9410 - 20 Ave N.W. Edmonton, Alberta, Canada T6N 0A4

Tel: (780) 437-9100 / Fax: (780) 437-7787

October 24, 2014

Attention: Catherine Diplock

PRESSURE VESSEL ENGINEERING INC.

120 RANDALL DRIVE SUITE B WATERLOO, ON N2V 1C6

The design submission, tracking number 2014-08059, originally received on October 01, 2014 was surveyed and accepted for registration as follows:

CRN:

0E05834.2

Accepted on: October 24, 2014

Reg Type:

Addition to Acc. Fitting

Expiry Date: October 24, 2024

Drawing No.: BULLETIN 1300-993C/USA

Fitting type: H SERIES FILTERS

Design registered in the name of : PARKER HANNIFIN CORP

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.

CRN renewal; Filters 1-1/4" to 3" ports(500psi@175F).

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

Enclosed are stamped prints for your reference.

Sincerely,

GRYNCHUK, MILLA





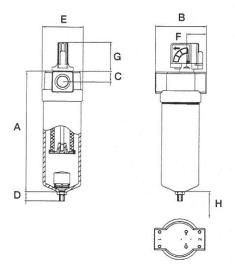
STATUTORY DECLARATION Registration of Fittings

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



I, Daniel L. Rya	n		Parker
Engineering N	Manager		
(company title, e.g. vic	e president, plant manager, chief engineer) (must be in a position of authority)	
of Parker Hannifin	n, FAF Division		
	(nam	e of manufacturer)	
located at 500 Gl	aspie Street, Oxford MI 48371 USA		
	7-	lant address)	
do solemnly declare (check one)	that the fittings listed hereunder, which	h are subject to the Safety Codes Act	
comply with	the requirements of(title of recognized	North American Standard) which specif	ies the dimensions,
materials of	construction, pressure/temperature rat	ings and identification marking of the	fittings, or
are not cover	red by the provisions of a recognized N	North American standard and are there	efore manufactured to
comply with	sound engineering practice as	supported by the attached data which	identifies the dimensions,
materials of	construction, pressure/temperature rati	ngs and the basis for such ratings, and	d the marking of the fittings
for identifica	ition.		
I further declare that	the manufacture of these fittings is con	ntrolled by a quality control program	which has been verified by th
following authority,	ISO 9001:2008	as being suitable for the manufa	acture of these fittings to the
	fittings covered by this declaration, for		
	plication, the following information, ca		
			u.
180 9001 Certificate,	Product Bulletin 1300-993C, Previou	S CKN Registration Letter	
			-
DECLARED before	me at <u>ORION TUP.</u> MI 48362 in the	County of C	Dukland
this	day of July ,	2014	1 1
(print) JAIME	T WARD	(Year) Daniel of	1 Kyan
(sign) (A Commiss	ioner for Oaths)	(Signature of A	pplicant) /
For Office Use Onl	y		
	owledge and belief, the application med is accepted for registration in Categor	ry <u>E</u>	des Act and CSA Standard
Registration Number	DE 05834.2	MILA GRYNCHIE	
		(For the Administrator/	Chief Inspector of Alberta)

Expiry Date: <u>2024-10-24</u>



1/4" to 1" Port Size Housings

Specifications

Max. Pressure: 500 PSIG (34 bar)

Safety Factor: Max. operating to burst 4:1

Max. Temp.: 175°F (79°C) with option to 450°F (232°C)

Seals: Nitrile Std./Fluorocarbon optional Materials: Aluminum - 380 Die cast heads;

6061 Drawn bowls

oatings: Chromated heads and bowls;

Powder painted exterior

Design: In-line threaded bowl to head

Note: Manual Drain Port is 1/8" FNPT when tee valve is removed from drain bushing.

Model	Α	В	С	D	E	F	G	H*	Sump (ml)	Weight
H_1S	6.80 (172)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	2.99 (76)	150	1.49 (.68)
H_15S	6.80 (172)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	2.99 (76)	150	1.47 (.66)
H_2S	6.80 (172)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	2.99 (76)	150	1.44 (.65)
H_1L	9.19 (233)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	5.51 (140)	140	1.89 (.86)
H_15L	9.19 (233)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	5.51 (140)	140	1.87 (.85)
H_2L	9.19 (233)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	5.51 (140)	140	1.85 (.84)
H_3S	10.86 (276)	4.65 (118)	.96 (24)	.79 (20)	3.68 (93.5)	1.73 (44)	2.6 (66)	6.5 (165)	270	3.56 (1.61)
H_4S	10.86 (276)	4.65 (118)	.96 (24)	.79 (20)	3.68 (93.5)	1.73 (44)	2.6 (66)	6.5 (165)	270	3.29 (1.49)
H_4L	14.36 (365)	4.65 (118)	.96 (24)	.79 (20)	3.68 (93.5)	1.73 (44)	2.6 (66)	10.00 (254)	270	
Special Note:	Dimensions are in					1.70 (44)	2.0 (00)	10.00 (254)	210	4.11 (1.86)

* Clearance required to remove bowl.



11/4" to 3" Port Size Housings

Specifications

Max. Pressure: 500 PSIG (34 bar)

Safety Factor: Max. operating to burst 4:1

Max. Temp.: 175°F (79°C) with option to 450°F (232°C)

Seals: Nitrile Std./Fluorocarbon optional
Materials: Aluminum - 356 Sand cast heads;
6061 Drawn bowls

Coatings: Chromated heads and bowls;

Powder painted exterior

Design: In-line threaded bowl to head

Note: Manual Drain Port is 1/8" FNPT when tee valve is removed from drain bushing.



Model	Α	В	C	D	E	F	G	H*	Sump (ml)	Weight
H_5S	18.23 (463)	6.0 (152)	1.65 (42)	.83 (21)	5.67 (144)	1.85 (47)	2.6 (66)	13.50 (343)	440	12.11 (5.49)
H_6S	18.23 (463)	6.0 (152)	1.65 (42)	.83 (21)	5.67 (144)	1.85 (47)	2.6 (66)	13.50 (343)	440	11.97 (5.43)
H_8E	18.23 (463)	6.0 (152)	1.65 (42)	.83 (21)	5.67 (144)	1.85 (47)	2.6 (66)	13.50 (343)	440	11.97 (5.43)
H_8S	24.23 (617)	6.0 (152)	1.65 (42)	.83 (21)	5.67 (144)	1.85 (47)	2.6 (66)	19.25 (489)	530	14.00 (6.35)
H_8L	29.23 (742)	6.0 (152)	1.65 (42)	.83 (21)	5.67 (144)	1.85 (47)	2.6 (66)	24.02 (610)	620	15.99 (7.25)
H_OL	35.70 (907)	8.0 (203)	2.4 (61)	.83 (21)	7.24 (184)	2.36 (60)	2.6 (66)	28.50 (724)	880	35.00 (15.87)
H_12L	35.70 (907)	8.0 (203)	2.4 (61)	.83 (21)	7.24 (184)	2.36 (60)	2.6 (66)	28.50 (724)	880	34.14 (15.48)

* Clearance required to remove bowl.



