



To:	TSSA	From:	Janet Townsend
Company:	Parker Hannifin	Phone:	416-747-4291
Pages:	12	Location:	Toronto
Our File:	ANR-5159	Date:	November 28, 2018

Your File: 2424152

Subject: Request for Design Registration

Dear Ms. Francis,

CSA has reviewed the documentation submitted by TSSA on behalf of Parker Hannifin. These fittings have been registered by CSA for the Province of Québec. In accordance with an agreement between CSA, the Provinces of Québec and Saskatchewan; this registration is recognized by Quebec and Saskatchewan. These fittings are acceptable for use in these Provinces. The letters CSA will be applied as a prefix to the CRN indicate which fittings have been registered in this manner. A copy of the stamped Statutory Declaration is attached.

The CRN is CSA-0H20771.56.

A copy of the Statutory Declaration with an original stamp affixed will be forwarded to you along with our invoice by regular mail.

Yours truly

A handwritten signature in blue ink that reads 'Janet Townsend'.

Janet Townsend
Program Manager
CSA Group

178 Rexdale Blvd.
Toronto, ON, M9W 1R3
Canada
www.csagroup.org

REGISTERED



CRN: CSA-0H20771.56

Registration Process administered by
CSA Group per CSA B51

Statutory Declaration Registration of Fittings

(a) Design Qualification

I STEVEN ROHAN
DIVISION ENGINEERING MANAGER
(Position eg. president, plant manager, chief eng.)

of PARKER HANNIFIN MANUFACTURING LTD
(name of company)

Located at DUKESWAY, TEAM VALLEY TRADING EST, GATESHEAD, TYNE & WEAR
(plant address) UK
NE11 0PZ

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

☒ are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with ASME VIII
DIV 1 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 9001:2015, and has been verified by the following authority or authorized agency LOYDS LRQA

The fittings² covered by this declaration, for which I seek registration, are CDAS HL / OFAS HL
COMPRESSED AIR DRYER

In support of the application, the following information, calculations and/or test data are attached:

SUPPORTING SALES BROCHURES, DRAWINGS, BUST TEST / MATL CERTS, UG101 CALCS, LOYDS DAD
QA CERTS

Declared before me at Gateshead

In the of County of Tyne & Wear

The 28th Day of June AD 19 2018

A (commissioner for oaths)

Signature of Declarer

James Bowyer LL.B.
Notary Public
77 West Road
Newcastle upon Tyne
NE15 6PR
Tel. 07860 725159

For Official Use Only

The application is accepted for registration in Category H 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. Oct. 16. 2028

Registered Number CRN CSA-0H20771.56

For the Chief Inspector

Date



A. BANWATT
Nov. 14. 2018

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





Technical Safety Authority of Saskatchewan

REGISTERED



CSA-0H20771.56

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

Registration Process administered by

Statutory Declaration (Registration of Fittings)

TSK-1008

I. Declaration Information

I, Steven Rohan
Division Engineering Manager
(company title, e.g. vice president, plant manager, chief engineer)
(must be in a position of authority in the manufacturing plant where the fitting is produced)

of: Parker Hannifin Manufacturing Ltd GSFE Division
(name of manufacturer)

located at: Dukesway, TVTE, Gateshead, UK Tyne & Wear NE11 0PZ
(Plant Address - Apt/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)

- ☐ Comply with the requirements of _____ which 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 to comply with ASME VIII Div 1 as supported by the attached data which identifies the dimensions, materials of construction, pressure / temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacturer of these fittings is controlled by a quality control program which has been verified by the following authority, Lloyd's Register LRQA (ISO 9001:2015) as being suitable for the manufacturer of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are CDAS HL / OFAS HL Compressed Air Dryer

In support of this application, the following information, calculations and / or test data are attached:

Supporting Sales Brochures, Drawings, Burst test / Material Certs, UG101 Calculations, Lloyd's Design Appraisal, QA Certs.

