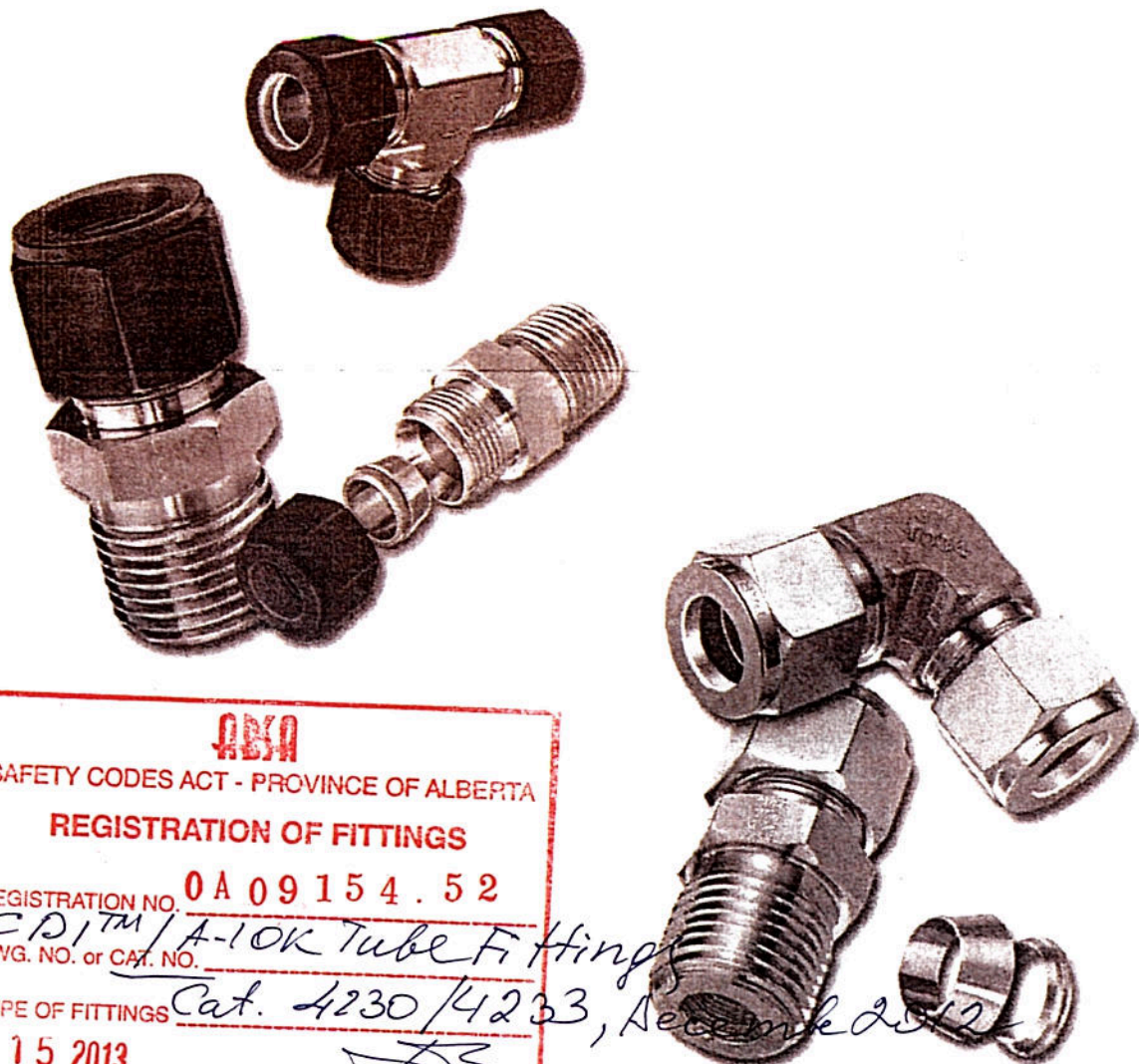
An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3330 or fax (780) 437-7787 or e-mail grynchuk@absa.ca.