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

June 30, 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.: 1566328 Your Reference No.: PVE-8336

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.:

0E05834.25R2

Main Design No.:

H SERIES FILTERS 1-1/4 TO 3" PORTS

Expiry Date: 24-Oct-2024

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

Note:

Renewal of CRN

H Series Filters 1 1/4" to 3" ports (500 psi @ 175 F)

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. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Norman Ngai, P. Eng. Mechanical Engineer BPV

Norman Ngr.

Tel.: 416-734-3557 Fax: 416-231-6183 Email: nngai@tssa.org

www.tssa.org



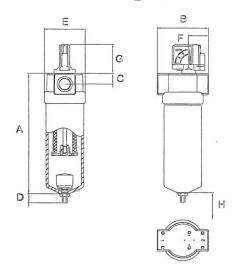
TECHNICAL STANDARDS & SAFETY AUTHORITY

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

STATUTORY DECLARATION

Registration of Fittings										
I, Daniel L. Ryan Engineering Manager										
(Name and Position, e.g. President, Plant Manager, Chief Engineer)										
of Parker Hannifin										
(Name of Manufacturer)										
Located at _500 c	Glaspie Street, Oxford MI 48371 USA 2	48-236-8234	248-628-1850							
	(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									
which specifies	(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 Sound Engineering Practice 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										
	(drawings, calculations, test reports, etc.)									
Declared before m		te	of Machaga							
the / 5 //	day of JUNUO M AD 20/5.									
Aller	Brenda L. Ward Notary Public, State Of Mile Printed name) My Commission Expires Februa	ry 10, 2019	1 Ryun							
	(Signature)	(Signature o	f Declarer)							
Technical Standard	FOR OFFICE USE ONLY owledge and belief, the application meets the requirements of the is and Safety Act, Boilers and Pressure Vessels Regulation, and and is accepted for registration in Category	Standards and Safety Authority	Boilers and Pressure Vessels Safety Program							
CRN:	0E05834:25 R2		STERED							
Registered by:	NORMAN NGAI	C.R.N.: 0E0	5834.25R2							
Dated:	JUN. 30, 2015	Signed: Non	man Ngc							
NOTE: This regist	tration expires on OCT. 24, 2024.	Date: JUN.	30, 2015							



1/4" to 1" Port Size Housings

Specifications

Max. Pressure: 500 PSIG (34 bar)

Safety Factor: Max. operating to burst 4:1

Max. Temp.: 175°F (79°C) with option to 450°F (232°C)

Seals: Nitrile Std./Fluorocarbon optional Materials: Aluminum - 380 Die cast heads;

6061 Drawn bowls S IS PART OF

Chromated heads and bowls: NOE05834.25 R2

Design: In-line threaded bowl to headechnical Standards & Safety Authority

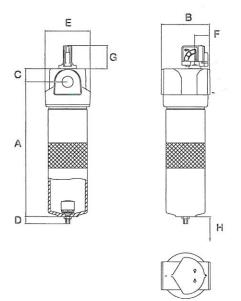
Note: Manual Drain Port is 1/8" FNPT when tee valve is removed from drain bushing.

Boilers & Pressure Vessels Safety

Model	Α	В	С	D	E	F	G	H*	Sump (ml)	Weight
H_1S	6.80 (172)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	2.99 (76)	150	1.49 (.68)
H_15S	6.80 (172)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	2.99 (76)	150	1.47 (.66)
H_2S	6.80 (172)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	2.99 (76)	150	1.44 (.65)
H_1L	9.19 (233)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	5.51 (140)	140	1.89 (.86)
H_15L	9.19 (233)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	5.51 (140)	140	1.87 (.85)
H_2L	9.19 (233)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	5.51 (140)	140	1.85 (.84)
H_3S	10.86 (276)	4.65 (118)	.96 (24)	.79 (20)	3.68 (93.5)	1.73 (44)	2.6 (66)	6.5 (165)	270	3.56 (1.61)
H_4S	10.86 (276)	4.65 (118)	.96 (24)	.79 (20)	3.68 (93.5)	1.73 (44)	2.6 (66)	6.5 (165)	270	3.29 (1.49)
H_4L	14.36 (365)	4.65 (118)	.96 (24)	.79 (20)	3.68 (93.5)	1.73 (44)	2.6 (66)	10.00 (254)	270	4.11 (1.86)
O '-! NI-!-	D'				0.41					

Special Note: Dimensions are in inches (millimeters); weight is in pounds (kilograms).

^{*} Clearance required to remove bowl.



11/4" to 3" Port Size Housings

Specifications

Max. Pressure: 500 PSIG (34 bar)

Safety Factor: Max. operating to burst 4:1

Max. Temp.: 175°F (79°C) with option to 450°F (232°C)

Seals: Nitrile Std./Fluorocarbon optional Materials: Aluminum - 356 Sand cast heads:

JUN. 25, 2015

6061 Drawn bowls

Coatings: Chromated heads and bowls;

Powder painted exterior

Design: In-line threaded bowl to head

Note: Manual Drain Port is 1/8" FNPT when tee valve is removed from drain bushing.

