

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p><b>UKAS</b> TESTING <b>0919</b> Accredited to ISO/IEC 17025:2017</p>	<b>Fugro GB Marine Limited</b>  <b>Issue No: 038 Issue date: 05 August 2021</b>	
	<b>Fugro House</b> <b>Hithercroft Road</b> <b>Wallingford</b> <b>Oxon</b> <b>OX10 9RB</b>	<b>Contact: Mr R Failey</b> <b>Tel: +44 (0)1491 820625</b> <b>Fax: +44 (0)1491 820899</b> <b>E-Mail: r.failey@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> Mr T Carrington  Tel: +44 (0)1491 830825 Fax: +44 (0)1491 820899 Email: t.carrington@fugro.com www.fugro.com	<b>Support Functions:</b> Quality System Quality Audit Administration  <b>Construction:</b> Soils – Physical and Mechanical Testing	A
<b>Address</b> Victory House Unit 16 Trafalgar Wharf Hamilton Road Portchester Hampshire PO6 4PX	<b>Local contact:</b> Mr R Failey  Tel: +44 (0)1491 820625 Fax: +44 (0)1491 820899 Email: r.failey@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
<b>Address</b> 1-9 The Curve 32 Research Avenue North Heriot-Watt Research Park Edinburgh EH14 4AP	<b>Local contact</b> Mr R Failey  Tel: +44 (0)1491 820625 Fax: +44 (0)1491 820899 Email: r.failey@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	C
<b>Address</b> Fugro Belgium SRL, Rue du Bosquet 9 1348 Louvain-La-Neuve, Belgium	<b>Local contact</b> Mr R Failey  Tel: +44 (0)1491 820625 Fax: +44 (0)1491 820899 Email: r.failey@fugro.com Website: www.fugro.com	<b>Support Functions:</b> Quality System Quality Audit Administration  <b>Construction:</b> Soils – Physical and Mechanical Testing	F



Accredited to  
ISO/IEC 17025:2017

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**Fugro GB Marine Limited**  
**Issue No: 038    Issue date: 05 August 2021**

Testing performed by the Organisation at the locations specified

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

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



0919

Accredited to  
ISO/IEC 17025:2017

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**Fugro GB Marine Limited**  
**Issue No: 038 Issue date: 05 August 2021**

Testing performed by the Organisation at the locations specified

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
	Permeability in a triaxial cell	BS 1377:Part 6:1990	A
	Effective shear strength - consolidated-undrained triaxial compression test with measurement of pore pressure	BS 1377:Part 8:1990 (withdrawn)	A
	Effective shear strength - consolidated-drained triaxial compression test with measurement of volume change	BS 1377:Part 8:1990 (withdrawn)	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 D4186-20	A
	Effective shear strength - (isotropically) consolidated undrained triaxial extension test with measurement of pore pressure	Documented In-House Method No. EUAF-FGBM-SOIL-TM-701 Version 2.0	A
	Effective shear strength - (anisotropically) consolidated undrained triaxial extension test with measurement of pore pressure	Documented In-House Method No. EUAF-FGBM-SOIL-TM-701 Version 2.0	A
Effective shear strength - (anisotropically) consolidated undrained triaxial compression test with measurement of pore pressure	Documented In-House Method No. EUAF-FGBM-SOIL-TM-701 Version 2.0	A	



0919

Accredited to  
ISO/IEC 17025:2017

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**Fugro GB Marine Limited**  
**Issue No: 038 Issue date: 05 August 2021**

