

REGISTRATION OF A PRESSURE FITTING DESIGN

19-Jan-22

ABSA
9410 20th Avenue NW
Edmonton, AB
T6N 0A4**Attention: Kristine Trepanier****File Number: 12882 [0 F]****Re: Manufacturer: Parker Hannifin**
Item: Air Header Manifold
Catalog or Drawing: HPAHM-DWG-CRN Rev. 4

TSASK Codes and Standards Compliance has registered the design listed above in accordance with The Boiler and Pressure Vessel Act and Regulations and CSA B51. The Canadian Registration Number (CRN) is:

OH12507.23 Expiry Date: September 29, 2031

Please note that every fitting shall be constructed in strict 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.

Should you require anything further, please do not hesitate to contact the Codes and Standards Compliance Office at your convenience.

Yours truly,

Athan Syrgiannis, P.Eng.
Codes and Standards Compliance**Remarks:**

A valid quality control program must be maintained at the production facility for the fitting registration to remain valid until the expiry date.

Conditional upon compliance with the notes on the original ABSA registration.

Due to COVID-19 restrictions, this registration is conditional based on TSASK receiving a valid Statutory Declaration that has been witnessed and signed by a Commissioner of Oaths or a Notary Public at your earliest convenience.

**STATUTORY DECLARATION
Registration of Fittings**
Single or Multiple Fitting Designs within one Fitting Category

I, Marcus Ashford, Engineering Manager
(name of applicant) (position title) (must be in a position of authority)
of Parker Hannifin Manufacturing Ltd-Instrumentation Products Division Europe
(name of manufacturer)
located at Riverside Road, Barnstaple, Devon, EX31 1NP United Kingdom
(plant address)



do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act
(select only 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 Pressure Vessel Codes as supported by the
(title of code of construction or other applicable document)
attached data which identifies the dimensions, materials of construction, pressure/temperature ratings
and the basis for such ratings, and the identification marking of the fittings.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified as described in the below Table as being suitable for the manufacturing of these fittings to the stated standard, regulation, code, guideline or other applicable document. The fittings covered by the declaration for which I seek registration are as provided in the Supplementary Sheet(s) attached.

Quality Program Verification and Manufacturing Sites

A copy of the Quality Certificate from each manufacturing site must be included

Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address
1.	HPAHM* Air Distribution Manifolds	ISO 9001	Design manufacture of valves, manifolds, connectors, regulators & supporting ancillary equipment in corrosion resistant materials	06-March-2022	Bureau Veritas	Same as above
2.						

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

Existing CRN Submissions: 0H12507.2 [ADM] & 0C9622.51 [Ball Valves]

Drawing: HPAHM-DWG-CRN-REV.3

HPAHMS1016F01MSW8F8FBVO [Flanged 150#] HPAHMS616N8N8NBVO [THD]

Calculations: HPAHM-10-CRN-CALC REV.5



03/09/2021

(Signature of the Declarer)

(Date)

DECLARED before me at _____ in the _____ of _____
(city) (province, territory, or state)

this _____ day of _____,
(Month) (Year)

(print) _____
(a Commissioner of Oaths or Notary Public)

(sign) _____
(a Commissioner of Oaths or Notary Public)

(expiry date (mm/dd/yy))

Commissioner of Oaths / Notary Public in and for: _____
(province, territory, or state)

For ABSA Office Use Only:

NOTES: _____

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Part 1, Clause 4.2, and is accepted for registration in Category _____.

CRN: _____

Registered Date: _____

Expiry Date: _____

Signature: _____
(Signature of the Administrator/SCO)

The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Pressure Equipment Discipline



Registration No. 0H12507.23

File No. 12882

Registered

Date: January 19, 2022

Expiry Date: September 29, 2031

Codes & Standards Compliance Office

Table 1 Scope of Fitting Designs**

Item #	Primary Pressure Bearing / Retaining Component	Material of Construction	Port Connections and Size Range	MDMT	Rated Pressure		Pressure Class(es) / Schedule(s)	Design Code(s) of Construction	Reference Catalogue (pages) or Drawing(s)
					At Ambient Temperature	At Maximum Temperature			
Air Distribution Manifolds HPAHM	Nominal Bore Pipe Flanged Inlet	A182 F316/316L, S31254, N04400,	NPS 2 BW, MNPT, FNPT, SW, flanged	-55°C	See Dwg HPAHM-10-DWG-CRN-03 DESIGN DATA TABLE MATERIAL SPECIFIC 316 LP Class 150# @ 40°C	See Dwg HPAHM-10-DWG-CRN-03 DESIGN DATA TABLE MATERIAL SPECIFIC 316 LP Class 150# @ 200°C	Flange Class 150# 300# Schedule 80	ASME VIII Div 1.	Cat 4190-DM
	Nominal Bore Pipe Threaded Inlet	A182 F316/316L, S31254, N04400,	NPS 2 BW, MNPT, FNPT, SW,	-55°C	See Dwg HPAHM-10-DWG-CRN-03 DESIGN DATA TABLE MATERIAL SPECIFIC 316 HP @ 40°C	See Dwg HPAHM-10-DWG-CRN-03 DESIGN DATA TABLE MATERIAL SPECIFIC 316 HP @ 200°C	N/A	ASME VIII Div 1.	
	Ball Valve	A479 UNS 31600/S31603, S31254, N04400,	FNPT, MNPT Compression fittings	-54°C	6000 Psig PTFE / PEEK Seat option	PTFE Seat: 150°C 900 Psig PEEK Seat: 200°C 6000 Psig	Up to 2500#	MMS SP99 ANSI/ASME B16.34	

Table 2 Additional Scope Information

List/Attach Additional Detail and References (Product Configurations, Options, Illustrations, etc.)
Example: Series X Options
<p>Flanged Inlet Style [LP Class 150#] - See Following Drawings:</p> <p>HPAHMS1016F01MSW8F8FBVO - MSW Male Socket Weld Distribuiton Outlets</p> <p>HPAHMS616F1508N8NBVO - Thread Nipple Body connection Distribuiton Outlets</p> <p>Threaded Inlet Style - See Following Drawings:</p> <p>HPAHMS616N8N8NBVO - Threaded Nipple Body connection Distribution Outlets</p>

** For additional alternatives of Table 1, refer to Form AB-41a, Guide for Completing Form AB-41

