Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

1227

Accredited to ISO/IEC 17025:2017

Envirochem Analytical Laboratories Ltd

Issue No: 042 **Issue date:** 06 November 2023

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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 12 The Gardens Broadcut Fareham Hampshire PO16 8SS **Local contact** 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

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
	Health and Hygiene	Health and Safety Executive - Asbestos: The Analysts' Guide (HSG 248) – 2021	
ASBESTOS FIBRES IN AIR	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
	4 Stage Clearance Process	Documented In-House Method No. 3.03, Membrane Filter Method using Phase Contrast Microscopy (PCM) based on HSG 248	B
ASBESTOS IN BULK MATERIALS including materials and products suspected of containing asbestos	Sampling of bulk materials for asbestos identification	Documented In-House Method No. 2.02 based on HSG248	B
	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
ASBESTOS IN SOILS – The Identification of Asbestos fibres in bulk samples of Soil, *specifically*: *Soil*	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

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
	Health and Hygiene (cont'd)	Health and Safety Executive - Asbestos: The Analysts' Guide (HSG 248) – 2021	
ASBESTOS IN SOILS – The Identification and Quantification of Asbestos fibres in bulk samples of Soil, *specifically:* *Soil*	Identification and Quantification of Asbestos content of: Amosite Chrysotile Crocidolite Fibrous Actinolite Fibrous Anthophyllite Fibrous Tremolite	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	Chemical Tests		
Raw Waters, River Waters and Effluents	Bromide Chloride Fluoride Nitrate Sulphate	Procedure 6.02	A
	pH	Procedure 6.03	A
Raw waters, River Waters, Effluents and Leachates	Metals, specifically: Arsenic Barium Cadmium Calcium Chromium Cobalt Copper Iron Lead	Procedure 6.08 using ICP-OES	A

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

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
PAINT	Lead	Procedure 5.18, 6.08 using ICP-OES	A
WATERS	<u>Microbiological Tests</u>		
	Enumeration of:		
Potable water (non-regulatory), and recreational water (pools and spas)	Coliforms and *E.coli* - presumptive	Procedure MET 10.11 by membrane filtration using MLSB	A
	Coliforms and *E.coli* - confirmed	Procedure MET 10.12 based on Microbiology of Drinking Water part 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)	*Pseudomonas aeruginosa,* presumptive and confirmed	Procedure MET 10.07 by membrane filtration, based on the Microbiology of Drinking Water part 8, 2015	A
	Detection and enumeration of:		
Potable Water (non-regulatory), process water and recreational water (pools and spas)	*Legionella* species	Procedure MET 10.03 by membrane filtration based on ISO 11731:1998 (withdrawn)	A
	Identification of:		
	Legionella pneumophila serogroup 1	Procedure MET 10.03 using latex agglutination	A
	Legionella pneumophila serogroups 2 – 14		
	Legionella species (other than pneumophila)		
END			