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



II. Declaration

DECLARED before me at Gateshead In the County of Tyne & Wear
this 28th day of June, 2018
STEVEN ROHAN (print name) (Signature)

(print name)

(Signature)

(Signature of Commissioner of Oaths)

James Bowyer LL.B.
Notary Public
77 West Road
Newcastle upon Tyne
NE4 6BB

III. Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the **Boiler and Pressure Vessel Safety Act** and CSA B51, Clause 4.2, and is accepted for registration in Category H

CSA-0H20771.56
(Registration Number)

Nov. 14. 2018
(Date Registered - MM DD YYYY)
(For the Administrator / Chief Inspector)

Oct. 16. 2028
(Expiry Date - MM DD YYYY)

A. BANWATT



*Note: See the attachment for the scope of the registration

TSK-1008
Rev. 10/2012
Page 1 of 1



345 Carlingview Drive
Toronto, Ontario M9W 5N9
Tel: 416 734 3300
Fax: 416 231 1626
Toll Free: 1 877 682 9772

www.tssa.org

October 16, 2018

ALAN GUPPY
PARKER HANNIFIN MANUFACTURING LTD
DURHAM RD,
BIRTLEY COUNTY DURHAM DH3 2SF
GB

Service Request Type: BPV-Fitting Registration
Service Request No.: 2386786
Your Reference No.: CDAS/OFAS AIR DRYER
Registered to: PARKER HANNIFIN MANUFACTURING LTD

Dear ALAN GUPPY,

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

CRN No.: 0H20771.5
Main Design No.: CDAS HL & OFAS HL Compressed Air Dryers
Expiry Date: 16-Oct-2028

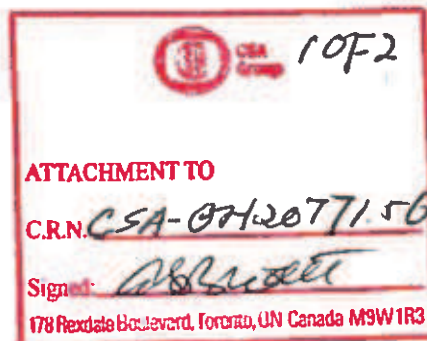
Please be advised that a valid quality control system must be maintained for the fitting registration to remain valid until the expiry date.

NOTE: The Maximum Allowable Working Pressure (MAWP) is limited to 13 barg @ 50 C (188.5 psig @ 122 F and not as indicated in the Parker Brochures PISCDAS-03-EN (2018) & PISOFAS-03-EN (2017).

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,


Mark Valcic P. Eng.
Engineer Specialist BPV
Tel.: 416-734-3494
Fax: 416-231-1626
Email: mvalcic@tssa.org



Section D: Manufacturer

CDAS HL / OFAS HL

Manufacturing Site 1	
Company Name:	Parker Hannifin Manufacturing Ltd
Address:	Dukesway, Team Valley Trading Estate
City / Town:	Gateshead
Province / State	Tyne & Wear
Postal / Zip Code:	NE11 0PZ
Country:	England
Telephone:	00 44 (0)191 4029036
Contact Name:	Alan Guppy
E-mail:	alan.guppy@parker.com

Manufacturing Site 2	
Company Name:	Parker Hannifin Corporation
Address:	4087 Walden Avenue
City / Town:	Lancaster
Province / State	New York
Postal / Zip Code:	14086
Country:	USA
Telephone:	00 1 7166866461
Contact Name:	Mike Peccia
E-mail:	mike.peccia@parker.com





Technical Safety Authority of Saskatchewan

REGISTERED

CRN: CSA-OH20771.56

PH: (306)798-7112
FAX: (306)787-9273

Registration Process administered by
CSA Group per CSA B51



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

Statutory Declaration (Registration of Fittings)

TSK-1008

I. Declaration Information

I, Michael Peccia

Engineering Manager

(company title, e.g. vice president, plant manager, chief engineer)
(must be in a position of authority in the manufacturing plant where the fitting is produced)

of: Parker Hannifin Corporation

(name of manufacturer)

located at: 4087 Walden Ave., Lancaster, NY 14086

(Plant Address - Apt/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)

☐ Comply with the requirements of _____ which 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 to comply with ASME VIII Div 1 as supported by the attached data which identifies the dimensions, materials of construction, pressure / temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacturer of these fittings is controlled by a quality control program which has been verified by the following authority, DNV as being suitable for the manufacturer of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are Compressed Air Dryer

In support of this application, the following information, calculations and / or test data are attached:

See attached Statutory Declaration from Dukesway TVTE, Gateshead, Tyne and Wear, NE11 OPZ UK location.

