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July 09, 2015

CATHERINE DIPLOCK
PRESSURE VESSEL ENGINEERING LTD.
120 RANDALL DR SUITE B
WATERLOO ON N2V 1C6
CA

Service Request Type: BPV-Fitting Registration
Service Request No.: 1671196
Your Reference No.: PVE-9220
Registered to: PARKER-HANNIFIN CORPORATION

Dear CATHERINE DIPLOCK,

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

CRN No.: 0H10413.5R1
Main Design No.: SCOPE OF REGISTRATION DOC: PVEscp-9220-1 REV 0, DWG# D-19149
Expiry Date: 09-Jul-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



STATUTORY DECLARATION

Registration of Fittings

I, John D'Antonio, Engineering Manager
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Parker-Hannifin Corporation Filtration and Separation Div.
(Name of Manufacturer)

Located at 260 Neck road, Haverhill, MA 01835 USA
(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 ASME B31.3 2014 EDITION 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, DNV Business Assurance Management System Certificate.

The items covered by this declaration, for which I seek registration, are category H type fittings. In support of this application, the following information and/or test data are attached as follows:

See PVEscp-9220-1
(drawings, calculations, test reports, etc.)

Declared before me at HAVERHILL in the STATE of MASS.
 the 16th day of June AD 2015.

Commissioner for Oaths:
Karen A. Mayer
(Printed name)
Karen A. Mayer
(Signature)

John D'Antonio
(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 "H"

REGISTERED

C.R.N.: 0110913.5R1

Signed: Sacue Zub

Date: Jul. 09, 2015

CRN: 0110913.5R1

Registered by: ZIVKO GACEVIC

Dated: Jul. 09, 2015

NOTE: This registration expires on Jul. 09, 2025

PV 09553 (06/04)

Note: See attachment for scope of registration.

Scope of Registration

Parker Hannifin Corp. Filtration and Separation Division - Model No. 6000 Filter Assemblies

Document: PVEscp-9220-1 rev 0

Scope:

This submission is a re-registration of fittings using CSA B51-14 Part 1, 4.2.8(c) method.

The current registration uses the exact pressure retaining components of the previous CRN registration 0H10413.5

All calculations from previous registration are still applicable for the B31.3 2014 edition code.

Design Conditions

Design Code	ASME B31.3 2014 edition
MAWP	175 psi @ 120°F
MDMT	-20°F @ 175 psi
Corrosion Allowance	0 in
Hydrotest	263 psi @ 70°F

Main Drawing

D-19149

Assembly P/N

_6002N-0A1-BX
_6002N-0A1-DX
_6002N-0A2-DX
_6002N-0A2-BX
_6002N-0A2-000
_6004N-0A1-BX
_6004N-0A1-DX
_6004N-0A2-BX
_6004N-0A2-DX
_6004N-0A2-000
_6006N-0A1-BX
_6006N-0A1-DX
_6006N-0A2-BX
_6006N-0A2-DX
_6006N-0A2-000
_6008N-0A1-BX
_6008N-0A1-DX
_6008N-0A2-BX
_6008N-0A2-DX
_6008N-0A2-000

