


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p><b>0369</b></p> <p>Accredited to ISO/IEC 17025:2005</p>	<h3>Somerset Scientific Services</h3> <p><b>Issue No: 055    Issue date: 01 November 2017</b></p>	
	<p><b>Unit 2A Westpark 26</b> Chelston Wellington Somerset TA21 9AD</p>	<p><b>Contact: Mr Iain Hunter</b> Tel: +44 (0)1823 355951 Fax: +44 (0)1823 356119 E-Mail: ITHunter@somerset.gov.uk Website: www.somerset.gov.uk/scientific</p>
<p><b>Testing performed by the Organisation at the locations specified below</b></p>		

### Locations covered by the organisation and their relevant activities

#### Laboratory locations:

Location details	Activity	Location code
<p><b>Address</b> Somerset Scientific Services Unit 2A Westpark 26 Chelston Wellington Somerset TA21 9AD</p> <p><b>Local contact</b> Iain Hunter Tel: +44 (0)1823 355951 Fax: +44 (0)1823 356119 Email: ITHunter@somerset.gov.uk Website: www.somerset.gov.uk/scientific</p>	Chemistry testing	A
<p><b>Address</b> Somerset Scientific Services Unit 2A Westpark 26 Chelston Wellington Somerset TA21 9AD</p> <p><b>Local contact</b> Mrs S Larkman Tel: +44 (0)1823 355195 Fax: +44 (0)1823 356119 Email: sjlarkman@somerset.gov.uk Website: www.somerset.gov.uk/scientific</p>	Health and Hygiene	A

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

Location details	Activity	Location code
Premises including domestic, commercial and industrial	Health and Hygiene	B
Mobile Testing Laboratory	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 for sampling, analysis and clearance procedures (HSG 248)	
	Fibre Counting	HSG 248:February 2005 by Membrane Filter Method using Phase Contrast Microscopy (PCM) by Documented In-House Method No R22	A, C
	Sampling of air for fibre counting	HSG 248:February 2005 by Documented In-House Method No R25	B
ASBESTOS IN BULK MATERIALS including materials and products suspected of containing asbestos	4 Stage Clearance Process	HSG 248:February 2005 by Documented In-House Method No R25	B
	Sampling of bulk materials for asbestos identification	HSG 248:February 2005 by documented in house method No R24	B
	Identification of: Amosite Chrysotile Crocidolite Fibrous Actinolite Fibrous Anthophyllite Fibrous Tremolite	HSG 248:February 2005 by Documented In-House Method No R23 using stereo-microscopy, polarised light microscopy and dispersion staining and phase contrast	A



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WATERS  Raw and Potable (non-regulatory) Waters	<u>Chemical Tests</u>	Methods documented in-house based on/incorporating 'Methods for the Examination of Water and Associated Materials' Dept of the Environment Standing Committee of Analysts identified by method number		
	Aluminium Barium Boron Chromium Copper Iron Manganese Nickel Zinc	W151 by ICP-AES	A	
	Ammonia	W032 based on ISBN 011 751 6139 HMSO 1981	A	
	Calcium Magnesium Sodium Potassium Total Hardness (calculation)	W135 by ICP-AES  (calculation based on Ca and Mg analysis using W135 by ICP-AES)	A	
	Total hardness	W015 based on ISBN 011 751 600 7 HMSO 1981	A	
	Turbidity	W110 by ratio turbidimeter	A	
	Ground waters Process waters	Alkalinity	W014 based on ISBN 011 751 601 5 HMSO 1981	A
		Conductivity (screening method)	W101 based on ISBN 011 751 428 4 HMSO 1978	A



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WATERS (cont'd)	<u>Chemical Tests</u> (cont'd)	Methods documented in-house based on/incorporating 'Methods for the Examination of Water and Associated Materials' Dept of the Environment Standing Committee of Analysts identified by method number (cont'd)	
Ground waters Process waters (cont'd)	Fluoride Chloride Nitrate Phosphate Sulphate	W100 based on ISBN 011 752 331 3 HMSO 1990	A
	Nitrite	W017 based on ISBN 011 751 593 0 HMSO 1981	A
	pH	W001 based on ISBN 011 751 428 4 HMSO 1978	A
	Suspended Solids and Suspended Solids (ignited)	W005 based on ISBN 011 751 957 X HMSO 1980	A
	Total Dissolved Solids	W013 based on ISBN 011 751 957 X HMSO 1980	A
	Total Organic carbon	W003 using autoanalyser	A
	<u>Chemical Tests</u>		
	Ammonia	W153	A
	Biochemical Oxygen Demand	W009 based on ISBN 011 751 630 9	A
	Chemical Oxygen Demand (COD)	W011 using colorimetry	A



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WATERS (cont'd)	<u>Chemical Tests</u> (cont'd)	Methods documented in-house based on/incorporating 'Methods for the Examination of Water and Associated Materials' Dept of the Environment Standing Committee of Analysts identified by method number (cont'd)	
Ground waters Process waters (cont'd)	Nickel Lead Copper Zinc Iron Cadmium Manganese Chromium	W122 by ICP-AES	A
END			