Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

8554

Accredited to ISO/IEC 17025:2017

Aquatron Breathing Air Systems

Issue No: 008 **Issue date:** 05 December 2022

30 Stanley Street
Glasgow
G41 1JB

Contact: Mr Sandy Montgomery
Tel: +44 (0)141 429 5902
E-Mail: sandy@airpurity.com
Website: www.breathingairsystems.com

Testing performed by the Organisation at the locations specified

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
Address Aquatron Breathing Air Systems 30 Stanley Street Glasgow G41 1JB **Local contact** Mr Sandy Montgomery	Breathing air samples	A

Site activities performed away from the locations listed above:

Location details	Activity	Location code
Aquatron Breathing Air Systems 30 Stanley Street Glasgow G41 1JB Contact: Mr Sandy Montgomery	Customer sites Sampling and analysis	B

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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<u>Compressed Gases</u>	<u>Chemical Tests</u>	Documented In-House Methods	
Breathing Gases for Non-Medicinal Life Support Applications - Compressed Natural Breathing Air	Infra red absorbing component contents Carbon Monoxide Carbon Dioxide Oil Mist (as Hexane equivalent) Hydrocarbons (as Methane equivalent) Halocarbons	Method SOP37 based on DEFSTAN 68-284 part 3:2020 and BS EN 12021:2014 using Fourier Transform Infra-red (FTIR) spectrometer	A
	Oxygen	Method SOP37 based on DEFSTAN 68-284 part 3:2020 and BS EN 12021:2014 using electrochemical cell sensor	A
	Water Content	Method SOP30 based on DEFSTAN 68-284 part 3:2020 and BS EN 12021:2014 using chilled mirror hygrometer	A
	<u>Sampling and online analysis</u>		
	Particulate Content	Method SOP43 based on DEFSTAN 68-284 part 3:2020 using laser particulate counter.	B
END			