


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

|  |  |   |
|--|--|---|
| <br><b>0369</b><br>Accredited to<br><b>ISO/IEC 17025:2017</b> | <b>Somerset Scientific Services</b>  |   |
|  | <b>Issue No:</b> 061 <b>Issue date:</b> 28 June 2023   |   |
|  | <b>Unit 2A Westpark 26</b><br><b>Chelston</b><br><b>Wellington</b><br><b>Somerset</b><br><b>TA21 9AD</b> | <b>Contact:</b> Dr Darren Clark<br><b>Tel:</b> +44 (0)1823 355906<br><b>E-Mail:</b> <a href="mailto:Darren.clark@somerset.gov.uk">Darren.clark@somerset.gov.uk</a><br><b>Website:</b> <a href="https://www.somersetsscificservices.co.uk/">https://www.somersetsscificservices.co.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><br>Somerset Scientific Services<br>Unit 2A Westpark 26<br>Chelston<br>Wellington<br>Somerset<br>TA21 9AD<br><br><b>Local contact</b><br>Dr Darren Clark<br><br>Tel: +44 (0)1823 355906<br>Email: <a href="mailto:Darren.clark@somerset.gov.uk">Darren.clark@somerset.gov.uk</a><br>Website: <a href="http://www.somerset.gov.uk/scientific">www.somerset.gov.uk/scientific</a>   | Chemistry testing   | A             |
| <b>Address</b><br>Somerset Scientific Services<br>Unit 2A Westpark 26<br>Chelston<br>Wellington<br>Somerset<br>TA21 9AD<br><br><b>Local contact</b><br>Mrs S Larkman<br><br>Tel: +44 (0)1823 355195<br>Email: <a href="mailto:sharon.larkman@somerset.gov.uk">sharon.larkman@somerset.gov.uk</a><br>Website: <a href="http://www.somerset.gov.uk/scientific">www.somerset.gov.uk/scientific</a> | Health and Hygiene<br>Head Office<br><br>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             |



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### Somerset Scientific Services

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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 IN BULK MATERIALS including materials and products suspected of containing asbestos | <u>Health and Hygiene</u>  | Health and Safety Executive - Asbestos: The Analysts' Guide (HSG 248) – 2021  |  |
|  | Sampling of bulk materials for subsequent identification of asbestos   | Documented In-House Method R24 based on HSG 248   | B  |
|  | Identification of:<br>Amosite<br>Chrysotile<br>Crocidolite<br>Fibrous Actinolite<br>Fibrous Anthophyllite<br>Fibrous Tremolite | Documented In-House Method R23 using stereo-microscopy, polarised light optical microscopy and dispersion staining based on HSG 248   | A  |
| WATERS<br><br>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<br>Barium<br>Boron<br>Chromium<br>Copper<br>Iron<br>Manganese<br>Nickel<br>Zinc<br><br>Ammonia                       | W151 by ICP-AES<br><br><br><br><br><br><br><br><br><br>W032 by spectrometry based on ISBN 011 751 6139 HMSO 1981  | A<br><br><br><br><br><br><br><br><br><br>A |



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| Materials/Products tested               | Type of test/Properties measured/Range of measurement                       | Standard specifications/ Equipment/Techniques used   | Location Code |
|---|---|--|---------------|
| 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) |               |
| Raw and Potable (non-regulatory) Waters | Calcium<br>Magnesium<br>Sodium<br>Potassium<br>Total Hardness (calculation) | W135 by ICP-AES<br><br>(calculation based on Ca and Mg analysis using W135 by ICP-AES)   | A             |
| Ground waters<br>Process waters         | Turbidity   | W110 by ratio turbidimeter   | A             |
|   | Alkalinity  | W014 by acid titration based on ISBN 011 751 601 5 HMSO 1981   | A             |
|   | Conductivity  | W101 by conductivity meter based on ISBN 011 751 428 4 HMSO 1978   | A             |
|   | Fluoride<br>Chloride<br>Nitrate<br>Phosphate<br>Sulphate                    | W100 anions by ion chromatography based on ISBN 011 752 331 3 HMSO 1990  | A             |
|   | Nitrite   | W017 by spectrometry based on ISBN 011 751 593 0 HMSO 1981   | A             |
|   | pH  | W001 by pH meter based on ISBN 011 751 428 4 HMSO 1978   | A             |
|   | Suspended Solids and<br>Suspended Solids (ignited)                          | W005 by gravimetry based on ISBN 011 751 957 X HMSO 1980   | 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             | Total Dissolved Solids   | W013 by gravimetry based on ISBN 011 751 957 X HMSO 1980   | A             |
| Process waters (cont'd)   | Ammonia  | W157 by ion chromatography based on ISBN 011752 331 3 HMSO 1990  | A             |
|                           | Biochemical Oxygen Demand  | W009 5-day BOD by dissolved oxygen based on ISBN 011 751 630 9   | A             |
|                           | Chemical Oxygen Demand (COD)   | W011 using colorimetry   | A             |
|                           | Nickel<br>Lead<br>Copper<br>Zinc<br>Iron<br>Cadmium<br>Manganese<br>Chromium | W122 by ICP-AES  | A             |
| END                       |  |  |               |