Schedule of Accreditation

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United Kingdom Accreditation Service

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Accredited to ISO/IEC 17025:2017

Geotechnical Engineering Ltd

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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
ROCK	Unconfined compressive strength of rock cores	The Complete ISRM Suggested Methods for Rock Characterisation, Testing and Monitoring: 1974-2006. Editors: R Ulusay & J A Hudson
	Point load strength and anisotropy indices	ISRM Commission on Testing Methods. Suggested Method for Determining Point Load Strength 1985
GEOTECHNICAL INVESTIGATION and TESTING - Laboratory testing of soil	Water content	BS EN ISO 17892-1:2014+A1:2022
	Bulk density - linear measurement method	BS EN ISO 17892-2:2014
	Bulk density - immersion in fluid method	BS EN ISO 17892-2:2014
	Particle density - fluid pycnometer method	BS EN ISO 17892-3:2015
	Particle size distribution - sieving method	BS EN ISO 17892-4:2016
	Particle size distribution - pipette method	BS EN ISO 17892-4:2016
	Incremental loading oedometer	BS EN ISO 17892-5:2017
	Unconsolidated undrained triaxial test	BS EN ISO 17892-8:2018
	Consolidated (isotropically) triaxial compression tests on water saturated soils	BS EN ISO 17892-9:2018
	Direct shear using the small shearbox test apparatus	BS EN ISO 17892-10:2018

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
GEOTECHNICAL INVESTIGATION and TESTING - Laboratory testing of soil (cont'd)	Determination of permeability using a flexible wall permeameter	BS EN ISO 17892-11:2019
	Liquid limit by the fall cone method	BS EN ISO 17892-12:2018+A2:2022
	Liquid limit by the fall cone method - one point method	BS EN ISO 17892-12:2018+A2:2022
	Plastic limit	BS EN ISO 17892-12:2018+A2:2022
	Plasticity index	BS EN ISO 17892-12:2018+A2:2022
SOILS for civil engineering purposes	Saturation water content of chalk	BS 1377-2:2022
	Dry density/water content relationship (2.5 kg rammer)	BS 1377-2:2022
	Dry density/water content relationship (4.5 kg rammer)	BS 1377-2:2022
	California Bearing Ratio (CBR)	BS 1377-2:2022
	Undrained shear strength - triaxial compression without measurement of pore pressure	BS 1377-7:1990
	Undrained shear strength - triaxial compression with multistage loading and without measurement of pore pressure	BS 1377-7:1990
	Effective shear strength – consolidated-undrained triaxial compression test with measurement of pore pressure	BS 1377- 8:1990

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
SOILS for civil engineering purposes (cont'd)	Effective shear strength – consolidated-undrained triaxial compression test with measurement of pore pressure – multistage loading on a single specimen	BS 1377- 8:1990 and Manual of Soil Laboratory Testing, Volume 3: 2014, K.H. Head & R.J. Epps
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