Model	Α	В	С	D	E	F	G	H*	Sump (ml)	Weight	
H_5S	18.23 (463)	6.0 (152)	1.65 (42)	.83 (21)	5.67 (144)	1.85 (47)	2.6 (66)	13.50 (343)	440	12.11 (5.49)	
H_6S	18.23 (463)	6.0 (152)	1.65 (42)	.83 (21)	5.67 (144)	1.85 (47)	2.6 (66)	13.50 (343)	440	11.97 (5.43)	
H_8E	18.23 (463)	6.0 (152)	1.65 (42)	.83 (21)	5.67 (144)	1.85 (47)	2.6 (66)	13.50 (343)	440	11.97 (5.43)	
H_8S	24.23 (617)	6.0 (152)	1.65 (42)	.83 (21)	5.67 (144)	1.85 (47)	2.6 (66)	19.25 (489)	530	14.00 (6.35)	
H_8L	29.23 (742)	6.0 (152)	1.65 (42)	.83 (21)	5.67 (144)	1.85 (47)	2.6 (66)	24.02 (610)	620	15.99 (7.25)	
H_OL	35.70 (907)	8.0 (203)	2.4 (61)	.83 (21)	7.24 (184)	2.36 (60)	2.6 (66)	28.50 (724)	880	35.00 (15.87)	
H_12L	35.70 (907)	8.0 (203)	2.4 (61)	.83 (21)	7.24 (184)	2.36 (60)	2.6 (66)	28.50 (724)	880	34.14 (15.48)	
Special Note:	Special Note: Dimensions are in inches (millimeters); weight is in pounds (kilograms).										

* Clearance required to remove bowl.



Inspection and Technical Services Manitoba

500 - 401 York Avenue Winnipeg Manitoba R3C 0P8 T (204) 945-3373 F (204) 948-2309

www.firecomm.gov.mb.ca/codes_steam_pressure.html

30 March 2015

Pressure Vessel Engineering 120 Randall Dr. Suite B Waterloo, ON N2V 1C6

Attn: Catherine Diplock

REGISTRATION OF VALVES AND FITTINGS

Manufacturer: PARKER HANNIFIN CORP.

The design(s) for the following Valves/Fittings has been received by us and has been examined and accepted for registration in the Province of Manitoba as follows.

DRAWING / CATALOGUE	CRN	FILE
Bulletin: 1300-993C/USA	0E05834.24	34986

An invoice covering survey and registration fees is enclosed.

NOTE: CRN registered under reciprocal agreement & is conditional based on compliance with the notes set by the original issuing Jurisdiction: **ABSA**. See "This is part of CRN" for scope of registration. This registration expires **October 24, 2025**.

This registration is valid 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.

The registration of this design does not relieve the manufacturer, the owner or his agent of the responsibility for the design or construction of a fitting in accordance with the applicable Acts, Codes and Standards. Inspection and Technical Services assumes no responsibility by registering designs, examining plans and/or inspecting equipment or facility.

Yours truly,

Rvan Orlesky, C.E.T.

Design Surveyor

Office of the Fire Commissioner

Inspection and Technical Services Manitoba

500 - 401 York Avenue

Winnipeg, Manitoba, R3C 0P8

Phone: 204-945-3373

Email: ryan.orlesky@gov.mb.ca

MANITOBA

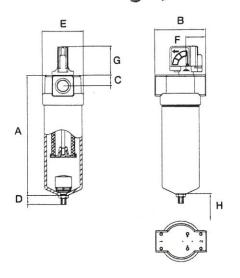
AND IMMIGRATION 500 - 401 York Avenue Winnipeg, Manitoba R3C 0P8



STATUTORY DECLARATION REGISTRATION OF FITTINGS

(a) Design Qualification
1 Daniel L. Ryan
(See Note 2)
Engineering Manager
(Position e.g.: president, plant manager, chief eng.)
of Parker Hannifin
(Name of company)
located at 500 Glaspie Street, Oxford MI 48371 USA
(Plant Address)
do solemnly declare that the fittings listed hereunder, which are subject to the Boilers & Pressure Vessels Act,
comply with all the requirements of the ANSI/ASME codes as to their dimensions. or
are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with Sound Engineering Practice code or standard, and are designed to the best current engineering practice, as shown by the supporting test data.
(b) Quality Control of Manufacture
In support of the application, the following information, calculations and/or test data are attached:
ISO 9001 Certificate, Product Bulletin 1300-933C, Proof Test
Declared before me at 540 N-La seen in the province/state of Michigan day of January AD 2013 Brenda L. Ward Nordry Public, State Of Michigan A (commissioner for oaths)
Att A A County Of Oakland 10. 2019 Signature of Declarer
(For Official Use Only) The application is accepted for registration in Category in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51.
This registration must be revalidated after ten (10) years from the date of acceptance.
EXP: OCT 24, 2024
Registered Number CRN ØE Ø 5834.24 For the Chief Inspector
Date: MAKCH 30, 2015

- (1) This form shall be completed and signed by the president or highest official in the manufacturing plant where the fitting is produced.
- (2) <u>Two</u> completed copies of Statutory Declaration form together with <u>two</u> copies of Catalogs, drawings or Bulletins illustrating above fittings shall be submitted.
 (3) All fittings are required to be registered in the name of the Manufacturer.



1/4" to 1" Port Size Housings

Specifications

Max. Pressure: 500 PSIG (34 bar)

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Max. Temp.: 175°F (79°C) with option to 450°F (232°C)

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6061 Drawn bowls

Coatings: Chromated heads and bowls;

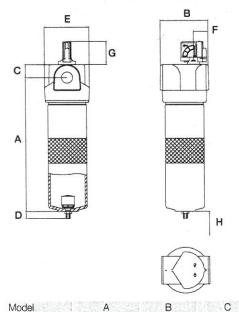
Powder painted exterior

Design: In-line threaded bowl to head

Note: Manual Drain Port is 1/8" FNPT when tee valve is removed from drain bushing.

Model	Α	В	С	D	E	F # 50	G	H*	Sump (ml)	Weight
H_1S	6.80 (172)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	2.99 (76)	150	1.49 (.68)
H_15S	6.80 (172)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	2.99 (76)	150	1.47 (.66)
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H_15L	9.19 (233)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	5.51 (140)	140	1.87 (.85)
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H_3S	10.86 (276)	4.65 (118)	.96 (24)	.79 (20)	3.68 (93.5)	1.73 (44)	2.6 (66)	6.5 (165)	270	3.56 (1.61)
H_4S	10.86 (276)	4.65 (118)	.96 (24)	.79 (20)	3.68 (93.5)	1.73 (44)	2.6 (66)	6.5 (165)	270	3.29 (1.49)
H_4L	14.36 (365)	4.65 (118)	.96 (24)	.79 (20)	3.68 (93.5)	1.73 (44)	2.6 (66)	10.00 (254)	270	4.11 (1.86)
Special Note:	Dimensions are in	n inches (millim	eters); weight	is in pounds ((kilograms).					

Clearance required to remove bowl.



