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February 14, 2017

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

Service Request Type.: BPV-National BC
Service Request No.: 1974062
Your Reference No.: 2,3 & 5 valve manifold
Registered to.: PARKER HANNIFIN INSTRUMENTATION GROUP CANADA

Dear SUSAN TURNER,

Please find enclosed the original response from BC, registered under the CRN No.: 0C11191.51.

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

TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO ON M9W 6N9

Date: December 12, 2016
Account #: 35231
Journal #: 66949
Our File #: 5608684

Attn: TANYA FRANCIS

Re: Application for Design Registration

The design, as detailed in your, TSSA SR# 1974062, for a Fitting is accepted for registration as follows:

Registered To: PARKER HANNIFIN
INSTRUMENTATION GROUP
CANADA
CRN: 0C11191.51

MAWT: 538 deg F

MAWP: 10000 psig

Drawing #: 4190-FM, 4190-HV, 4190-PM

Conditions Of Registration:

Registration renewal of 2,3 & 5 Way 'H' Series Valve Manifolds, scope as noted on original stat dec.

This design was registered based on a technical review performed by the province of initial registration in accordance with the Association of Chief Inspectors policy on reciprocal recognition of design review.

Reviewer's Notes:

As required by CSA B51 4.2.1, this registration expires on October 20, 2026. This CRN is valid until the expiry date as long as the Manufacturer maintains a valid quality control program verified by an acceptable third-party agency until that date. Should the certification of the quality control program lapse before the expiry date, this registration shall become void.

Contact me if you have any questions. The invoice for registration will be forwarded under separate cover.

SHARON PETERS

boiler.designregistration@safetyauthority.ca
Design Administration

cc:



BOILERS & PRESSURE VESSELS
SAFETY DIVISION
3300 Bloor Street West
4th Floor, West Tower
Toronto, Ontario
CANADA M8X 2X4

STATUTORY DECLARATION
Registration of Fittings



I, Spencer Nicholson - Technical Manager

Of
Parker Hannifin PLC - Instrumentation Products Division Europe (IPDE)

Located at

Riverside Road, Pottington Business Park, Barnstaple, Devon, England. EX31 1NP.
Telephone: +44 1271 313131
Telefax: +44 1271 313166
Web: www.parker.com/instrumentation

THIS IS PART OF
CRN OC11191.521
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Division

THIS IS THE SCOPE, SEE THE BOTTOM NOTES

do solemnly declare that the fittings (valves) listed hereunder, which are subject to the Technical Standards and Safety Act, 2000, and Regulations for Boilers and Pressure Vessels are not covered by the provisions of a recognized North American standard. They are manufactured to comply with normal industry requirements, Parker Hannifin PLC product design standards and specifications together with relevant/applicable parts of MSS SP99, ANSI/ASME valve, pipeline and pressure vessel codes all 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 (valves) is controlled by a quality system meeting the requirements of ISO9001 (2000) which has been verified by the following authority, Lloyds Register Quality Assurance. 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:

Catalogues: 4190-PM 2 valve Manifolds, 4190-FM 3 & 5 valve Manifolds and 'H' series Needle Valve Design Verification.

Declared before me at Barnstaple in the County of Devon UK
the 7th day of December AD 20 04.

Commissioner for Oaths:

Michael Thomas O'Brien

(Printed name)

Michael T O'Brien

(Signature)

Spencer Nicholson
(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, 2000, and Regulations for Boilers and Pressure Vessels and is accepted for registration in Category C.

CRN: OC11191.5 Maximum working pressure limited at 6000psi
Registered by: Charles Dine
Dated: 2006/10/4

NOTE: This registration expires on 2016/10/4
[Revised August 24, 2001]

Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety Division

REGISTERED

CRN: OC11191.5

Signed: [Signature]

Date: 2006/10/4

Registration scope: Catalog 4190-PM (June 2002) manifolds on pages 6 to 11, Catalog 4190-FM (June 2002) manifolds on pages 8 to 11, Page 10 12, manifold 4D*3MCP on page 13, 14 to 16 and 18 to 19. Rev. 2

- SR# 1938552 - No technical changes in Catalog #'s
4190-PM and 4190-FM
Susan Turner