Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

2430

Accredited to ISO/IEC 17025:2017

Olfasense UK Ltd

Issue No: 031 **Issue date:** 02 January 2024

Unit 7
Anglo Office Park
Bristol
BS15 1NT

Contact: Ms L Warren
Tel: +44 (0)1225 868869
Fax: +44 (0)1225 865969
E-Mail: lwarren@olfasense.com
Website: www.olfasense.com

Testing performed by the Organisation at the locations specified below

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details		Activity	Location code
Address Unit 7 Anglo Office Park Bristol BS15 1NT	**Local contact** Ms L Warren Tel: +44 (0)1225 868869 Fax: +44 (0)1225 865969 Email: lwarren@olfasense.com Website: www.olfasense.com	Odour concentration measurement including sample pre-dilution	A
Address Unit 2 Theatre Court London Road Northwich CW9 5HB	**Local contact** Ms L Warren Tel: +44 (0)161 929 6778 Email: lwarren@olfasense.com Website: www.olfasense.com	Odour concentration measurement including sample pre-dilution	B

Site activities performed away from the locations listed above:

Location details	Activity	Location code
Customer Sites	Sampling (teams from Bristol and Northwich)	C

2430 Accredited to ISO/IEC 17025:2017	**Schedule of Accreditation** **issued by** **United Kingdom Accreditation Service** 2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK **Olfasense UK Ltd** **Issue No:** 031 **Issue date:** 02 January 2024

Testing performed by the Organisation at the locations specified

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
GASES	Sensory Tests		
Ambient Air Process Emissions Surface Emissions Stack Gas Samples	Odour concentration measurement including sample pre-dilution	Documented In-House Procedures QD01 and QD02 based on BS EN 13725:2022 by dynamic olfactometry	A, B
	Sampling with subsequent analysis at an ISO/IEC 17025 accredited laboratory	National, European, International and other recognised standards using documented In-House work instructions	
GASES	Collection of odour samples for delayed olfactometry	Documented In-House Procedures QD018 and QD019 based on BS EN 13725:2022	
Ambient Air Process Emissions		Point source sampling using: - Lung method - Dynamic dilution	C
Surface Emissions		Area source sampling with outward flow using: - Sheet Method	C
Surface Emissions		Area source sampling without outward flow using: - Lindvall Hood Method - Inverted Lindvall Hood Method - Sheet Method	C
Ambient Air Process Emissions Surface Emissions	Hydrogen Sulphide	Sampling direct from source or sample bag onto activated carbon using in-house procedure QD024 based on PD CEN/TS 13649:2014	C
Ambient Air Process Emissions Surface Emissions	Ammonia	Sampling direct from source or sample bag by desorption onto silica gel using in-house procedure QD024 based on NIOSH 6016	C
Ambient Air Process Emissions Surface Emissions	Speciated VOC's	Sampling direct from source or sample bag onto activated carbon using in-house procedure QD024 based on PD CEN/TS 13649:2014	C

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Testing of Stack Emissions to Atmosphere	Sampling with subsequent analysis at an ISO/IEC 17025 accredited laboratory	National, International and other recognised standards using documented In-House work instructions to meet the requirements of BS EN 15259:2007	
	Ammonia	Sampling direct from source or sample bag by desorption onto silica gel using in-house procedure QD024 based on NIOSH 6016	C
	Odour (direct sampling of dry stacks and dynamic dilution sampling of hot wet stacks)	BS EN 13725:2022 (QD018)	C
	Sampling and On-Line Analysis		
	Pressure, Temperature and Velocity	ISO 10780:1994 (QD019) by Pitot tube	C
	Pressure, Temperature and Velocity (Point Velocity Method) for: Periodic Compliance Monitoring	BS EN 16911-1:2013 & EA MID 16911-1 (Method QD019 using differential pressure device pitot tube method) Procedure to meet requirements of PD CEN TR 17078:2017 Measurement Objective 1	C
	Velocity	ISO 10780:1994 (QD019) by hot wire anemometer for gas velocities below 5 m/sec	C
	Velocity (Point Velocity Method) for: Periodic Compliance Monitoring	BS EN 16911-1:2013 & EA MID 16911-1 (Method QD019) using hot wire anemometer for gas velocities below 5 m/sec Procedure to meet requirements of PD CEN TR 17078:2017 Measurement Objective 1	C

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Testing of Stack Emissions to Atmosphere (cont'd)	<u>Sampling with subsequent analysis at an ISO/IEC 17025 accredited laboratory</u>	National, European, International and Environment Agency specified standards including MIDs and Documented In-House work instructions to meet the requirements of the Environment Agency (MCERTS) Performance Standard and BS EN 15259:2007	
	Ammonia	BS EN ISO 21877:2019 (Method QD025)	C
	Odour (direct sampling of dry stacks and dynamic dilution sampling of hot wet stacks)	BS EN 13725:2022 (QD018)	C
	Speciated VOCs (carbon and other suitable tubes – direct sampling of dry stacks and dynamic dilution sampling of hot wet stacks): Aldehydes Amines and amides Arsine Benzene Carbon disulphide Carboxylic acids Hydrogen sulphide Mercaptans Methanol Phenols and cresols Phosphorous and its inorganic compounds Siloxanes	PD CEN/TS 13649:2014 (Method QD024)	C
	<u>Sampling and On-Site Analysis</u>		
	Water vapour	BS EN 14790:2017 (Method QD023)	C

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Testing of Stack Emissions to Atmosphere (cont'd)	<u>Sampling and On-Line Analysis (cont'd)</u>	National, European, International and Environment Agency specified standards including MIDs and Documented In-House work instructions to meet the requirements of the Environment Agency (MCERTS) Performance Standard and BS EN 15259:2007	
	Pressure, Temperature and Velocity (Point Velocity Method) for: • Periodic Compliance Monitoring	BS EN 16911-1:2013 & EA MID 16911-1 (Method QD019 using differential pressure device pitot tube method) Procedure to meet requirements of PD CEN TR 17078:2017 Measurement Objective 1	C
	Velocity (Point Velocity Method) for: • Periodic Compliance Monitoring	BS EN 16911-1:2013 & EA MID 16911-1 (Method QD019) using hot wire anemometer for gas velocities below 5 m/sec Procedure to meet requirements of PD CEN TR 17078:2017 Measurement Objective 1	C
END			