


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>UKAS</b> TESTING <b>1227</b>  Accredited to <b>ISO/IEC 17025:2017</b>	<b>Envirochem Analytical Laboratories Ltd</b>	
	Issue No: 043    Issue date: 22 August 2024	
	12 The Gardens Broadcut Fareham Hampshire PO16 8SS	Contact: Mr R Mirzaians Tel: +44 (0)1329 287777 Fax: +44 (0)1329 287755 E-Mail: office@envirochem.co.uk Website: www.envirochem.co.uk
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> 12 The Gardens Broadcut Fareham Hampshire PO16 8SS	<b>Local contact</b> Mr R Mirzaians	Health and Hygiene  Asbestos – All Support Functions	A

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

Location details	Activity	Location code
Client Premises	Health and Hygiene	B
Mobile Laboratories	Health and Hygiene	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
ASBESTOS FIBRES IN AIR	<u>Health and Hygiene</u>	Health and Safety Executive - Asbestos: The Analysts' Guide (HSG 248) – 2021	
	Sampling of air for fibre counting	Documented In-House Method No. 3.02 based on HSG 248	B
	Fibre counting	Documented In-House Method No. 3.01, Membrane Filter Method using Phase Contrast Microscopy (PCM) based on HSG 248	A, B, C
ASBESTOS IN BULK MATERIALS including materials and products suspected of containing asbestos	4 Stage Clearance Process	Documented In-House Method No. 3.03, Membrane Filter Method using Phase Contrast Microscopy (PCM) based on HSG 248	B
	Sampling of bulk materials for asbestos identification	Documented In-House Method No. 2.02 based on HSG248	B
ASBESTOS IN SOILS – The Identification of Asbestos fibres in bulk samples of Soil, <i>specifically: Soil</i>	Identification of: Amosite Chrysotile Crocidolite Fibrous Actinolite Fibrous Anthophyllite Fibrous Tremolite	Documented In-House Method No. 2.01 using stereo-microscopy, polarised light optical microscopy and dispersion staining based on HSG248	A
	Identification of: Amosite Chrysotile Crocidolite Fibrous Actinolite Fibrous Anthophyllite Fibrous Tremolite	Documented In-House Method No. 2.04 using stereo-microscopy, polarised light optical microscopy and dispersion staining based on HSG 248	A



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ASBESTOS IN SOILS – The Identification and Quantification of Asbestos fibres in bulk samples of Soil, <i>specifically: Soil</i>	<u>Health and Hygiene</u> (cont'd)  Identification and Quantification of Asbestos content of: Amosite Chrysotile Crocidolite Fibrous Actinolite Fibrous Anthophyllite Fibrous Tremolite	Health and Safety Executive - Asbestos: The Analysts' Guide (HSG 248) – 2021  Documented In-House Method No. 2.04 for identification using stereo-microscopy, polarised light optical microscopy and dispersion staining based on HSG 248.  Documented In-House Method No. 2.04 for quantification of asbestos.	A
AIRBORNE INDUSTRIAL POLLUTANTS	Determination of Inhalable/Respirable Aerosols (Weighing of filters)	MDHS 14/4:June 2014 by Documented In-House Method, Procedure No 4.02 by gravimetry	A
WATERS  Raw Waters, River Waters and Effluents  Raw waters, River Waters, Effluents and Leachates	<u>Chemical Tests</u>  Bromide Chloride Fluoride Nitrate Sulphate  pH  Metals, specifically:  Arsenic Barium Cadmium Calcium Chromium Cobalt Copper Iron Lead	Procedure 6.02  Procedure 6.03  Procedure 6.08 using ICP-OES	A  A  A



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<p>WATERS (cont'd)</p> <p>Raw waters, River Waters, Effluents and Leachates (cont'd)</p>	<p><u>Chemical Tests (cont'd)</u></p> <p>Metals, specifically: (cont'd)</p> <p>Mercury Potassium Magnesium Manganese Sodium Nickel Thallium Zinc</p>	<p>Procedure 6.08 using ICP-OES</p>	<p>A</p>
<p>WASTE WATERS</p> <p>Trade Effluent and Treated Sewage Effluent</p>	<p>Total Suspended Solids</p>	<p>Procedure MET 6.10 by gravimetry based on EPA method 160,2</p>	<p>A</p>
<p>SOILS</p>	<p><u>Chemical Tests</u></p> <p>Chloride Sulphate</p> <p>pH</p> <p><u>Metals</u> Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper Lead Manganese Mercury Molybdenum Nickel Selenium Tin Zinc</p>	<p>Documented In-House Method to meet the requirements of the Environment Agency MCERTS Performance Standard - Chemical Testing of Soil</p> <p>Procedure 5.06, 6.02</p> <p>Procedure 5.06, 6.03</p> <p>Procedure 5.18, 6.08 by ICP-OES</p>	<p>A</p> <p>A</p> <p>A</p>



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PAINT	Lead	Procedure 5.18, 6.08 using ICP-OES	A
WATERS	<u>Microbiological Tests</u>		
Potable water (non-regulatory), and recreational water (pools and spas)	Enumeration of: Coliforms and <i>E.coli</i> - presumptive	Procedure MET 10.16 by membrane filtration using MLGA	A
	Coliforms and <i>E.coli</i> - confirmed	Procedure MET 10.17 based on Microbiology of Drinking Water part 4B 2016	A
Potable water (non-regulatory), recreational water (pools and spas) and process water	Aerobic Colony Count at 22°C and 37°C	Procedure MET 10.04 by pour plate technique, based on the Microbiology of Drinking Water part 7, 2020	A
Potable water (non-regulatory), and recreational water (pools and spas)	<i>Pseudomonas aeruginosa</i> , presumptive and confirmed	Procedure MET 10.07 by membrane filtration, based on the Microbiology of Drinking Water part 8, 2015	A
Potable Water (non-regulatory), process water and recreational water (pools and spas)	Detection and enumeration of: <i>Legionella</i> species	Procedure MET 10.03 by membrane filtration in-house method	A
	Identification of: <i>Legionella pneumophila</i> serogroup 1	Procedure MET 10.03 using latex agglutination	A
	<i>Legionella pneumophila</i> serogroups 2 – 14		
	<i>Legionella</i> species (other than pneumophila)		
END			