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June 24, 2015

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

Service Request Type: BPV-Fitting Registration
Service Request No.: 1633322
Your Reference No.: N SERIES METERING VLAVES
Registered to: PARKER HANNIFIN - INSTRUMENTATION PRODUCTS DIVISION

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.: 0C10294.5R1
Main Design No.: CATALOG: 4170-MV (JUNE 2011)
Expiry Date: 24-Jun-2025

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

A stamped copy of the approved registration and invoice for engineering services will be mailed to you shortly. Should you have any questions or require further assistance, however, 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,


Zivko Gacevic P. Eng.
Mechanical Engineer, BPV
Tel.: 416-734-3429
Fax: 416-231-6183
Email: zgacevic@tssa.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 Wyszkowski, 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 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 C type fittings. In support of this application, the following information and/or test data are attached as follows:

Catalog 4170-MV, "Metering Valves", dated June 2011, Scope of Registration Renewal 0C10294.5

(drawings, calculations, test reports, etc.)

Declared before me at HUNTSVILLE in the STATE of Alabama

the 7th day of April AD 2015.

Commissioner for Oaths:

Sheri Coggan

(Printed name)

Sheri Coggan

(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 "C"

CRN: OC10294.5R1

Registered by: ZIVKO GACEVIC

Dated: JUN 24 2015

NOTE: This registration expires on: JUN 24 2025

Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety Program

REGISTERED

C.R.N.: OC10294.5R1

Signed: [Signature]

Date: JUN 24 2015

Note: See attachments for scope of registration and manufacturer's logo



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

April 6, 2015

SCOPE OF REGISTRATION RENEWAL 0C10294.5

The scope of this registration renewal are the N Series Metering Valves listed on pages 2 through 7 of Catalog 4170-MV, "Metering Valves", dated June 2011. These are the same valves and materials as were covered by the "N Series Metering Valve, Proof of Design" submitted with the original registration. The design of these valves has not changed since the original registration. A change was made to previous catalog 4170-N "Metering Valves (N Series)" dated July 2002. The contents of that catalog were incorporated in a consolidated line catalog (4170-MV. "Metering Valves") as listed above.

Fredrick Roy

Fredrick Roy, P.E.
Senior Engineer
Certifications and Registrations

April 6, 2015

Date

THIS IS PART OF
CRN 0C10294.5R1
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program



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 1 OF 6

Subject:
PRODUCT LOGO MARKING REQUIREMENTS

Parker Symbol
ID-3

GENERAL:

The following information is adapted from Parker's Corporation Communications and Identification Manual.

PRODUCT IDENTIFICATION:

It is important that Parker identification appear on the millions of components sold into the market place each year. For this reason, special versions of the Corporate Signature have been designed to accommodate difficult product marking situations. The three key variables which will govern the selection of proper identification techniques are the material on which the marking is to be applied, the surface contour, and identification area size. The order of preference for product marking usage is shown. When possible, the solid Signature should be used down to a minimum of 5/8 inch. For smaller applications, the solid Open Signature, with slightly more open space within the letterforms, should be used. The Linear Signature and the Helvetica Light Parker are approved only for especially difficult marking conditions and hard material surfaces. When the marking surface, contour or area size makes it impractical to use the complete Parker identification, a "P" may be used in order of preference shown. Critical dimensions for product identification only are provided in this section.

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CRN *OC10294.SR1*
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