Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

27572

Accredited to ISO/IEC 17025:2017

Earthworks Testing Ltd

Issue No: 007 **Issue date:** 18 December 2024

The Mill
Pury Hill Business Park
Alderton Road
Towcester
Northants
NN12 7LS

Contact: Mr Andy Tonge
Tel: +44 (0)345 216 2900
E-Mail: at@earthworkstesting.co.uk

Testing performed by the Organisation at the locations specified

Locations covered by the organisation and their relevant activities

Laboratory location:

Location details		Activity	Location code
Address Unit 6, Eco Way Dunscroft Doncaster DN7 4JJ	**Local contact** Mr Andy Tonge Tel: +44 (0)345 216 2900 E-Mail: at@earthworkstesting.co.uk	Construction materials laboratory	Laboratory

Site activities performed away from the location listed above:

Location details		Activity	Location code
All locations suitable for the activities listed	**Local contact** Mr T McDonald	Site sampling and testing	Site

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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location
AGGREGATES	Sampling from stockpiles	BS EN 932-1:1997	Site
	Sample reduction using a riffle box	BS EN 932-2:1999	Laboratory
	Sample reduction by quartering	BS EN 932-2:1999	Laboratory
	Particle Size Distribution of Aggregates – Sieving Method	BS EN 933-1: 2012	Laboratory
	Determination of water content	BS EN 1097-5:2008	Laboratory
CONCRETE – fresh	Sampling fresh concrete on site - composite sample - spot sample	BS EN 12350-1: 2019	Site
	Slump	BS EN 12350-2: 2019	Site
	Making cubic specimens for strength tests including initial curing	BS EN 12390-2: 2019	Site Laboratory
CONCRETE – hardened	Curing cubic specimens for strength tests	BS EN 12390-2: 2019	Laboratory
	Shape & Dimensions of cubic specimens	BS EN 12390-1: 2021	Laboratory
	Density	BS EN 12390-7: 2019 + AC:2020	Laboratory
	Compressive Strength of cubic specimens – including curing	BS EN 12390-3: 2019	Laboratory
SOILS for civil engineering purposes	Moisture content	BS1377-2:1990	Laboratory
	Particle density by gas jar method	BS 1377-2:1990	Laboratory
	Determination of Liquid Limit - One Point Cone Penetrometer method	BS 1377-2:1990	Laboratory

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location
SOILS for civil engineering purposes, (cont'd)	Plastic Limit	BS 1377-2:1990	Laboratory
	Plasticity Index	BS 1377-2:1990	Laboratory
	Particle Size Distribution – Sieving Method	BS 1377-2:1990	Laboratory
	Particle Size Distribution – Hydrometer	BS 1377-2:1990	Laboratory
	Dry density/moisture content relationship (2.5 kg rammer)	BS 1377-4:1990	Laboratory
	Dry density/moisture content relationship (4.5 kg rammer)	BS 1377-4:1990	Laboratory
	Dry density/moisture content relationship (Vibrating Hammer)	BS 1377-4:1990	Laboratory
	California Bearing Ratio (CBR)	BS 1377-4:1990	Laboratory
	Moisture condition value (MCV) - natural moisture content	BS 1377-4:1990	Laboratory
	Determination of Undrained Shear Strength in Triaxial Compression Without Measurement of Pore Pressure – single stage (definitive method)	BS 1377-7: 1990	Laboratory
	In-situ density - core cutter method	BS 1377-9:1990	Site
	In-situ density - sand replacement method (large pouring cylinder)	BS 1377-9:1990	Site
	In-situ bulk density - nuclear method - comparative tests	BS 1377-9:1990	Site

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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location
SOILS for civil engineering purposes, (cont'd)	In-situ bulk density - nuclear method - absolute tests	BS 1377-9:1990	Site
	In-situ bulk density - nuclear method - compliance tests	BS1377-9:1990	Site
	In-situ moisture density - nuclear method - comparative tests	BS 1377-9: 1990	Site
	In-situ moisture density - nuclear method - absolute tests	BS 1377-9: 1990	Site
	In-situ moisture density - nuclear method - compliance tests	BS 1377-9: 1990	Site
	Vertical deformation and strength characteristics of soil by the plate loading test	BS1377-9:1990	Site
	Calculation of nominal CBR value using the plate bearing test	Design Manual for Roads and Bridges, Interim Advice Note 73/06, Rev 1: 2009	Site
GEOTECHNICAL INVESTIGATION and TESTING - Laboratory testing of soil	Water content	BS EN ISO 17892-1:2014+A1:2022	Laboratory
HYDRAULICALLY BOUND MIXTURES	Moisture condition value (natural moisture content)	BS EN 13286-46:2003	Laboratory
		BS EN 13286-46:2003	Laboratory
	California bearing ratio, immediate bearing index and linear swelling	BS EN 13286-47:2021	Laboratory
END			