Schedule of Accreditation

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United Kingdom Accreditation Service

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

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Accredited to ISO/IEC 17025:2017

White Rose Laboratory Services Ltd

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Testing performed by the Organisation at the locations specified

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details		Activity	Location code
Lumley Street Castleford West Yorkshire WF10 5LB	**Local contact:** Mr J Church	Laboratory testing	Laboratory

Site activities performed away from the locations listed above:

Location details		Activity	Location code
All locations suitable for the activities listed	**Local contact:** Mr J Church	Site sampling and testing	Site

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
AGGREGATES	Methods for sampling - from stockpiles	BS EN 932-1:1997 Clause 8.8	Site
	Particle size distribution - sieving method	BS EN 933-1:2012	Laboratory
	Particle shape - flakiness index	BS EN 933-3:2012	Laboratory
	Resistance to wear (micro-Deval)	BS EN 1097-1:2011	Laboratory
	Resistance to fragmentation by the Los Angeles method	BS EN 1097-2:2020	Laboratory
	Water content - drying in a ventilated oven	BS EN 1097-5:2008	Laboratory
	Particle density and water absorption - particles between 4 mm and 31.5 mm	BS EN 1097-6:2013 Clause 8	Laboratory
	Particle density and water absorption - particles between 0.063 mm and 4 mm	BS EN 1097-6:2013 Clause 9	Laboratory
	Magnesium Sulphate Tests	BS EN 1367-2:2009	Laboratory
CONCRETE – fresh	Sampling - composite sample - spot sample	BS EN 12350-1:2019	Site
	Slump	BS EN 12350-2:2019	Site
	Making test cubes and curing	BS EN 12390-2:2019	Site & Laboratory
CONCRETE – hardened	Compressive strength of cubes	BS EN 12390-3:2019 BS EN 12390-1:2012	Laboratory
	Curing	BS EN 12390-2:2019	Laboratory
	Density	BS EN 12390-7:2019	Laboratory

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	Laboratory
	Liquid limit - cone penetrometer	BS 1377: Part 2:1990	Laboratory
	Liquid limit - cone penetrometer - one point	BS 1377: Part 2:1990	Laboratory
	Plastic limit	BS 1377: Part 2:1990	Laboratory
	Plasticity index	BS 1377: Part 2:1990	Laboratory
	Particle density -gas jar	BS 1377: Part 2:1990	Laboratory
	Particle size distribution - wet sieving	BS 1377: Part 2:1990	Laboratory
	Particle size distribution - dry sieving	BS 1377: Part 2:1990	Laboratory
	Particle size distribution - sedimentation - hydrometer method	BS 1377: Part 2:1990	Laboratory
	Saturation moisture content of chalk	BS 1377: Part 2:1990	Laboratory
	Dry density/moisture content relationship (2.5 kg rammer)	BS 1377: Part 4:1990	Laboratory
	Dry density/moisture content relationship (4.5 kg rammer)	BS 1377: Part 4:1990	Laboratory
	Dry density/moisture content relationship (vibrating hammer)	BS 1377: Part 4:1990	Laboratory
	MCV - natural moisture content	BS 1377: Part 4:1990	Laboratory Site
	MCV/moisture content relation	BS 1377: Part 4:1990	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)	California Bearing Ratio (CBR)	BS 1377: Part 4:1990	Laboratory
	Swelling of soaked CBR specimen	BS 1377: Part 4:1990	Laboratory
	Undrained shear strength - triaxial compression without measurement of pore pressure	BS 1377: Part 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 - compliance tests	BS 1377-9:1990	Site
	In-situ bulk density - nuclear method - absolute tests	BS 1377-9:1990	Site
	In-situ bulk density - nuclear method - comparative tests	BS 1377-9:1990	Site
	In-situ moisture density - nuclear method - compliance tests	BS 1377-9:1990	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 CBR	BS 1377-9:1990	Site

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)	Vertical deformation and strength characteristics by the incremental plate bearing test	BS 1377-9:1990	Site
	Calculation of Equivalent CBR value using the plate bearing test	Design Manual for Roads and Bridges: Volume 7: Pavement Design and Maintenance - Foundations IAN 73/06 Rev 1 (2009)	Site
	Moisture content - oven drying method	BS 1377-2:2022	Laboratory
	Liquid limit - cone penetrometer	BS 1377-2:2022	Laboratory
	Liquid limit - cone penetrometer - one point	BS 1377-2:2022	Laboratory
	Plastic limit	BS 1377-2:2022	Laboratory
	Plasticity index	BS 1377-2:2022	Laboratory
	Particle density -gas jar	BS 1377-2:2022	Laboratory
	Particle size distribution - wet sieving	BS 1377-2:2022	Laboratory
	Particle size distribution - dry sieving	BS 1377-2:2022	Laboratory
	Particle size distribution - sedimentation - hydrometer method	BS 1377-2:2022	Laboratory
	Saturation moisture content of chalk	BS 1377-2:2022	Laboratory
	Dry density/moisture content relationship (2.5 kg rammer)	BS 1377-2:2022	Laboratory
	Dry density/moisture content relationship (4.5 kg rammer)	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)	Dry density/moisture content relationship (vibrating hammer)	BS 1377-2:2022	Laboratory
	MCV - natural moisture content	BS 1377-2:2022	Laboratory Site
	MCV/moisture content relation	BS 1377-2:2022	Laboratory
	California Bearing Ratio (CBR)	BS 1377-2:2022	Laboratory
	Swelling of soaked CBR specimen	BS 1377-2:2022	Laboratory
	Undrained shear strength - triaxial compression without measurement of pore pressure	BS 1377-2:2022	Laboratory
Geotechnical investigation and testing - Laboratory testing of soil	Water content	BS EN 17892-1:2014 Laboratory	Laboratory
	Particle size distribution	BS EN 17892-4: 2016	Laboratory
	Undrained shear strength - triaxial compression without measurement of pore pressure	BS EN 17892-8:2018	Laboratory
	Liquid limit Fall cone method	BS EN 17892-12:2018	Laboratory
	Plastic limit	BS EN 17892-12:2018	Laboratory
	Plasticity index	BS EN 17892-12:2018	Laboratory
Unbound and Hydraulically Bound Mixtures	Laboratory reference density and water content.	BS EN 13286-4:2003	Laboratory
	Determination of Degree of Pulverization	BS EN 13286-48:2005	Site
END			