11/4" to 3" Port Size Housings

Specifications

Max. Pressure: 500 PSIG (34 bar)

Safety Factor: Max. operating to burst 4:1

Max. Temp.: 175°F (79°C) with option to 450°F (232°C)

Seals: Nitrile Std./Fluorocarbon optional

Materials: Aluminum - 356 Sand cast heads

6061 Drawn bowls

Coatings: Chromated heads and bowls;

Powder painted exterior

Design: In-line threaded bowl to head

Note: Manual Drain Port is 1/8" FNPT when tee valve is removed from drain bushing.

2.36 (60)



2.6 (66)

28.50 (724)

8.0 (203) Special Note: Dimensions are in inches (millimeters); weight is in pounds (kilograms).

6.0 (152)

6.0 (152)

6.0 (152)

6.0 (152)

6.0 (152)

8.0 (203)

1.65 (42)

1.65 (42)

1.65 (42)

1.65 (42)

1.65 (42)

2.4 (61)

2.4 (61)

.83 (21)

7.24 (184)

18.23 (463)

18.23 (463)

18.23 (463)

24.23 (617)

29.23 (742)

35.70 (907)

35.70 (907)

H_5S

H 6S

H_8E

H_8S

H_8L

H OL

34.14 (15.48)

^{*} Clearance required to remove bowl.



2202 2nd Avenue Regina, SK S4R 1K3 Canada (306) 787-1443 info@tsask.ca www.tsask.ca

REGISTRATION OF FITTING DESIGN

Wednesday, March 11, 2015

Pressure Vessel Engineering 120 Randall Drive, Suite B Waterloo, Ontario N2V 1C6

ATTENTION:

Catherine Diplock

File Number: 9677 [

0 F]

With reference to your submission respecting the registration of the item below, for legal use in the province, please note we have surveyed and registered this design in accordance with The Boiler and Pressure Vessel Act.

MANUFACTURER:	Parker Hannifin Corporation
CATALOG OR DRAWING: Bullet	tin 1300-993C/USA
ITEM: H Series Filters: 1-1/4" to	o 3" ports CRN : OE05834.23

We wish to point out that every fitting must be constructed strictly in accordance with the registered design.

Fitting registrations are required to be resubmitted for validation after ten (10) years from the registration date in accordance with CSA B51, Clause 4.2.1. The date of expiry for this registration is **October 24, 2024**

Sincerely,

Athan Syrgiannis, Engineer-in-Training

Codes and Standards Compliance

REMARKS: CRN registered under reciprocal agreement.

CRN renewal.



2202 2nd Ave. Regina, SK S4R 1K3 PH: (306)798-7112 Toll Free: (866)530-8599 FAX: (306)787-9273 Toll Free: (866)760-9255 Email: boilerpermits@tsask.ca Website: www,tsask.ca

Statutory Declaration (Registration of Filings)

TSK-1008

I. Declaration Informa	ation								
of: Parker Hannifin									
	(name of manufacturer)	· · · · · · · · · · · · · · · · · · ·							
located at: 500 Glaspie St	reet, Oxford MI 48371 USA - Ant/Street)	(City,Prov)	(Postal Code)						
do solemnly declare that the fittings listed hereinunder, which are subject to the Saskatchewan Boiler and Pressure Vessel Safety Act (check one)									
O Comply with the requ			n 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									
	nd Engineering Practice		as supported by the attached						
	the dimensions, materials the marking of the fittings	of construction, pressure / temper for identification.	erature ratings and the basis						
I further declare that the ma	nufacturer of these fittings	is controlled by a quality control	program which has been						
verified by the following aut	nority, Det Norske Veritas		suitable for the manufacturer						
In support of this application ISO 9001 Certificate, Product Bulle		n, calculations and / or test data a	re attached:						
II. Declaration									
DECLARED before me at	540 N 1 0 000 bole 1	n the State	of Medican						
this 137h day of internal day	Any and Oran Oran Notary Pub Cour On Grant Court	enda L. Ward lic, State Of Michilage Innature) try Of Oakland Expires February 10, 2019	Rym						
(Signature of Commissioner of Oa	ins)								
III. Office Use Only To the best of my knowledge a CSA B51, Clause 4.2, and is a			ad Pressure Vessel Safety Act and						
(Registration Number)	CRNOE05834.23	(Date Registered – MM DD YYYY) (For the Administrator / Chief Inspector)	(Expiry Date – MM DD YYYY)						
	File 9677								

REGISTERED

Date Mar. 11, 2015

Design Survey Office



Pressure Vessel Engineering 120 Randall Dr., Suite B, Waterloo ON, Canada, N2V 1C6 Phone: 519-880-9808 Web: www.pveng.com



OE05834.23



505 - 6th Street, Suite 200 New Westminster, BC V3L 0E1

> Toll Free: 1-866-566-SAFE Fax: (778) 396 - 2064 www.safetyauthority.ca

PRESSURE VESSEL ENGINEERING B-120 RANDALL DRIVE WATERLOO ON N2V 1C6 Date: February 6, 2015

Account #: 45363 Journal #: 61644 Our File #: 5527905

Attn: CATHERINE DIPLOCK

Re: Application for Design Registration

The design, as detailed in your, PVE-8336, for a Fitting is accepted for registration as follows:

Registered To: PARKER HANNIFIN CORPORATIOI CRN: 0E05834.21

MDMT: -20 deg F

MAWT: 450 deg F

MAWP: 500 psig

Drawing #: 41283 etc.

Conditions Of Registration:

Registration addition to H-Series Filters, 1- 1/4" to 3" Ports.

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 24, 2024. 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.

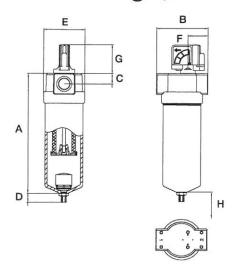
Contact me if you have any questions. The invoice for registration will be forwarded under separate cover.

SHARON PETERS

boiler.designregistration@safetyauthority.ca Design Administration

cc:

(PROD) 30400-20 GST #: 87391 2802 RT0001



1/4" to 1" Port Size Housings

Specifications

Max. Pressure: 500 PSIG (34 bar)

Safety Factor: Max. operating to burst 4:1

Max. Temp.: 175°F (79°C) with option to 450°F (232°C)

Seals: Nitrile Std./Fluorocarbon optional Materials: Aluminum - 380 Die cast heads;

6061 Drawn bowls

Coatings: Chromated heads and bowls;

Powder painted exterior

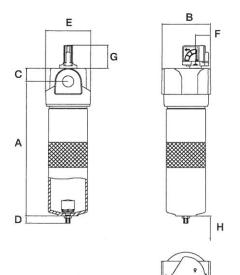
Design: In-line threaded bowl to head

Note: Manual Drain Port is 1/8" FNPT when tee valve is removed from drain bushing.