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

II. Declaration

DECLARED before me at Lancaster In the State of New York
this 31st day of July, 2018
Renee C Stonitsch (print name)
Michael Peccia (Signature)
Renee C Stonitsch (Signature of Commissioner of Oaths)
RENEE C STONITSCH
Notary Public, State of New York
Registration #01ST6195747

III. Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the **Boiler and Pressure Vessel Safety Act** and CSA B51, Clause 4.2, and is accepted for registration in Category H

CSA-OH20771.56
(Registration Number)

Nov. 14. 2018
(Date Registered - MM DD YYYY)
(For the Administrator / Chief Inspector)

Oct. 16. 2028
(Expiry Date - MM DD YYYY)
A. BANWATT



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Rev. 10/2012
Page 1 of 1

*Note: See the attachment for the scope of the registration.

REGISTERED



CRN: CSA-OH 20771.56

Statutory Declaration Registration of Fittings

Registration Process administered by
CSA Group per CSA B51

(a) Design Qualification

I¹ Michael Peccia

(Name of applicant)

Engineering Manager

(Position eg. president, plant manager, chief eng.)

of Parker Hannifin Corporation

(name of company)

Located at 4087 Walden Avenue, Lancaster NY 14086

(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

☒ are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with ASME VIII Div 1 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 DNV

The fittings² covered by this declaration, for which I seek registration, are Compressed Air Dryer

In support of the application, the following information, calculations and/or test data are attached:
See attached Statutory Declaration from Dukesway TVTE, Gateshead, Tyne and Wear, UK.

Declared before me at Lancaster

In the of State

of New York

The 31st day of July

AD 2018

[Signature]
A (commissioner for oaths)

RENEE GASTONITSCH
Notary Public, State of New York
Registration #01518195747
Qualified In Erie County
Commission Expires Oct. 27, 2020

[Signature]
Signature of Declarer³

For Official Use Only

The application is accepted for registration in Category H 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. Oct. 16. 2028

Registered Number CRN CSA-OH20771.56

For the Chief Inspector
Date



A. BANWATT
Nov. 14. 2018

¹ Three completed copies of Statutory Declaration form together with three copies of Catalogs, drawings of Bulletins illustrating above fittings shall be submitted.

² All fittings are required to be registered in the name of the Manufacturer.

³ This form shall be completed and signed by the president of highest official in the manufacturing plant where the fitting is produced.





345 Caringview Drive
Toronto, Ontario M9W 5N9
Tel: 416 734 3300
Fax: 416 231 1626
Toll Free: 1 877 682 9772

www.tssa.org

October 16, 2018

ALAN GUPPY
PARKER HANNIFIN MANUFACTURING LTD
DURHAM RD,
BIRTLEY COUNTY DURHAM DH3 2SF
GB

Service Request Type: BPV-Fitting Registration
Service Request No.: 2386786
Your Reference No.: CDAS/OFAS AIR DRYER
Registered to: PARKER HANNIFIN MANUFACTURING LTD

Dear ALAN GUPPY,

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

CRN No.: 0H20771.5
Main Design No.: CDAS HL & OFAS HL Compressed Air Dryers
Expiry Date: 16-Oct-2028

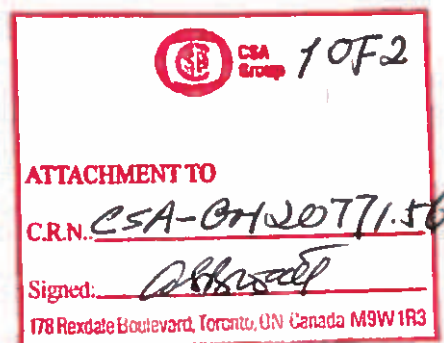
Please be advised that a valid quality control system must be maintained for the fitting registration to remain valid until the expiry date.

