Certificate No: LR21379631TA
Issue Date: 05/10/2021
Expiry Date: 04/10/2026

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	**Parker Hannifin Manufacturing Limited**
Address	Dukesway,Team Valley Trading Estate, Gateshead, Tyne & Wear, NE11 0PZ, United Kingdom
Type	Filters for Compressed Air
Description	Catalyst CO removal filter Type: BAC-4015, BAM Breathing Air Purifier (BAP)
Application	Catalyst CO removal filter
Specified Standard	European Pharmacopoeia 10th Edition
Ratings	EH40 exposure levels Effective reduction of carbon monoxide from 65ppm to less than 5ppm
Other Conditions	The above filters meet the requirements of European Pharmacopoeia, EN12021, OSHA Grade D & Z180.1-00 and the occupational exposure levels set out in EH40 in respect of providing an acceptable quality of breathable compressed air. The Breathing Air Purifiers, as described above, have been performance tested for the effective reduction of carbon monoxide from 65ppm to less than 5ppm, which meets and exceeds the requirements of the above standards.

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Pradip Chongder

Sheffield DA Manager to Lloyd's Register EMEA
A member of the Lloyd's Register group

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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Details of the actual purifiers tested, the equipment, methodology, reports and results which provide the basis for this certificate, are contained within technical documentation file COV 0413801/TDF/7.

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: 16/00131

The Design Appraisal Document PRJ11100312597 O-37972/PKC and COV1613518 O-32811/DH and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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