


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>0919</b> <b>Accredited to ISO/IEC 17025:2017</b>	<b>Fugro GB Limited</b>	
	<b>Issue No:</b> 051 <b>Issue date:</b> 05 June 2025	
	<b>Fugro House</b> <b>Hithercroft Road</b> <b>Wallingford</b> <b>Oxon</b> <b>OX10 9RB</b>	<b>Contact: Ms S Burns</b> <b>Tel: +44 (0)131 4495030</b> <b>E-Mail: s.burns@fugro.com</b> <b>Website: www.fugro.com</b>
<b>Testing performed by the Organisation at the locations specified</b>		

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

#### Laboratory locations:

Location details	Activity	Location code
<b>Address</b> Fugro House Hithercroft Road Wallingford Oxon OX10 9RB	<b>Local contact:</b> Ms A Miliopoulou  Tel: +44 (0)1491 820443 Email: a.miliopoulou@fugro.com Website: www.fugro.com	<b>Support Functions:</b> Quality System Quality Audit Administration  <b>Construction:</b> Soils – Physical and Mechanical Testing
<b>Address</b> Victory House Unit 16 Trafalgar Wharf Hamilton Road Portchester Hampshire PO6 4PX	<b>Local contact:</b> Mr A Addleton  Tel: +44 (0)23 92205577 Email: a.addleton@fugro.com Website: www.fugro.com	<b>Support Functions:</b> Quality System Quality Audit Administration  <b>Sampling and Testing:</b> Sediment Physical Testing Water Testing
<b>Address</b> 1-9 The Curve 32 Research Avenue North Heriot-Watt Research Park Edinburgh EH14 4AP	<b>Local contact</b> Mr A Matkin  Tel: +44 (0)131 4495030 Email: a.matkin@fugro.com Website: www.fugro.com	<b>Support Functions:</b> Quality System Quality Audit Administration  <b>Chemical Testing:</b> Sediment Testing Soils Testing Water Testing
<b>Address</b> Fugro Belgium SRL, Rue du Bosquet 9 1348 Louvain-La-Neuve, Belgium	<b>Local contact</b> Ms A Miliopoulou  Tel: +44 (0)1491 820443 Email: a.miliopoulou@fugro.com Website: www.fugro.com	<b>Support Functions:</b> Quality System Quality Audit Administration  <b>Construction:</b> Soils – Physical and Mechanical Testing

#### Site activities performed away from location B listed above:



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Location details	Activity	Location code
Premises including domestic, commercial and industrial	Sampling for Microbiological Testing	D
Customer Locations - Marine and transitional water environments	Sampling for macrofaunal taxonomy and Physio-chemical analysis of sediments and water	E



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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
SOILS for civil engineering purposes	Moisture content - oven drying method	BS 1377:Part 2:1990	A
	Electrical Resistivity – Cylindrical Samples	BS 1377-3: 2018 Clause 13.3	A
	One-dimensional consolidation properties of saturated cohesive soils using controlled-strain loading	ASTM D4186-12: 2020	A, F
SOIL and SOFT ROCK	Determination of Thermal Conductivity of Soil and Soft Rock by Thermal Needle Probe	ASTM D5334-22	A
ROCK	Water Content	ASTM D2216-19 The Complete ISRM Suggested Methods – Rock Characterization Testing and Monitoring 1974 – 2006, Editors: R Ulusay & J A Hudson	A A
	Determination of the Point Load Strength Index of Rock	ASTM D5731-16  The Complete ISRM Suggested Methods – Rock Characterization Testing and Monitoring 1974 – 2006, Editors: R Ulusay & J A Hudson	A A
GEOTECHNICAL INVESTIGATION and TESTING - Laboratory testing of soil	Water content	BS EN ISO 17892-1:2014 DIN EN ISO 17892-1:2014	A, F
	Bulk density - linear measurement method	BS EN ISO 17892-2:2014 DIN EN ISO 17892-2:2014	A, F
	Particle density - fluid pycnometer method	BS EN ISO 17892-3:2015 DIN EN ISO 17892-3:2015	A, F
	Particle size distribution - sieving method	BS EN ISO 17892-4:2016 DIN EN ISO 17892-4:2016	A, F
	Particle size distribution - pipette method	BS EN ISO 17892-4:2016 DIN EN ISO 17892-4:2016	A, F



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<b>GEOTECHNICAL INVESTIGATION and TESTING</b> - Laboratory testing of soil (cont'd)	Particle size distribution - hydrometer method	BS EN ISO 17892-4:2016 DIN EN ISO 17892-4:2016	F
	Incremental loading oedometer test	BS EN ISO 17892-5:2017 DIN EN ISO 17892-5:2017	A, F
	Unconsolidated undrained triaxial test	BS EN ISO 17892-8:2018 DIN EN ISO 17892-8:2018	A, F
	Consolidated triaxial compression tests on water saturated soils: Isotropic consolidation (CIU and CID)	BS EN ISO 17892-9:2018 Clause 6.4 DIN EN ISO 17892-9:2018 Clause 6.4	A, F
	Consolidated triaxial compression tests on water saturated soils: Anisotropic consolidation (CAU and CAD)	BS EN ISO 17892-9:2018 Clause 6.5 DIN EN ISO 17892-9:2018 Clause 6.5	A, F
	Triaxial Extension Tests – Consolidated triaxial extension tests on water saturated soils: Isotropic tests	Documented in-house method UK-MLB-TCH-PR-711 Triaxial Extension Tests Issue 1.0 01/01/2023	A, F
	Triaxial Extension Tests – Consolidated triaxial extension tests on water saturated soils: Anisotropic tests	Documented in-house method UK-MLB-TCH-PR-711 Triaxial Extension Tests Issue 1.0 01/01/2023	A, F
	Direct shear – shear box test	BS EN ISO 17892-10:2018 DIN EN ISO 17892-10:2018	A, F
	Direct shear – ring shear test	BS EN ISO 17892-10:2018 DIN EN ISO 17892-10:2018	A, F
	Soil-steel interface (ICP) ring shear test	ICP design methods for driven piles in sands and clays' –Jardine et al 2005 (Appendix A)	A, F
	Permeability tests - Rigid wall permeameter	BS EN ISO 17892-11:2019 DIN EN ISO 17892-11:2019	A, F