**Testing performed by the Organisation at the locations specified**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
SOILS for civil engineering purposes (cont'd)	Effective shear strength - (anisotropically) consolidated drained triaxial compression test with measurement - of volume change	Documented In-House Method No. EUAF-FGBM-SOIL-TM-701 Version 2.0	A
	Dry density/moisture content relationship (vibrating hammer)	Documented In-House Method No. EUAF-FGBM-SOIL-TM-499 version 2.0	A
GEOTECHNICAL INVESTIGATION and TESTING - Laboratory testing of soil	Water content	BS EN ISO 17892-1:2014	A, F
	Bulk density - linear measurement method	BS EN ISO 17892-2:2014	A, F
	Particle density - fluid pycnometer method	BS EN ISO 17892-3:2015	A, F
	Particle size distribution - sieving method	BS EN ISO 17892-4:2016	A, F
	Particle size distribution - pipette method	BS EN ISO 17892-4:2016	A
	Particle size distribution - hydrometer method	BS EN ISO 17892-4:2016	F
	Incremental loading oedometer test	BS EN ISO 17892-5:2017	A
	Unconsolidated undrained triaxial test	BS EN ISO 17892-8:2018	A, F
	Direct shear – shear box test	BS EN ISO 17892-10:2018	A
	Direct shear – ring shear test	BS EN ISO 17892-10:2018	A
	Liquid limit by fall cone method: four-point test	BS EN ISO 17892-12:2018	A, F
	Liquid limit by fall cone method; one-point test	BS EN ISO 17892-12:2018	A, F
Plastic limit	BS EN ISO 17892-12:2018	A, F	



0919

Accredited to  
ISO/IEC 17025:2017

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**Fugro GB Marine Limited**  
**Issue No: 038 Issue date: 05 August 2021**

**Testing performed by the Organisation at the locations specified**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
GEOTECHNICAL INVESTIGATION and TESTING - Laboratory testing of soil (cont'd)	Plasticity index	BS EN ISO 17892-12:2018	A, F
SEDIMENTS - Marine and freshwater sediments	<u>Physical Tests</u> Particle size distribution	Documented In-House Methods  EUAF-FGBM-SED-TM-001 Particle Size Distribution based on NMBAQC's best practice guidance – Particle Size Analysis (PSA) for Supporting Biological Analysis 2016 using a dry sieving method  EUAF-FGBM-SED-TM-002 Particle Size Distribution based on BS 1377 Parts 1: 2016 and 2: 1990 using a dry sieving method	B
	Particle size distribution	EUAF-FGBM-SED-TM-006 Particle Size Distribution by Laser Diffraction / 0.02um to 2000um - by Malvern Mastersizer 2000 Laser Diffraction based on NMBAQC'S Best Practice Guidance – Particle Size Analysis (PSA) for Supporting Biological Analysis 2016 and BS ISO 13320:2020	B
WATERS - Saline and Freshwaters	Suspended solids (Glass fibre paper (1.2 µm) filtration method)	EUAF-FGBM-SED-TM-010 – Total Suspended Solids based on HMSO Methods 1980 and BS 872:2005 using gravimetric weighing	B
SEDIMENTS - Sediments from Marine and Transitional Waters	<u>Ecological Tests</u> Marine soft-bottom sediment macrofaunal taxonomy	EUAF-FGBM-BEN-TM-001 - Macrobenthic Sample Analysis	B



0919

Accredited to  
ISO/IEC 17025:2017

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**Fugro GB Marine Limited**  
**Issue No: 038    Issue date: 05 August 2021**

**Testing performed by the Organisation at the locations specified**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
MARINE SEDIMENTS SOILS	<u>Chemical Tests</u> Total Petroleum Hydrocarbons C <sub>10</sub> to C <sub>40</sub>	EUAF-FGBM-CHEM-TM-003 - Extraction and Clean-up of Aliphatic and Aromatic Hydrocarbons from Sediments and Soils  EUAF-FGBM-CHEM-TM-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>	EUAF-FGBM-CHEM-TM-004 - Extraction and Clean-up of Aliphatic and Aromatic Hydrocarbons from Water  EUAF-FGBM-CHEM-TM-005 - Analysis of Total and Aliphatic Hydrocarbons from Sediments, Soils and Waters	C
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	EUAF-FGBM-WQS-TM-001 - Bacteriological Sampling	D
POTABLE - Non-Regulatory sampling (Hot and cold water supply)	Microbiological Testing	EUAF-FGBM-WQS-TM-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	PR25_001 - Ecology Group Survey Methods and Procedures (based on ISO 5667-19:2004 and BS EN ISO 16665:2013).	E
END			