Model	Α	В	C	D	E	F	G	H*	Sump (ml)	Weight
H_1S	6.80 (172)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	2.99 (76)	150	1.49 (.68)
H_15S	6.80 (172)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	2.99 (76)	150	1.47 (.66)
H_2S	6.80 (172)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	2.99 (76)	150	1.44 (.65)
H_1L	9.19 (233)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	5.51 (140)	140	1.89 (.86)
H_15L	9.19 (233)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	5.51 (140)	140	1.87 (.85)
H_2L	9.19 (233)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	5.51 (140)	140	1.85 (.84)
H_3S	10.86 (276)	4.65 (118)	.96 (24)	.79 (20)	3.68 (93.5)	1.73 (44)	2.6 (66)	6.5 (165)	270	3.56 (1.61)
H_4S	10.86 (276)	4.65 (118)	.96 (24)	.79 (20)	3.68 (93.5)	1.73 (44)	2.6 (66)	6.5 (165)	270	3.29 (1.49)
H_4L	14.36 (365)	4.65 (118)	.96 (24)	.79 (20)	3.68 (93.5)	1.73 (44)	2.6 (66)	10.00 (254)	270	4.11 (1.86)
Special Note:	Dimensions are i	n inches (millime	store). weight	ie in nounde	(kilograme)					

Special Note: Dimensions are in inches (millimeters); weight is in pounds (kilograms).

^{*} Clearance required to remove bowl.



11/4" to 3" Port Size Housings

Specifications

Max. Pressure: 500 PSIG (34 bar)

Safety Factor: Max. operating to burst 4:1

Max. Temp.: 175°F (79°C) with option to 450°F Seals: Nitrile Std./Fluorocarbon optional

Materials: Aluminum - 356 Sand cast heads;

6061 Drawn bowls

Coatings: Chromated heads and bowls;

Powder painted exterior

Design: In-line threaded bowl to head

Note: Manual Drain Port is 1/8" FNPT when tee valve is removed from drain bushing.

F	Technical Safety Authority 232 of Saskatchewan 286 let & P.V. Safety Unit
	AE OC 874 72
	CRN OEOS 834.23
	File 9677
	REGISTERED
	Date Mar. 11, 2015
1	Design Survey Office

Model	Α	В	C	D	E	F	G	H*	Sump (ml)	Weight
H_5S	18.23 (463)	6.0 (152)	1.65 (42)	.83 (21)	5.67 (144)	1.85 (47)	2.6 (66)	13.50 (343)	440	12.11 (5.49)
H_6S	18.23 (463)	6.0 (152)	1.65 (42)	.83 (21)	5.67 (144)	1.85 (47)	2.6 (66)	13.50 (343)	440	11.97 (5.43)
H_8E	18.23 (463)	6.0 (152)	1.65 (42)	.83 (21)	5.67 (144)	1.85 (47)	2.6 (66)	13.50 (343)	440	11.97 (5.43)
H_8S	24.23 (617)	6.0 (152)	1.65 (42)	.83 (21)	5.67 (144)	1.85 (47)	2.6 (66)	19.25 (489)	530	14.00 (6.35)
H_8L	29.23 (742)	6.0 (152)	1.65 (42)	.83 (21)	5.67 (144)	1.85 (47)	2.6 (66)	24.02 (610)	620	15.99 (7.25)
H_OL	35.70 (907)	8.0 (203)	2.4 (61)	.83 (21)	7.24 (184)	2.36 (60)	2.6 (66)	28.50 (724)	880	35.00 (15.87)
H_12L	35.70 (907)	8.0 (203)	2.4 (61)	.83 (21)	7.24 (184)	2.36 (60)	2.6 (66)	28.50 (724)	880	34.14 (15.48)
Special Note:	Dimensions are in	inches (millim	eters) weight is	s in nounds (k	ilograms)					

^{*} Clearance required to remove bowl.



Le 30 avril 2015.

MRS. CATHERINE DIPLOCK
PRESSURE VESSEL ENGINEERING LTD
120 RANDAL DR., SUITE B
WATERLOO ONTARIO
CANADA N2V 1C6

REFERENCE: C.R.N. application

BULLETIN 1300-993C/USA

PVE-8336

H-SERIES FILTERS 1 1/4" TO 3" PORTS

OUR REFERENCE: 958016

MANUFACTURER: PARKER HANNIFIN CORPORATION -

500 GLASPIE STREET OXFORD MICHIGAN

U.S.A. 48371

Dear Madam,

According to our law respecting pressure vessels, your plans have been accepted and registered under the number 0E05834.26.

GILLES BONNIER

75 for

Inspecteur

Service de l'inspection de la fabrication d'appareils sous pression 545, boulevard Crémazie est, 7 ème étage Montréal (Québec) Canada H2M 2V2

Téléphone: (514) 873-6459 Sans frais: 1 866 262-2084 Télécopieur: (514) 873-9936



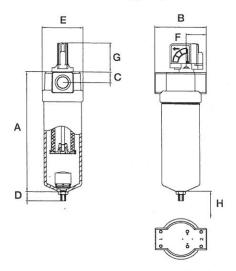
Statutory Declaration Registration of Fittings

(a) Design Qualification
I ¹ Daniel L. Ryan
Engineering Manager (Position eq. president, plant manager, chief eng.)
Of Parker Hannifin (name of company)
Located at 500 Glaspie Street, Oxford MI 48371 USA (plant address)
do solemnly declare that the fittings listed hereunder, which are subject to the Boilers & Pressure Vessels Act:
comply with all the requirements of the ANSI/ASME codes as to their dimensions, material, identification & service for which are required: Or
Sound Engineering Practic
are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with code and standard, and are designed to the best current engineering practice, as shown by the supporting test data.
(b) Quality control of Manufacture I further declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of ISO 9001:2008, and has been verified by the following authority or authorized agency
Declared before me at 540 V. Lapeer Lane Orian, In the of State of Michigan County Of Oakland The 3dd Day of January Alloward All
For Official Use Only
The application is accepted for registration in Category in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51.
This registration must be revalidated after ten (10) years from the date of acceptance.
Registered Number CRN 26 For the Chief Inspector Date 29 AVR, 2015

Three completed copied of Statutory Declaration form together with three copies of Catalogs, drawings of Bulletins illustrating above fittings shall be submitted.

