

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>2430</b> Accredited to ISO/IEC 17025:2017	<b>Olfasense UK Ltd</b>	
	Issue No: 028    Issue date: 21 June 2021	
	<b>Unit 7</b> Anglo Office Park Bristol BS15 1NT	<b>Contact: Ms L Warren</b> 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
<b>Address</b> Unit 7 Anglo Office Park Bristol BS15 1NT  <b>Local contact</b> 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
<b>Address</b> Unit 2 Theatre Court London Road Northwich CW9 5HB  <b>Local contact</b> 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 Altrincham)	C



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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
GASES	<u>Sensory Tests</u>		
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 13725:2003 by dynamic olfactometry	A, B
	<u>Sampling</u>	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 13725:2003	
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



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Testing of Stack Emissions to Atmosphere	<u>Sampling with subsequent analysis at an ISO/IEC 17025 accredited laboratory</u>	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 13725:2003 (QD018)	C
	<u>Sampling and On-Line Analysis</u>		
	Pressure, Temperature and Velocity	ISO 10780:1994 (QD019) by Pitot tube	C
	Velocity	ISO 10780:1994 (QD019) by hot wire anemometer for gas velocities below 5 m/sec	C
	<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 13725:2003 (QD018)	C	
Bioaerosols	VDI 4257 part 2:2011 (Method QD023)	C	



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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 (cont'd)</u>  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 Carbon disulphide Carboxylic acids Hydrogen sulphide Mercaptans Methanol Phenols and cresols Phosphorous and its inorganic compounds Siloxanes	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  PD CEN/TS 13649:2014 (Method QD024)	C
	<u>Sampling and On-Site Analysis</u>  Water vapour	BS EN 14790:2017 (Method QD023)	C
	<u>Sampling and On-Line Analysis</u>  Pressure, Temperature and Velocity (Point Velocity Method) for: <ul style="list-style-type: none"> <li>Periodic Compliance Monitoring</li> </ul>	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



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Testing of Stack Emissions to Atmosphere (cont'd)	<u>Sampling and On-Line Analysis (cont'd)</u>  Velocity (Point Velocity Method) for: <ul style="list-style-type: none"> <li>Periodic Compliance Monitoring</li> </ul>	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  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			