


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 Accredited to ISO/IEC 17025:2005	<b>EnviroDat Limited</b>	
	Issue No: 017    Issue date: 06 November 2017	
	<b>Science and Technology Centre</b> Earley Gate Whiteknights Road Reading Berkshire RG6 6BZ	<b>Contact: Mr Bruce Kester</b> Tel: +44 (0)118 935 7365 Fax: +44 (0)118 926 7917 E-Mail: <a href="mailto:info@envirodat.org.uk">info@envirodat.org.uk</a> Website: <a href="http://www.envirodat.org.uk">www.envirodat.org.uk</a>
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> Science and Technology Centre Earley Gate Whiteknights Road Reading Berkshire RG6 6BZ  <b>Local contact</b> Mr Bruce Kester  Tel: +44 (0)118 935 7365 Fax: +44 (0)118 926 7917 Email: <a href="mailto:info@envirodat.org.uk">info@envirodat.org.uk</a>	<b>Support functions:</b> Quality System Quality Audit Administration  <b>Sampling and Testing:</b> Stack Emissions Testing	A

#### Site activities performed away from the locations listed above:

Location details	Activity	Location code
Customer Sites requiring Stack Emissions Testing	Stack Emissions Testing	B
Customer sites requiring sampling	Sampling of Landfill gases Sampling of Biogenic gases	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
Landfill Sites	<u>Sampling for landfill gas for subsequent analysis by an ISO/IEC 17025 accredited laboratory</u>  Trace and bulk components by Tedlar bags:  Hydrogen sulphide Carbon monoxide Methane Carbon dioxide Oxygen Nitrogen	Documented In-house procedures  SPTGN04 - Based on Environment Agency guidance document LFTGN04	C
	Trace and bulk components by sorbent tube:  1, 1 - dichloroethane 1, 2 - dichloroethane 1, 1 - dichloroethene 1, 2 - dichloroethene 1, 3 - butadiene 1 - butanethiol 1 - pentene 1 - propanethiol 2 - butoxyl ethanol Arsenic (as As) Benzene Butyric acid Carbon disulphide Chloroethane Chloroethene (vinyl chloride) Dichloromethane Dimethyl disulphide Dimethyl sulphide Ethanal (acetaldehyde) Ethanethiol Ethyl butyrate Furan Methanal (formaldehyde) Methanethiol Styrene Tetrachloromethane Toluene Trichloroethene Mercury (as Hg) PCDDs/PCDFs	SPTGN04 - Based on Environment Agency guidance document LFTGN04	C



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Biogenic Gas Samples	<u>Sampling and subsequent analysis by an ISO/IEC 17025 accredited laboratory</u>  Siloxanes by sorbent tube (Carbon): Hexamethyldisiloxane Hexamethylcyclotrisiloxane Octamethyltrisiloxane Octamethylcyclotetrasiloxane Decamethyltetrasiloxane Decamethylcyclopentasiloxane Dodecmethylcyclohexa siloxane Dodecamethylpentasiloxane Trimethylsilanol	Documented In-house procedures  SPSILOX - Based on BS CEN TS 13649:2014	C
	Siloxanes by Tedlar bag: Hexamethyldisiloxane Hexamethylcyclotrisiloxane Octamethyltrisiloxane Octamethylcyclotetrasiloxane Decamethyltetrasiloxane Decamethylcyclopentasiloxane Dodecmethylcyclohexa siloxane Dodecamethylpentasiloxane Trimethylsilanol	SPSILOX – Based on LFTGN04	C
Testing of Stack emissions to Atmosphere	<u>Sampling with subsequent analysis by an ISO/IEC 17025 accredited laboratory</u>  Speciated VOC's (carbon and other suitable tubes) (including hot wet stacks using a modified water trap method): Amines and Amides Phenols Cresols Carboxylic acids Aldehydes Formaldehyde	National, International and other recognised standards using documented In-House work instructions to meet the requirements of DD CEN/TS 15675:2007/ BS EN 15259:2007  Based on BS CEN TS 13649:2014 (SP NMVOC) (Including Modified water trap method using Environment Agency Guidance LFTGN08)	B



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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 by 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 DD CEN/TS 15675:2007/ BS EN 15259:2007	
	Speciated VOC's (carbon and other suitable tubes) (direct sampling of dry stacks only): Amines and Amides Phenols Cresols Carboxylic acids Aldehydes Formaldehyde	BS CEN TS 13649:2014 (SP13649)	B
	Total Particulate Matter	BS EN 13284-1:2002 (SP 13284-1)	B
	Sulphur dioxide	BS EN 14791:2017 (SP14791)	B
	Ammonia	BS EN 14791:2017 (SP14791)	B
	Hydrogen Chloride	BS EN 1911:2010 (SP1911)	B
	Odour (direct sampling of dry stacks and dynamic dilution sampling of hot wet stacks)	BS EN 13725:2003 (SP13725)	B
	<u>Sampling and On-Site analysis</u> Water Vapour	BS EN 14790:2017 (SP14790)	B



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Testing of Stack emissions to Atmosphere	<u>Sampling and On-Line analysis</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 DD CEN/TS 15675:2007/ BS EN 15259:2007	
	Pressure, Temperature and Velocity (Point Velocity Method)	BS EN 16911-1:2013 (SP 16911 using differential pressure device (pitot tube) method)	B
	Carbon Monoxide*	BS EN 15058:2017 (SP15058 - NDIR analyser)	B
	Oxygen*	BS EN 14789:2017 (SP14789 - Validated Zirconium cell analyser)	B
	Nitrogen Monoxide (NO)*	BS EN 14792:2017 (SP14792 - Chemiluminescence analyser)	B
	Nitrogen Dioxide (NO <sub>2</sub> )*	BS EN 14792:2017 (SP14792 - Chemiluminescence analyser)	B
	Total Gaseous Organic Carbon* (TOC/VOC) (0 - 1000 mg/m <sup>3</sup> )	BS EN 12619:2013 (SP12619 - FID analyser)	B
<b>END</b>			

\* - The scale range of the analyser used for this test must be that detailed on its current MCERTS certificate or a range validated by the organisation to meet MCERTS requirements.