All fittings are required to be registered in the name of the Manufacturer.

This form shall be completed and signed by the president of highest official in the manufacturing plan where the fitting is produced.



1/4" to 1" Port Size Housings

Specifications

Max. Pressure: 500 PSIG (34 bar)

Safety Factor: Max. operating to burst 4:1

Max. Temp.: 175°F (79°C) with option to 450°F (232°C)

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6061 Drawn bowls

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Powder painted exterior

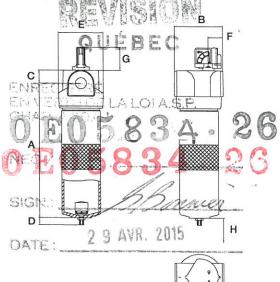
Design: In-line threaded bowl to head

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Special Note:	Dimensions are i	in inches (millime	eters), weight	is in nounds			(/	(/	2.0	(1.00)

Special Note: Dimensions are in inches (millimeters); weight is in pounds (kilograms

* Clearance required to remove bowl.



11/4" to 3" Port Size Housings

Specifications

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H_OL	35.70 (907)	8.0 (203)	2.4 (61)	.83 (21)	7.24 (184)	2.36 (60)	2.6 (66)	28.50 (724)	880	35.00 (15.87)
H_12L	35.70 (907)	8.0 (203)	2.4 (61)	.83 (21)	7.24 (184)	2.36 (60)	2.6 (66)	28.50 (724)	880	34.14 (15.48)
Special Note: I	Dimensions are in	inches (millim	eters); weight	is in pounds (k	ilograms).			1		()

* Clearance required to remove bowl.

at a maximum interval of five (5) years.

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BIRUNSWICK NUNAVUT
MANUFACTURER

NOVA SCOTIA

PRINCE EDWARD ISLAND

NEWFOUNDLAND AND LABRADOR

BOILER/PRESSURE VESSEL BRANCH Sect. 1.0 - Filtings Rev. 1 06/2003

TOKON NORTHWES	ST TERRITORIES	
MANUFACTURERS NAME: Parker Hannifin		
MANUFACTURERS ADDRESS: 500 Glasple Street, Oxford MI 48371 USA		
PLANT LOCATIONS:		
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE C	ATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
A Pipa fittings, including couplings, teas, elbows, Ys, plugs, unions, pipe caps B Flanges: all flanges C Valves: all line valves D Expansion joints, flaxible connections, and hose assemblies: all types E Strainers, filters, separators, and alearn traps F Measuring devices, including pressure gauges, level gauges, sight glasses,	i, or reducers	Sound Engineering Practice
pressure transmitters G. Certified capacity-rated pressure relief devices acceptable as primary over bollers, pressure vessels, piping and fusible plugs. H. Pressure retaining components that do not fall into one of the above category.	pressure protection on	
N Nuclear components: Class 1 🗆 Class 2 🗀 Class 3 🗀, (Meeting CNSC		1
SHOW MANUFACTURERS NAME. TRADEMARK, OR LOGO AS IT WILL A Parker	PPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION FORGED W WELDED TO WNOUGHT CO CAST TO OTHER CO DESCRIBE OTHER:
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE	ACTUAL ITEMS TO BE RE	GISTERED:
ISO 9001 Certificate, Product Bulletin 1300-933C, Proof Test		-
H-Series 1-1/4" to 3" Ports		
,		
DECLARATION: I Daniel L Ryan responsibility for the quality of the end product do solemnly declare the my knowledge represents the product for which registration is sought temperature ratings, and identification markings are in accordance with manufacture of these fittings is regulated by a Quality Control Program or in part and has been verified by Det Norske Veritas declaration conscientiously believing it to be true, and knowing that it signature of Declarer: Declared before me at 540. When year, AD Amanual Applications are the product of the product of the program of Declarer. This 13 M day of Anythan year.	at the information contains The dimensions, materia th the herein named stand which extends to each p as being suitable for th is of the same force and e	Is of construction, prossure ards. I further declare that the lant where fabrication occurs in whole nat purpose and I make this solemn frect as if made under oath. Ida L. Ward
Commissioner of Oaths or Notary Public: (sign)	My Commission E	spires February 10, 2010
This space for Reguli This registration must be revalidated after te		of 2000012000
OFOSDAY A NDDA	AC	CEPTED
CRN: 0E05834,2 ADD3	PROVINCE OF P	unce edward Island I, labour & Justice
FID#: 2072	MATKONMEN	i, Labour & Justice
Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the and product.	DATE:	Fel 5 (5) SERVICES SECTION
4. Quality control programs shall be resubmitted for validation		SIDE VESSEL RDANCH

NEW BRUNSWICK
ALL PARANCE TO

at a maximum interval of five (5) years.

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME: P	arker Hannifin		
MANUFACTURERS ADDRESS	500 Glasple Street, Oxfor	d MI 48371 USA	
PLANT LOCATIONS:			
CATEGORY OF FITT	NGS TO BE REGISTERED	D. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
A Pipa fillings, including coupling Flanges: all flanges C Valves: all line valves D Expansion joints, flexible con E Strainers, filters, separators, F Measuring devices, including	nections, and hose assemb	alles: all types	Sound Engineering Practice
H Pressure retaining component	oing and fusible plugs nts that do not fail into one :		
), (Meeting CNSC or ASME requirements)	
SHOYY MANUFACTURERS NA	ME, TRADEMARK, OR LO	COASIT WILL APPEAR ON THE PRODUC	T IYPE OF CONSTRUCTION FORGED & WELDED & WROUGHT CAST ## OTHER DESCRIBE OTHER:
LIST OF SUPPORTING DOCL	MENTATION AND IDENT	FICATION OF THE ACTUAL ITEMS TO BE	REGISTERED:
ISO 9001 Certificate, Produc	t Bulletin 1300-933C, Proof	Test	
H-Series 1-1/4" to 3" Ports			
my knowledge represents the temperature ratings, and ide manufacture of these fittings or in part and has been veri	of the end product do so se product for which region iffication markings are a is regulated by a Qualified by Det Norske Veritabelleving it to be true, and the second of	olemniy declare that the information conta stration is sought. The dimensions, mate in accordance with the herein named staty Control Program which extends to each as being suitable found knowing that it is of the same force and Notary Pu O Good My Commitssion	riais of construction, pressure ndards. I further declare that the n plant where fabrication occurs in whole r that purpose and I make this solemn d effect as if made under oath.
Th		his space for Regulatory Authority use evalidated after ten (10) years from his d	ata of acceptance
CRN: 0E05834, FID#: 2072		Date Feb. 6 C.R.N. OEO5834	15
Notes: 1. All fittings shall be regist 2. Each category shall be s forms and one copy of supp 3. The declaration shall be responsibility for the quality 4. Quality control programs	supported with two Statutory ording documentation. made by the person having of the and product.	nufacturer. Declaration Signed Lof Part	Perry