NOTE: The Maximum Allowable Working Pressure (MAWP) is limited to 13 barg @ 50 C (188.5 psig @ 122 F and not as indicated in the Parker Brochures PISCDAS-03-EN (2018) & PISOFAS-03-EN (2017).

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,


Mark Valcic P. Eng.
Engineer Specialist BPV
Tel.: 416-734-3494
Fax: 416-231-1626
Email: mvalcic@tssa.org



Section D: Manufacturer

CDAS HL / OFAS HL

Manufacturing Site 1	
Company Name:	Parker Hannifin Manufacturing Ltd
Address:	Dukesway, Team Valley Trading Estate
City / Town:	Gateshead
Province / State	Tyne & Wear
Postal / Zip Code:	NE11 0PZ
Country:	England
Telephone:	00 44 (0)191 4029036
Contact Name:	Alan Guppy
E-mail:	alan.guppy@parker.com

Manufacturing Site 2	
Company Name:	Parker Hannifin Corporation
Address:	4087 Walden Avenue
City / Town:	Lancaster
Province / State	New York
Postal / Zip Code:	14086
Country:	USA
Telephone:	00 1 7166866461
Contact Name:	Mike Peccia
E-mail:	mike.peccia@parker.com

THIS IS PART OF
CRN 0420771.5
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program

Alan Oct. 6/18

 2 OF 2

ATTACHMENT TO
C.R.N. CSA-0420771.56

Signed: 

178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3



Lloyd's Register
LRQA

Certificate of Approval

This is to certify that the Management System of:

Parker Hannifin Manufacturing Ltd

Dukesway, Team Valley Trading Estate, Gateshead, NE11 0PZ, United Kingdom

has been approved by LRQA to the following standards:

ISO 9001:2015

David Derrick

Issued By: Lloyd's Register Quality Assurance Ltd

Current Issue Date: 11 May 2016

Expiry Date: **27 June 2019**

Certificate Identity Number: 10002975

Original Approvals:

ISO 9001 12 May 2006

Approval Numbers: ISO 9001 – 00003488

The scope of this approval is applicable to:

Design, manufacture and refurbishment of filtration, purification & separation solutions for compressed air and gas treatment applications including the provision of associated on-site servicing, technical support and training services.



001

Lloyd's Register Group Limited, its affiliates and subsidiaries, including Lloyd's Register Quality Assurance Limited (LRQA), and their respective officers, employees or agents are, individually and collectively, referred to in this certificate as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

Issued By: Lloyd's Register Quality Assurance Ltd, 1 Trinity Park, Bickenhill Lane, Birmingham B37 7ES, United Kingdom

MANAGEMENT SYSTEM CERTIFICATE

Certificate No:
85173-2010-AQ-USA-ANAB

Valid:
21 September, 2018 - 22 September, 2019

This is to certify that the management system of

Industrial Gas Filtration and Generation Division of Parker Hannifin Corp.

4087 Walden Avenue, Lancaster, NY, 14086, USA

has been found to conform to the Quality Management System standard:
ISO 9001:2015

This certificate is valid for the following scope:
**The design, manufacture, sales/marketing, distribution/supply chain,
technical service and support of filtration, purification, pollution prevention,
dehydration and gas generation products.**

Place and date:
Katy, TX, 21 September, 2018



For the Issuing office:
DNV GL - Business Assurance
1400 Ravello Drive, Katy, TX, 77449-5164,
USA

Ismael Belmarez
Management Representative



March 2017

CRN – Canadian Registration Numbers - Saskatchewan

The Province of Saskatchewan participates with Quebec and the Canadian Standards Association (CSA Group) for the registrations of “Fittings”.

Per an agreement with CSA Group in April 1998, Saskatchewan recognizes registrations done by CSA Group and accepts such fittings for use in Saskatchewan.

The letters “CSA” are applied as a prefix to the CRN to indicate which “Fittings” have been registered in this manner. You should inform your clients of this additional marking requirement and that “Fittings” registered by CSA Group are accepted for use in Saskatchewan Canada.