Schedule of Accreditation

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Soil Engineering Geoservices Limited

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Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

Contact: Mr K Walker
Tel: +44 (0)113 385 9157
E-Mail: Kevin.Walker@soil-engineering.co.uk
Website: www.soil-engineering.co.uk

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
Address Parkside Lane Dewsbury Road Leeds LS11 5SX	**Contact** Mr K Walker	Testing: Aggregates; physical tests Rock; physical & mechanical tests Soils; physical & mechanical tests	Laboratory

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
AGGREGATES	Magnesium sulphate test	BS EN 1367-2: 2009	Laboratory
ROCK	Point load strength and anisotropy indices	ISRM Commission on Testing Methods. Suggested Method for Determining Point Load Strength 1985	Laboratory
	Water content	ISRM Suggested Methods - Rock Characterization Testing and Monitoring. Ed. E T Brown - 1981	Laboratory
	Porosity and density - by saturation and calliper techniques	ISRM Suggested Methods - Rock Characterization Testing and Monitoring. Ed. E T Brown - 1981	Laboratory
	Porosity and density - by saturation and buoyancy techniques	ISRM Suggested Methods - Rock Characterization Testing and Monitoring, Ed. E T Brown - 1981	Laboratory
	Slake-durability index	ISRM Suggested Methods - Rock Characterization Testing and Monitoring. Ed. E T Brown - 1981	Laboratory
	Uniaxial compressive strength	ISRM Suggested Methods – Rock Characterization Testing and Monitoring. Ed. E T Brown - 1981	Laboratory
	Strength and deformability under uniaxial compression (Young's Modulus and Poisson's Ratio)	ISRM Suggested Methods – Rock Characterization Testing and Monitoring. Ed. E T Brown - 1981	Laboratory
	Determination of Schmidt rebound hardness.	ISRM Suggested Methods – Rock Characterization Testing and Monitoring. Ed. E T Brown - 1981	Laboratory
	Determination of Abrasiveness of Rock Using the CERCHAR Method	ASTM D7625-10	Laboratory

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ROCK (cont'd)	Determining the Abrasivity of Rock by the CERCHAR Abrasivity Test	The ISRM Suggested Methods for Rock Characterization, Testing and Monitoring: 2007-2014	Laboratory
	Laboratory Determination of Direct Shear Strength	The ISRM Suggested Methods for Rock Characterization, Testing and Monitoring: 1974 - 2006	Laboratory
	Determination of Indirect Tensile Strength by the Brazil test	The ISRM Suggested Methods for Rock Characterization, Testing and Monitoring: 1974 - 2006	Laboratory
GEOTECHNICAL INVESTIGATION and - TESTING Laboratory testing of soil	Water content	BS EN ISO 17892-1:2014 +A1:2022	Laboratory
	Density - linear measurement method	BS EN ISO 17892-2:2014	Laboratory
	Density - immersion in fluid method	BS EN ISO 17892-2:2014	Laboratory
	Density – fluid displacement method	BS EN ISO 17892-2:2014	Laboratory
	Particle density - fluid pyknometer method	BS EN ISO 17892-3:2015	Laboratory
	Particle size distribution - sieving method	BS EN ISO 17892-4:2016	Laboratory
	Particle size distribution - hydrometer method	BS EN ISO 17892-4:2016	Laboratory
	Particle size distribution - pipette method	BS EN ISO 17892-4:2016	Laboratory
	Liquid limit – fall cone method	BS EN ISO 17892-12:2018 +A2:2022	Laboratory
	Plastic limit	BS EN ISO 17892-12:2018 +A2:2022	Laboratory

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 +A2:2022	Laboratory
SOILS for civil engineering purposes	Water Content	BS 1377-2:2022	Laboratory
	Saturation moisture content of chalk	BS 1377-2:1990	Laboratory
	Liquid limit - cone penetrometer (definitive method)	BS 1377-2:2022	Laboratory
	Liquid limit - one point cone penetrometer	BS 1377-2:2022	Laboratory
	Plastic limit	BS 1377-2:2022	Laboratory
	Plastic limit and plasticity index	BS 1377-2:2022	Laboratory
	Shrinkage characteristics – linear shrinkage	BS 1377-2:2022	Laboratory
	Density - linear measurement	BS 1377-2:2022	Laboratory
	Density – immersion in fluid	BS 1377-2:2022	Laboratory
	Density – fluid displacment	BS 1377-2:2022	Laboratory
	Particle density - gas jar	BS 1377-2:2022	Laboratory
	Particle density – fluid pycnometer	BS 1377-2:2022	Laboratory
	Particle size distribution - sieving	BS 1377-2:2022	Laboratory
	Particle size distribution - pipette	BS 1377-2:2022	Laboratory

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)	Particle size distribution - hydrometer	BS 1377-2:2022	Laboratory
	Dry density/water content relationship (2.5kg rammer)	BS 1377-2:2022	Laboratory
	Dry density/water content relationship (4.5kg rammer)	BS 1377-2:2022	Laboratory
	Dry density/water content relationship (vibrating hammer)	BS 1377-2:2022	Laboratory
	Moisture condition value (MCV)	BS 1377-4:1990	Laboratory
	Moisture condition value (MCV)	TRL Report 273 : Use and application of the MCA with particular reference to glacial tills. (G D Matheson & M G Winter)	Laboratory
	Chalk crushing value	BS 1377-4:1990	Laboratory
	California Bearing Ratio (CBR)	BS 1377-2:2022	Laboratory
	California Bearing Ratio (CBR) - soaked	BS 1377-2:2022	Laboratory
	One-dimensional consolidation properties	BS 1377-5:1990	Laboratory
	Determination of swelling and collapse characteristics –	BS 1377-5: 1990	Laboratory
	Permeability - constant head method	BS 1377-5:1990	Laboratory
	Consolidation properties using a hydraulic cell	BS 1377-6:1990	Laboratory
	Permeability in a hydraulic consolidation cell	BS 1377-6:1990	Laboratory
	Permeability in a triaxial cell	BS 1377-6:1990	Laboratory
	Shear strength - small shear box	BS 1377-7:1990	Laboratory

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)	Residual strength - small ring shear apparatus	BS 1377-7:1990	Laboratory
	Unconfined compressive strength - load frame method	BS 1377-7:1990	Laboratory
	Undrained shear strength - triaxial compression without measurement of pore pressure	BS 1377-7:1990	Laboratory
	Shear strength - large shear box	BS 1377-7:1990	Laboratory
	Undrained shear strength - triaxial compression with multistage loading and without measurement of pore pressure	BS 1377-7:1990	Laboratory
	Effective shear strength - consolidated-undrained triaxial compression test with measurement of pore pressure	BS 1377-8:1990	Laboratory
	Effective shear strength - consolidated-drained triaxial compression test with measurement of volume change	BS 1377-8:1990	Laboratory
	Effective shear strength - consolidated drained multistage triaxial compression test with measurement of volume change	Documented In-House Method based on K H Head: Manual of Soils Testing, Vol 3	Laboratory
	Effective shear strength - consolidated undrained multistage triaxial compression test with measurement of pore pressure	Documented In-House Method based on K H Head: Manual of Soils Testing, Vol 3	Laboratory

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