

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p>Accredited to ISO/IEC 17025:2005</p>	<b>DGL Testing Services Ltd</b> Issue No: 012    Issue date: 26 October 2016	
	Building 1020 Kent Science Park Heeley Close Sittingbourne Kent ME9 8HL	Contact: Mr D Lloyd Tel: +44 (0)1795 411518 Fax: +44 (0)01795 411519 E-Mail: david.lloyd@dgltesting.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
<b>Address</b> Building 1020 Kent Science Park Heeley Close Sittingbourne Kent ME9 8HL  <b>Local contact</b> Mr D G Lloyd	Testing: Aggregates: Physical tests Asphalt, bitumen, tar, pitch & bituminous materials: Physical tests Soils: Physical tests Road pavement surfaces: Physical tests	Laboratory

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

Location details	Activity	Location code
All locations suitable for the activities listed  <b>Contact:</b> Mr D G Lloyd	Asphalt, bitumen, tar, pitch & bituminous materials: Sampling; Physical tests Road pavement surfaces: Physical tests Soils: Physical tests	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 Code
AGGREGATES	Sampling stockpiles of fine aggregates by hand	BS EN 932-1:1997	Site
	Sampling stockpiles of coarse aggregates by hand	BS EN 932-1:1997	Site
	Particle size distribution - sieving method	BS EN 933-1:2012	Laboratory
	Flakiness index	BS EN 933-3:2012	Laboratory
	Resistance to fragmentation by the Los Angeles test method	BS EN 1097-2:2010	Laboratory
	Water content	BS EN 1097-5:2008	Laboratory
	Uniformity coefficient,	Specification for Highway Works: 600 Series: Table 6.1: Footnote 5: November 2007	Laboratory
BITUMINOUS MIXTURES for roads and other paved areas	Sampling from - around the augers of the paver - workable material in heaps - of laid and compacted materials by coring	BS EN 12697-27:2001	Site
	Soluble binder content by difference, using bottle rotation machine and pressure filter	BS EN 12697-1:2005	Laboratory
	Soluble binder content by recovery, using bottle rotation machine, bucket centrifuge type 1 and volume calculation	BS EN 12697-1:2005	Laboratory
	Particle size distribution	BS EN 12697-2:2015	Laboratory
	Maximum density - volumetric procedure	BS EN 12697-5:2009	Laboratory



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
BITUMINOUS MIXTURES for roads and other paved areas (cont'd)	Bulk density - dry - saturated surface dry (SSD) - sealed specimen	BS EN 12697-6:2012	Laboratory
	Air voids content	BS EN 12697-8:2003	Laboratory
	Percentage refusal Density (PRD)	BS EN 12697-9:2002 BS EN 12697-6:2003 BS EN 12697-32:2003	Laboratory
	Temperature of Bituminous Mixtures - in laid material	BS EN 12697-13:2000	Site
	Thickness of a bituminous pavement - destructive method	BS EN 12697-36:2003	Laboratory
	Sampling from - around the augers of the paver - workable material in heaps	BS 598:Part 100:2004	Site
	Binder content and grading of mineral aggregate - extraction bottle method: binder determination by difference	BS 598:Part 102:2003	Laboratory
	Percentage Refusal Density (PRD)	BS 598:Part 104:2005	Laboratory
	Measurement of density of cores	BS 598:Part 104:2005	Laboratory
	Temperature of bituminous mixtures - in the hopper of a paver - in laid-but-not-rolled material	BS 598:Part 109:1990	Site
Temperature measurement in paver hopper	Documented In-house Method No STOP Section 2.6, January 2008	Site	



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BITUMINOUS ROAD SURFACING	In-situ density - nuclear method	Documented In-house Method No STOP 8.0:May 2006	Site
	In-situ density - Dielectric method	Documented In-House Method No STOP 17.0, October 2010	Site
PAVED SURFACES	Slip/skid resistance of a surface, the pendulum test	BS EN 13036:4 2011	Site
ROAD PAVEMENT SURFACES	Texture depth by the sand-patch method	BS 598-105:2000	Site
	Measurement of pavement surface macro texture depth using a volumetric patch technique	BS EN 13036-1:2010	Site
	Surface regularity using a rolling straight-edge	Specification for Highway Works HMSO May 2001 Clause 702	Site
	Core Logging	Documented In-House Method No LTOP03 - 20, February 2011 based on Design Manual for Roads and Bridges, HMSO, May 1999,HD 30/99 Annex A New Roads and Street Works Act (1991) (Specification for the Reinstatement of Openings in Highways) 3rd edition: April 2010	Laboratory
SOILS for civil engineering purposes	Moisture content - oven drying method	BS 1377-2:1990	Laboratory
	Particle size distribution - wet sieving	BS 1377-2:1990	Laboratory
	Particle size distribution - dry sieving	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



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SOILS for civil engineering purposes (cont'd)	Dry density/moisture content relationship (vibrating hammer)	BS 1377-4:1990	Laboratory
	In-situ density - sand replacement method (small pouring cylinder)	BS 1377-9:1990	Site
	In-situ density - sand replacement method (large pouring cylinder)	BS 1377-9:1990	Site
	In-situ density - core cutter method	BS 1377-9:1990	Site
	In-situ bulk density - nuclear method - absolute tests	BS 1377-9:1990	Site
	In-situ bulk density - nuclear method - compliance 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
END			