Sect. 1.0 - Fittings Rav. 1 06/2003

MANUFACTURERS NAME: P MANUFACTURERS ADDRESS PLANT LOCATIONS:		PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
	Parker Hannifin		
PLANT LOCATIONS:	500 Glaspie Street, Oxfor	^{-d} MI 48371 USA	
CATEGORY OF FITT	INGS TO BE REGISTERED	D. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including coupling B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible cor E Strainers, filters, separators, F Measuring devices, including pressure transmitters G Certified capacity-rated pres boilers, pressure vessels, pi	nnections, and hose assemb and steam traps pressure gauges, level gau sure relief devices acceptab	olies: all types	Sound Engineering Practice
H Pressure retaining compone	nts that do not fall into one		
		(Meeting CNSC or ASME requirements)	
SHOW MANUFACTURERS NA	ME, TRADEMARK, OR LO	GO AS IT WILL APPEAR ON THE PRODUC	
¥		orker	FORGED WELDED XI WROUGHT ID CAST XI OTHER ID DESCRIBE OTHER:
LIST OF SUPPORTING DOCU	MENTATION AND IDENT	FICATION OF THE ACTUAL ITEMS TO BE	REGISTERED:
ISO 9001 Certificate, Produc	t Bulletin 1300-933C, Proof	Test	
H-Series 1-1/4" to 3" Ports			
my knowledge represents the temperature ratings, and ide manufacture of these fittings or in part and has been verified.	of the end product do solve product for which regisentification markings are is regulated by a Quality fied by Det Norske Verita	lemnly declare that the information conta stration is sought. The dimensions, mate in accordance with the herein named sta y Control Program which extends to each as being suitable fo	andards. I further declare that the h plant where fabrication occurs in whole or that purpose and I make this solemn
Signature of Declarer: 5 Declared before me at 5 This 137h day of	40 N Lapson,	Later Prise THB Notary Pu	d effect as if made under oath. srenda L. Ward blic, State of Michigan Linty Of Oakland
Signature of Declarer: Declared before me at	40 N Lapson, anuary AD	Later Prise THB Notary Pu	Grenda L. Ward Julic, Slate of Michigan Julic of Ogsland Julic Stephony, 1922019 Julic Stephony, 1922019
Signature of Declarer: Declared before me at This 1371 day of Commissioner of Oaths or Notary Public: (sign)	There I Th	Later Prise THB Notary Pu	Strenda L. Ward Julic, Slate Projecting an Julic, Slate Projecting an Julic Street Company of Operation of Street Company of Compan
Signature of Declarer: Declared before me at This 1371 day of Commissioner of Oaths or Notary Public: (sign)	Thus I sis registration must be re	MFUSETHB Notary Pu O Go My Commission Mission Space for Regulatory Authority use evalidated after ten (10) years from the dis-	STEPHON PUBLIC SAFETY ER PRESSURE VESSEL ACT ate of acceptance. REGISTRATION ONLY
Signature of Declarer: Declared before me at This 1370 day of Commissioner of Oaths or Notary Public: (sign) Th	Thus I sis registration must be re	MFUSETHB Notary Pu O Go My Commission ins space for Regulatory Authority use evalidated after ten (10) years from the do	Strenda L. Ward Julic, Slate Projecting an Julic, Slate Projecting an Julic Street Company of Option of Street Company of Option of Street Company of Stree

NEW BRUNSWICK NUNAVUT NOVA SCOTIA YUKON PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: Parker Hannifin	
MANUFACTURERS ADDRESS: 500 Glasple Street, Oxford MI 48371 USA	
PLANT LOCATIONS:	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 □ Class 2 □ Class 3 □, (Meeting CNSC or ASME requirements)	Sound Engineering Practice
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION
-Parker	FORGED SI WELDED SO WROUGHT CI CAST SO OTHER CI DESCRIBE OTHER:
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE RE	GISTERED:
ISO 9001 Certificate, Product Bulletin 1300-933C, Proof Test	
H-Series 1-1/4" to 3" Ports	
÷	
responsibility for the quality of the end product do solemnly declare that the information contains my knowledge represents the product for which registration is sought. The dimensions, material temperature ratings, and identification markings are in accordance with the herein named stand manufacture of these fittings is regulated by a Quality Control Program which extends to each por in part and has been verified by Det Norske Veritas as being suitable for the declaration conscientiously believing it to be true, and knowing that it is of the same force and extended to be sam	als of construction, pressure lards. I further declare that the plant where fabrication occurs in whole that nurgose and I make this soloms
This space for Regulatory Authority use	
This registration must be revailedated after ten (10) years from the date	of acceptance.
CRN: OE05834,2 ADD3	Newforth of and
FID#: 2072	Labrador Service NL
Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	Registered OE 05 134. 20 App. 3 Date 15 02 06 Engineering and inspection Services Registered by 15 02 06 UNDER THE AUTHORITY OF THE FUBLIC SAFETY AT A P.D. THE BOSECH TO ENGINEER TO SERVICE SELL AND COMPRESSED CAN PROJECT THE PUBLIC SAFETY AT A P.D. THE BOSECH TO ENGINEER TO SERVICE SELL AND COMPRESSED CAN PROJECT THE P.D. THE BOSECH TO SERVICE SELL AND COMPRESSED CAN PROJECT THE P.D. TH