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GEOTECHNICAL INVESTIGATION and TESTING - Laboratory testing of soil (cont'd)	Permeability tests - Flexible wall permeameter	BS EN ISO 17892-11:2019 DIN EN ISO 17892-11:2019	A, F
	Liquid limit by fall cone method: four-point test	BS EN ISO 17892-12:2018 DIN EN ISO 17892-12:2018	A, F
	Plastic limit	BS EN ISO 17892-12:2018 DIN EN ISO 17892-12:2018	A, F
	Plasticity index	BS EN ISO 17892-12:2018 DIN EN ISO 17892-12:2018	A, F
SEDIMENTS - Marine and freshwater sediments	<u>Physical Tests</u>	Documented In-House Methods	
	Particle size distribution	UK-SED-TCH-WI-001 Particle Size Distribution based on NMBAQC's best practice guidance – Particle Size Analysis (PSA) for Supporting Biological Analysis 2022 using a dry sieving method	B
		UK-SED-TCH-WI-002 Particle Size Distribution based on BS 1377 Parts 1: 2016 and 2: 1990 using a dry sieving method	
	Particle size distribution	UK-SED-TCH-WI-006 Particle Size Distribution by Laser Diffraction / 0.02um to 2000um by Laser Diffraction based on NMBAQC'S Best Practice Guidance – Particle Size Analysis (PSA) for Supporting Biological Analysis 2022 and BS ISO 13320:2020	B
WATERS - Saline and Freshwaters	Suspended solids (Glass fibre paper (1.2 µm) filtration method)	UK-SED-TCH-WI-010 – Total Suspended Solids based on HMSO Methods 1980 and BS 872:2005 using gravimetric weighing	B



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SEDIMENTS - Sediments from Marine and Transitional Waters	<u>Ecological Tests</u>  Marine soft-bottom sediment macrofaunal taxonomy	UK-BEN-TCH-WI-001 - Macrobenthic Sample Analysis	B
MARINE SEDIMENTS SOILS	<u>Chemical Tests</u>  Total Petroleum Hydrocarbons C <sub>10</sub> to C <sub>40</sub>	UK-CHM-TCH-WI-003 - Extraction and Clean-up of Aliphatic and Aromatic Hydrocarbons from Sediments and Soils  UK-CHM-TCH-WI-005 - Analysis of Total and Aliphatic Hydrocarbons from Sediments, Soils and Waters	C
WATERS - Saline and Freshwaters	Total Petroleum Hydrocarbons C <sub>10</sub> to C <sub>40</sub>	UK-CHM-TCH-WI-004 - Extraction and Clean-up of Aliphatic and Aromatic Hydrocarbons from Water  UK-CHM-TCH-WI-005 - Analysis of Total and Aliphatic Hydrocarbons from Sediments, Soils and Waters	C
SEDIMENTS (marine, estuarine etc.)	Metals: Aluminium; Barium; Iron Manganese; Phosphorus Titanium; Vanadium	UK-CHM-TCH-WI-032 Aqua Regia Microwave Digestion of Sediments and Soils  UK-CHM-TCH-WI-033 ICP-OES Analysis of Major and Trace Elements in Sediments Soils after an Aqua Regia Digest	C
	Metals: Antimony; Arsenic; Cadmium Chromium; Cobalt; Copper; Lead; Lithium Mercury; Molybdenum Nickel; Silver; Strontium; Zinc	UK-CHM-TCH-WI-032 Aqua Regia Microwave Digestion of Sediments and Soils  UK-CHM-TCH-WI-034 ICP-MS Analysis of Trace Elements in Sediments and Soils after an Aqua Regia Digest	C



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WATERS	<u>Sampling and subsequent analysis by an ISO/IEC 17025 accredited laboratory for</u>	Documented In-House Methods	
RECREATIONAL - Swimming Pools/SPA's	Microbiological Testing	UK-WQS-TCH-WI-001 - Bacteriological Sampling	D
POTABLE - Non-Regulatory sampling (Hot and cold water supply)	Microbiological Testing	UK-WQS-TCH-WI-001 - Bacteriological Sampling	D
SEDIMENTS	<u>Sampling and subsequent analysis by an ISO/IEC 17025 accredited laboratory for</u>	Documented In-House Methods	
Sediments from Marine and Transitional Waters	Macrofaunal taxonomy and to determine physio-chemical properties of the marine sediment collected by means of grab sampler or corer	UK-ESR-OPL-PR-001 - Ecology Group Survey Methods and Procedures (based on ISO 5667-19:2004 and BS EN ISO 16665:2013).	E
END			