





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  $\frac{1}{16}$ "



- 6 Linear "P"



0A06793.52

- 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](http://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](mailto: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](mailto:mvalcic@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'S REPRESENTATIVE	
MANUFACTURER	MANUFACTURER'S NAME Parker Hannifin Canada		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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DATA	NAME Tim Nuoffer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	EMAIL # Timothy_Nuoffer@hsbci.com			
	FAX # 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	
1/4" Stainless steel test Assemblies 5100 Lb MAWP (5)			m-3, m-8, m-11, m-12, m-13	
1/2" Brass (Coppertubing) Test Assemblies 2600 Lb MAWP (5)			m-3, m-8, m-11, m-12, m-13	
3/4" Brass (Coppertubing) Test Assemblies 1200 Lb MAWP (15)			m-1 through m-15	
1" BRASS (Coppertubing) 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,

A handwritten signature in black ink, appearing to read "Cathy Turyle", is written over the typed name.

Cathy Turyle  
Engineering Manager  
Boilers and Pressure Vessels Safety