Sincerely,



GRYNCHUK, MILLA



ASMA
SAFETY CODES ACT - PROVINCE OF ALBERTA
REGISTRATION OF FITTINGS
REGISTRATION NO. **0A 09154.52**
CPI™/A-LOK Tube Fittings
DWG. NO. or CAT. NO. *Cat. 4230/4233, December 2012*
TYPE OF FITTINGS *4230/4233, December 2012*
DEC 15 2013 INITIALS *GR*
Date _____
MILLA GRYNCHUK, P.Eng.
DESIGN SURVEY ENGINEER

CPI™/A-LOK® Tube Fittings

Catalog 4230/4233

December 2012

aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding



ENGINEERING YOUR SUCCESS.



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

January 21, 2014

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.: 1286386
Your Reference No.: INTERCHANGE
Registered to.: PARKER HANNIFIN INSTRUMENTATION GROUP CANADA

Dear SUSAN TURNER,

Please find enclosed the original response from AB, registered under the CRN No.: 0A09154.52.

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,

Tanya Francis
Administrative Assistant_ BPV Engineering
Tel. : 416-734-3423
Fax : 416-231-6183
Email : tfrancis@tssa.org



INSTRUMENTATION
4635 Durham Road South
P.O. Box 158
Grimsby, Ontario
L3M 4G4

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,

A handwritten signature in black ink, appearing to read "Peter Prange".

Peter Prange
Regional Manager- Canada
Parker Hannifin- Instrumentation Group

SOURCE INSPECTION REPORT

CUSTOMER	CUSTOMER'S NAME		PURCHASE ORDER NUMBER	
	PURCHASER/CONTRACTOR'S NAME			
MANUFACTURER	MANUFACTURER'S NAME Parker Hannifin Canada		MANUFACTURER'S REPRESENTATIVE Lebna Leslie	
	PLANT LOCATION		Telephone: 256 881-2040 Fax:	
QA	INSPECTOR NAME Samuel Flood	Inspection Date (MM/DD/YYYY) 11/18/02 - 11/21/02	VISIT NUMBER 01	
	COPIES OF REPORT TO NAME Tim Nuoffer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DATA	EMAIL # FAX #	Timothy_Nuoffer@hsbci.com 1-800-205-8518		

1. NAME OF ITEMS/EQUIPMENT DESCRIPTION(S):	ID/TAG ITEM NUMBER(S):
1/2" Stainless Steel test Assemblies 3500 Lb MAWP (15)	m-1 through m-15
1/2" Stainless Steel test Assemblies 5100 Lb MAWP (5)	m-3, m-8, m-11, m-12, m-13
1/2" Brass (copper tubing) Test Assemblies 2600 Lb MAWP (5)	m-3, m-8, m-11, m-12, m-13
1/2" Brass (copper tubing) Test Assemblies 1200 Lb MAWP (15)	m-1 through m-15
1" Brass (copper tubing) Test Assemblies 1000 Lb MAWP (5)	m-3, m-8, m-11, m-12, m-13

2. TESTS WITNESSED /REVIEWED:	TEST RESULTS ATTACHED: YES NO:
Proof test Stainless Assemblies at 4 X MAWP Brass Assemblies at 4 X MAWP	<input checked="" type="checkbox"/> <input type="checkbox"/>
MAWP Reference Parker Hannifin Bulletin 4200-TS October 2000	

3. TESTS THAT HAVE BEEN MADE SINCE LAST VISIT:	TEST RESULTS ATTACHED: YES NO:
N/A	<input type="checkbox"/> <input type="checkbox"/>



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 CPI™ 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 Brass
½ inch Stainless Steel and Brass
1 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



Test Results:

Size/material	Maximum Allowable Working Pressure (MAWP)	Assemblies	Results
1/2" stainless steel	3,500 psig	M1 through M15	Passed
1/4" stainless steel	5,100 psig	M3, M8, M11, M12, M13	Passed
1" stainless steel	3,700 psig	M3, M8, M11, M12, M13	Passed
1/2" 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 Date: 6/30/2003
Robert C. Hughes, Div. Quality Manager

405-948-2112



**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,

Cathy Turyle
Engineering Manager
Boilers and Pressure Vessels Safety