

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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



9979

Accredited to
ISO/IEC 17025:2005

Horizon Geotechnical Company FZC

Issue No: 001

Issue date: 26 October 2017

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Testing performed at the above address only

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
SOILS for civil engineering purposes	Moisture content- oven drying method	BS 1377 Part 2:1990
	Liquid limit - cone penetrometer	BS 1377 Part 2:1990
	Liquid limit - cone penetrometer - single point	BS 1377 Part 2:1990
	Plastic limit	BS 1377 Part 2:1990
	Plasticity index and liquidity index	BS 1377 Part 2:1990
	Particle size distribution - wet sieving	BS 1377 Part 2:1990
	Particle size distribution - dry sieving	BS 1377 Part 2:1990
	Particle size distribution - hydrometer method	BS 1377 Part 2:1990
	Particle density – small pyknometer	BS 1377 Part 2:1990
	Undrained shear strength – triaxial compression without measurement of pore pressure	BS 1377 Part 7:1990
	Shear strength - small shearbox	BS 1377 Part 7:1990
	Consolidation	BS 1377 Part 5: 1990
Preparation of soil and its water extract for analysis for sulphate content	BS 1377 Part 3:1990	



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SOILS for civil engineering purposes (cont'd)	Determination of Chloride Content- Determination of water soluble chloride content	BS 1377 Part 3:1990, Clause 7.2
	Determination of the chloride content-Determination of acid soluble chloride content	BS 1377 Part 3:1990, Clause 7.3
	Determination of the sulphate content of soil, -Preparation of soil and its acid extract, -Preparation of soil and its water extract, - Gravimetric method for analysis of acid or water extract	BS 1377:1990 Part 3 Clauses 5.2, 5.3 & 5.5
	Determination of the pH value	BS 1377 Part 3:1990, Clause 9
	Determination of the mass loss on ignition, Organic matter in the soil	BS 1377 Part 3:1990, Clause 4
	Determination of carbonate content of soil	BS 1377 Part 3 1990, Clause 6.3
	Standard test method for Unconsolidated – Undrained Triaxial Compression Test on Cohesive Soils	ASTM D2850 – 15
	Standard test method for laboratory miniature vane shear test for saturated fine-grained clayey soil	ASTM D4648 / D4648M - 16
	Determination of Thermal Conductivity of Soil and Soft Rock by Thermal Needle Probe Procedure	ASTM D5334-14
	Standard Test Method for Field Measurement of Soil Resistivity Using the Wenner Four-Electrode Method	ASTM G57 - 06(2012) Clause 7.2
Standard test method for laboratory determination of water (moisture) content of soil and rock by mass	ASTM D2216-10	



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SOILS for civil engineering purposes (cont'd)	Standard test method for determination of the point load strength index of rock and application to rock strength classification	ASTM D5731-16
	Dry Preparation of soil samples for particle-size analysis and determination of soil constants	ASTM D421-85 (2007)
	Wet Preparation of Soil Samples for Particle Size Analysis and Determination of Soil Constants	ASTM D2217-88 (withdrawn and not replaced)
	Standard test method for particle-size analysis of soils	ASTM D422-63 (2007) e2
	Standard test method for rapid determination of carbonate content of soils	ASTM D4373-14
GEOTECHNICAL INVESTIGATION and TESTING - Laboratory testing of soil	Water content	BS EN ISO 17892-1:2014
	Bulk density - linear measurement method	BS EN ISO 17892-2:2014
	Determination of particle density – fluid pycnometer method	BS EN ISO 17892-3:2015
	Determination of particle size distribution -sieving method	BS EN ISO 17892-4:2016
	Determination of particle size distribution -hydrometer method	BS EN ISO 17892-4:2016
	Incremental loading oedometer test	BS EN ISO 17892-5: 2017
END		