NEW BRUNSWICK NUNAVUT

NOVA SCOTIA YUKON

PRINCE EDWARD ISLAND NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS ADDRESS: 500 Glaspie Street, Oxford MI 48371 USA	
PLANT LOCATIONS:	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters	Sound Engineering Practice
G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs. H Pressure retaining components that do not fall into one of the above categories.	
N Nuclear components: Class 1 □ Class 2 □ Class 3 □, (Meeting CNSC or ASME requirements)	
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT	LYPE OF CONSTRUCTION
-2arker	FORGED X) WELDED X) WROUGHT CAST X) OTHER CORRESCRIBE OTHER:
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE RE	GISTERED:
ISO 9001 Certificate, Product Bulletin 1300-933C, Proof Test	
H-Series 1-1/4" to 3" Ports	
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my knowledge represents the product for which registration is sought. The dimensions, material temperature ratings, and identification markings are in accordance with the herein named stands manufacture of these fittings is regulated by a Quality Control Program which extends to each por in part and has been verified byDet Norske Veritas as being suitable for the declaration conscientiously believing it to be true, and knowing that it is of the same force and e Signature of Declarer:	is of construction, pressure ards. I further declare that the lant where fabrication occurs in whole
This 13 m day of January Ap - 20 A Notary Public	da L. Ward ., slate Of Michigan y Of Oakland apires February 10, 2019
This 13 Th day of Tanutary AD 30 AD My Commissioner of Oaths or Notary Public: (sign) This space for Regulatory Authority use	slaie Of Michigan y Of Opkland of the spires February 10, 2019
This 13 Th day of Canutary AD 30 A Notary Public Of Goulet My Commissioner of Oaths or Notary Public: (sign)	slaie Of Michigan y Of Opkland of the spires February 10, 2019
This 13 Th day of Tanutary AD 30 AD My Commissioner of Oaths or Notary Public: (sign) This space for Regulatory Authority use	slaie Of Michigan y Of Opkland of the spires February 10, 2019

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MI	NAVIIT	

NOVA SCOTIA YUKON

PRINCE EDWARD ISLAND NORTHWEST TERRITORIES NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: Parker Hannifin

MANUFACTURERS ADDRESS: 500 Glasplo Street, Oxford MI 48371 USA

PLANT LOCATIONS:

CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY

A Pipe fillings, including couplings, tees, albows, Ys, pluge, unions, pipe caps, or reducers

B Flanges: all flanges

C Valves: all line valvos

D Expansion joints, flexible connections, and hose assemblies: all types

E Strainers, filters, separators, and steam traps

F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters

G Cortified capacity-rated pressure relief devices acceptable as primary over pressure protection on bollars, pressure vessels, piping and fusible plugs

H Pressure rotaining components that do not fall into one of the above categories

N Nuclear components: Class 1 🗆 Class 2 🗖 Class 3 🗖, (Mooting CNSC or ASME requirements)

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT



TYPE OF CONSTRUCTION

TITLE OF THE STANDARD OF CONSTRUCTION

Sound Engineering Practice

PORGED 3 WELDED 30 WROUGHT D CAST 30 OTHER D DESCRIBE OTHER:

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED.

ISO 9001 Certificate, Product Bulletin 1300-933C, Proof Test

H-Series 1-1/4" to 3" Ports

D	ECL/	ARA	TION	
			-	

Daniel L. Kyan	(see note 3) employed by		
responsibility for the quality of	of the end product do solomnly	declare that the	Information contained in this form is tous and to the heat of
my knowledge represents the	a product for which registration	is sought. The	dimensions, materials of construction, pressure
temperature ratings, and idea	ntification markings are in occo	rdance with the	herein named standards. I further declare that the
manulacture of these fittings	is regulated by a Quality Contr	rol Program whi	ch extends to each plant where fabrication occurs in whole
or in part and has been veriff	ed by Det Norsko Veritas	0	s being sultable for that purpose and I make this solemn
declaration conscientiously t	selleving It to be true, and know	ving that it is of t	he same force and effect as if made under oath.
	\ - 1/1/1		The state of the s

Signature of Declarer.

Declared before me at 540

13 M day of Jan

Commissioner of Oaths or Notary Public: (sign)

My Commission Equires February 10, 2010

This space for Regulatory Authority uso

This registration must be revalidated after ten (10) years from the date at acceptance

OEO5834,2 ADD3

2072 FID#:

Notos:

1. All fillings shall be registered in the name of the Manufacturer.

2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.

3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.

4. Quality control programs shall be resubmitted for validation

at a maximum interval of five (5) years.

Northwest Territories REGISTERED

UNDER THE AUTHORITY OF THE BOILER AND PRESSURE VESSEL ACT

C.R.N. OZ

SIGNED

Fittings Rov. 1 08/2003

158,00

EW BRUNSWICK JUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME:	Parker Hannifin		
MANUFACTURERS ADDRE	SS: 500 Glasple Street, Oxf	ord Mt 48371 USA	
LANT LOCATIONS:			
CATEGORY OF F	TTINGS TO BE REGISTER	ED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
B Flanges: all flanges C Valves: all flan valves D Expansion joints, flexible E Strainers, filters, separato F Measuring devices, include pressure transmitters G Certified capacity-rated p boilers, pressure vessels	connections, and hose asser rs, and steam traps ing pressure gauges, level g	auges, sight glasses, levels, or	Sound Engineering Practice
N Nuclear components: Cla	ass 1 🗆 Class 2 🗆 Class 3	☐, (Meeting CNSC or ASME requirements)	
HOW MANUFACTURERS	NAME, TRADEMARK, OR L	OGO AS IT WILL APPEAR ON THE PROD	IYPE OF CONSTRUCTION FORGED QC WELDED 00 WROUGHT CAST X0 OTHER CDESCRIBE OTHER:
LIST OF SUPPOSTUO SO	OUNCUTATION AND IDEN	TIFICATION OF THE ACTUAL ITEMS TO B	PECIETEDED.
	,		
my knowledge represents temperature ratings, and manufacture of these fitti or in part and has been videclaration conscientious. Signature of Declarer: Declared before me at	ity of the end product do s the product for which reg identification markings ar- ngs is regulated by a Qua enfied by Det Norske Veri	solemnly declare that the Information conjustration is sought. The dimensions, may a in accordance with the herein named solity Control Program which extends to extend the same force and knowing that it is of the same force of t	standards. I further declare that the ach plant where fabrication occurs in who for that purpose and I make this solemn
CRN: 0E05834	This registralion must be	This space for Regulatory cultority uear revalidated after ten (1) year on the Nuñavut	Boilers and Pressure Vessels Act
			REGISTERED
Notes:		1	REGISTERED

2. Each category shall be supported with two Statutory Declaration

forms and one copy of supporting documentation.

3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.

4. Quality control programs shall be resubmitted for validation

at a maximum interval of five (5) years.

Date __

Chief Inspector Signed

Territorial Registration Fee