

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p>8011</p> <p>Accredited to ISO/IEC 17025:2017</p>	<b>TD Construction Testing Ltd</b> <b>Issue No: 010 Issue date: 08 August 2019</b>	
	<b>Gerard Hall</b> <b>40 Lord Street</b> <b>St. Helens</b> <b>Merseyside</b> <b>WA10 2SD</b>	<b>Contact: Mr Tom Robinson</b> <b>Tel: +44 (0) 1744 734 769</b> <b>E-Mail: tom.robinson@tdconstructiontesting.co.uk</b> <b>Website: www.tdconstructiontesting.co.uk</b>
<b>Testing performed by the Organisation at the locations specified</b>		

### Locations covered by the organisation and their relevant activities

#### Laboratory locations:

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

#### Site activities performed away from the locations listed above:

Location details		Activity	Location code
All locations suitable for the activities listed	<b>Local contact</b> Mr Tom Robinson	Sampling: Aggregates; Concrete; Soils  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	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	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	BSEN 933-1:2012	A
	Uniformity coefficient	Specification for Highway Works Table 6/1	A
	Constituents of coarse recycled aggregate	BSEN 933-11:2009	A
	Resistance to fragmentation of coarse aggregate - Los Angeles method	BSEN 1097-2:2010	A
	Water content - drying in a ventilated oven	BSEN 1097-5:2008	A
Bituminous Mixtures for roads and other paved areas	Bulk density - dry - saturated surface dry (SSD) - sealed specimen - by dimensions	BSEN 12697-6:2012	A
	Sampling - from around the augers of the paver - from workable material in heaps - coated chippings from stockpiles - of finished material (core cutter method)	BSEN 12697-27:2017	B



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Bituminous Mixtures for roads and other paved areas (cont'd)	Preparation of samples for the determining binder content, water content and grading	BSEN 12697-28:2001	A & B
	Determination of the dimensions of a bituminous sample	BSEN 12697-29:2002	A
CONCRETE - fresh	Sampling fresh concrete on site - composite sample - spot sample	BS EN 12350-1:2009	B
	Slump	BS EN 12350-2:2009	B
	Air content - pressure gauge method	BS EN 12350-7:2009	B
	Making cubic specimens for strength tests	BS EN 12390-2:2009	A & B
CONCRETE - hardened	Compressive strength of cubes - including curing and shape & dimensions	BS EN 12390-3:2009 BS EN 12390-2:2009 BS EN 12390-1:2012	A
	Density	BS EN 12390-7:2009	A
	The anchorage of reinforcement and fixings in hardened concrete	Interim Advice Note (IAN) 104/15	B
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



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SOILS for civil engineering purposes (cont'd)	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
	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	



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SOILS for civil engineering purposes (cont'd)	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
	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)	B
	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)	B
	Sampling soils	Documented In-House Method C146	B
Bituminous Road Surfacing	In-situ density (compacted density) using indirect density gauges <ul style="list-style-type: none"> <li>- nuclear method</li> <li>- dielectric method</li> </ul>	In-house test procedure C57 based on Annex I of BSEN594987: 2007 clause 9.4.2	B



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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
END			