


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS TESTING</p> <p>8011</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p>TD Construction Testing Ltd</p> <p>Issue No: 015 Issue date: 20 October 2021</p>	
	<p>Gerard Hall 40 Lord Street St. Helens Merseyside WA10 2SD</p>	<p>Contact: Mr Tom Robinson Tel: +44 (0) 1744 734 769 E-Mail: tom.robinson@tdconstructiontesting.co.uk Website: www.tdconstructiontesting.co.uk</p>
<p>Testing performed by the Organisation at the locations specified</p>		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
<p>Address Gerards Hall Lord Street St. Helens WA10 2SP</p> <p>Local contact Mr Tom Robinson</p>	<p>Testing: Aggregates - physical tests Concrete - mechanical tests, physical tests Soils for Civil Engineering purposes - mechanical tests, physical tests Unbound and Hydraulically Bound Mixtures – mechanical tests</p>	A

Site activities performed away from the locations listed above:

Location details	Activity	Location code
<p>All locations suitable for the activities listed</p> <p>Local contact Mr Tom Robinson</p>	<p>Sampling: Aggregates; Concrete; Soils</p> <p>Testing: Bituminous Road Surfacing Concrete - mechanical tests, physical tests Geotechnical Investigation and Testing - Laboratory testing of soil Soils for Civil Engineering Purposes - mechanical tests, physical tests Roads Pavement Surfaces</p>	B



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
AGGREGATES	Frost heave	BS 812-124:2009	A
	Sampling aggregates - from stockpiles	BS EN 932-1:1997	B
	Methods of reducing laboratory samples - using ariffle box; - reduction by quartering; - to a test portion of a specified mass within a small tolerance	BS EN 932-2:1999	A
	Particle size distribution - sieving method	BS EN 933-1:2012	A
	Uniformity coefficient	Specification for Highway Works Table 6/1	A
	Flakiness index	BS EN 933-3:2012	A
	Constituents of coarse recycled aggregate	BS EN 933-11:2009	A
	Resistance to wear (micro-Deval)	BS EN 1097-1:2011	A
	Resistance to wear (micro-Deval)	BS EN 1097-1:2011 Annex A	A
	Resistance to fragmentation of coarse aggregate - Los Angeles method	BS EN 1097-2:2020	A
	Resistance to fragmentation of coarse aggregate - Los Angeles method	BS EN 1097-2:2020 Annex A	A
	Water content - drying in a ventilated oven	BS EN 1097-5:2008	A
	Magnesium sulfate test	BS EN 1367-2:2009 - aggregate particles between 10mm and 14mm	A



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BITUMINOUS MIXTURES for roads and other paved areas	Maximum density – volumetric procedure	BS EN 12697-5:2018	A
	Bulk density - dry - saturated surface dry (SSD) - sealed specimen - by dimensions	BS EN 12697-6:2020	A
	Air voids content	BS EN 12697-8:2018	A
	Sampling - from around the augers of the paver - from workable material in heaps - coated chippings from stockpiles - of finished material (core cutter method)	BS EN 12697-27:2017	B
	Preparation of samples for the determining binder content, water content and grading	BS EN 12697-28:2020	A & B
	Determination of the dimensions of a bituminous sample	BS EN 12697-29:2020	A
	Core logging	Documented In-house Method S2a	A
CONCRETE - fresh	Sampling fresh concrete on site - composite sample - spot sample	BS EN 12350-1:2019	B
	Slump	BS EN 12350-2:2019	B
	Air content - pressure gauge method	BS EN 12350-7:2019	B
	Making cubic specimens for strength tests	BS EN 12390-2:2019	A & B



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CONCRETE - hardened	Compressive strength of cubes - including curing and shape & dimensions	BS EN 12390-3:2019 BS EN 12390-2:2019 BS EN 12390-1:2012	A
	Density	BS EN 12390-7:2019	A
SOILS for civil engineering purposes	Moisture content (oven drying method)	BS 1377-2:1990	A
	Liquid limit : cone penetrometer (definitive method)	BS 1377-2:1990	A
	Liquid limit : cone penetrometer (one point)	BS 1377-2:1990	A
	Plastic limit	BS 1377-2:1990	A
	Plasticity index	BS 1377-2:1990	A
	Particle size distribution - wet sieving	BS 1377-2:1990	A
	Particle density - gas jar method	BS 1377-2:1990	A
	California Bearing Ratio (CBR)	BS 1377-4:1990	A
	Determination of Moisture condition value (MCV) / moisture content relation of a soil	BS 1377-4:1990	A
	MCV (natural moisture content)	BS 1377-4:1990	A & B
	Dry density / moisture content relationship – 2.5kg rammer	BS 1377-4:1990	A
	Dry density / moisture content relationship – 4.5kg rammer	BS 1377-4:1990	A
Dry density / moisture content relationship – vibrating rammer	BS 1377-4:1990	A	



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SOILS for civil engineering purposes (cont'd)	Shear strength – Large shearbox	BS 1377-7:1990	A
	In-situ density (sand replacement method – large pouring cylinder)	BS 1377-9:1990	B
	In-situ density (core cutter method)	BS 1377-9:1990	B
	In-situ bulk density (nuclear method – comparative tests)	BS 1377-9:1990	B
	In-situ bulk density (nuclear method – absolute tests)	BS 1377-9:1990	B
	In-situ bulk density (nuclear method – compliance tests)	BS 1377-9:1990	B
	In-situ moisture density (nuclear method – comparative tests)	BS 1377-9:1990	B
	In-situ moisture density (nuclear method – absolute tests)	BS 1377-9:1990	B
	In-situ moisture density (nuclear method – compliance tests)	BS 1377-9:1990	B
	Effective angle of internal friction and effective cohesion	Specification for Highway Works Volume 1 Clause 636 February 2016	A
	Vertical deformation and strength characteristics by the incremental plate loading test	BS 1377-9:1990	B
	Determination of equivalent CBR using the plate bearing test	Design Guidance for Road Pavement Foundations (Draft HD25) Interim Advice Note 73/06 Revision 1 (2009) - withdrawn	B



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SOILS for civil engineering purposes (cont'd)	Dynamic Cone Penetrometer	Documented In-House Method S3 and Design Guidance for Road Pavement Foundations (Draft HD25) Interim Advice Note 73/06 Revision 1 (2009) - withdrawn	B
	Sampling soils	Documented In-House Method C146	B
	In-place density(unit weight) and water content of soil using an electromagnetic soil density gauge	ASTM D7830/D7830M-14	B
BITUMINOUS ROAD SURFACING	In-situ density (compacted density) using indirect density gauges - nuclear method - dielectric method	Documented In-house Method C57	B
ROAD PAVEMENT SURFACES	Surface macrotexture depth using a volumetric patch technique	BS EN 13036-1: 2010	B
	Surface regularity using a rolling straight edge	Specification for Highway Works HMSO clause 702.	B
GEOTECHNICAL INVESTIGATION and TESTING - Laboratory testing of soil	Water content	BS EN ISO 17892-1:2014	A
	Particle size distribution – sieving method	BS EN ISO 17892-4:2016	A
	Particle size distribution – pipette method	BS EN ISO 17892-4:2016	A
	Unconsolidated undrained triaxial	BS EN ISO 17892-8:2018	A
	Direct shear – shear box test	BS EN ISO 17892-10:2018	A



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UNBOUND AND HYDRAULICALLY BOUND MIXTURES	Laboratory reference density and water content	BS EN 13286-4:2003	A
END			