

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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



10108

Accredited to
ISO/IEC 17025:2017

Simtec Materials Testing Limited

Issue No: 006 Issue date: 19 February 2021

Unit 116 The Burrows
East Goscote Industrial Estate
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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
Address Unit 40 & 116 The Burrows East Goscote Industrial Estate East Goscote LE7 3XD United Kingdom Local contact Neil Bird / Chris Simmons	Laboratory testing	A

Site activities performed away from the locations listed above:

Location details	Activity	Location code
All locations suitable for the activities listed Local contact Neil Bird / Chris Simmons	Site sampling and testing	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	Sample reduction using a riffle box	BS EN 932-2:1999	A
	Sample reduction by quartering	BS EN 932-2:1999	A
	Particle size distribution - sieving method	BS EN 933-1:2012	A
	Flakiness index	BS EN 933-3:2012	A
	Water content	BS EN 1097-5:2008	A
BITUMINOUS MATERIALS	Needle penetration - 25 °C	BS EN 1426:2015	A
	Softening point - ring and ball method	BS EN 1427:2015	A
	Bitumen recovery: rotary evaporator	BS EN 12697-3:2013 +A1:2018	A
BITUMINOUS MIXTURES for roads and other paved areas	Soluble binder content by difference, using bottle rotation machine and pressure filter	BS EN 12697-1:2020	A
	Soluble binder content by recovery, using bottle rotation machine, bucket centrifuge type 1 and volume calculation	BS EN 12697-1:2020	A
	Particle size distribution	BS EN 12697-2:2015+A1:2019	A
	Maximum density - volumetric procedure - Calculation	BS EN 12697-5:2018	A
	Bulk density - dry	BS EN 12697-6:2020	A
	Bulk density - saturated surface dry (SSD)	BS EN 12697-6:2020	A



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BITUMINOUS MIXTURES for roads and other paved areas (cont'd)	Bulk density - sealed specimen - by dimensions	BS EN 12697-6:2020	A
	Air voids content (V_m)	BS EN 12697-8:2018	A
	Percentage refusal density (PRD) - vibratory compaction	BS EN 12697-9:2002 (withdrawn)	A
	Measurements of temperature of laid materials and in a heap - Contact thermometers	BS EN 12697-13:2017	B
	Measurements of temperature of materials in a heap and paver hopper - Infrared-thermometer	BS EN 12697-13:2017	B
	Sampling - from the material around the augers of the paver - of workable material in heaps - of laid and compacted materials by coring	BS EN 12697-27:2017	B
	Preparation of samples for 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
	Laboratory compaction of bituminous mixtures by vibratory compaction	BS EN 12697-32:2019	A
	Thickness of a bituminous pavement - destructive method	BS EN 12697-36:2003	A
Rate of spread of binder - carpet tile method	BS EN 12272-1:2002	B	



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ROAD PAVEMENT SURFACES	Texture depth by the sand-patch method	BS 598-105:2000	B
	Pavement 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, February 2016 Clause; 702 TRRL SR290	B
	Rate of spread of chippings for mechanical chipping spreaders	BS 598-1:2011	B
BITUMINOUS ROAD SURFACING	In-situ density - non-nuclear method	BS EN 594987 Annex I Documented In-house Method TP 002	B
CONCRETE - fresh	Sampling fresh concrete on site - composite sample - spot sample	BS EN 12350-1:2019	B
	Slump	BS EN 12350-2:2019	B
	Making and curing specimens for strength tests	BS EN 12390-2:2019	A, B
CONCRETE - hardened	Taking cores	BS EN 12504-1:2019	B
SOILS for civil engineering purposes	Moisture content - oven drying method	BS 1377-2:1990	A
	Liquid limit - cone penetrometer	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



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SOILS for civil engineering purposes (cont'd)	Particle size distribution - wet and dry sieving	BS 1377-2:1990	A
	Dry density/moisture content relationship (2.5 kg rammer)	BS 1377-4:1990	A
	Dry density/moisture content relationship (4.5 kg rammer)	BS 1377-4:1990	A
	Moisture condition value (MCV)	BS 1377-4:1990	A
	MCV - natural moisture content	BS 1377-4:1990	A
	MCV - moisture content relation	BS 1377-4:1990	A
	In-situ density - sand replacement method (small pouring cylinder)	BS 1377-9:1990	B
	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
	Vertical deformation and strength characteristics by the incremental plate loading test	BS 1377-9:1990	B
	Hand shear vane	New Zealand Geotechnical Society Inc August 2001	B
	Determination of equivalent CBR value using the plate bearing test	Design Guidance for Road Pavement Foundations Interim Advice Note 73/06 (withdrawn)	B
Dynamic cone penetrometer (DCP)	Documented In-House Method TPSP022 IAN 73/06 (withdrawn)	B	



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UNBOUND and HYDRAULICALLY BOUND MIXTURES	SOILS for civil engineering purposes (cont'd)	Dynamic cone penetrometer (DCP)	B
		In-Place Density (Unit Weight) and Water Content of Soil Using an Electromagnetic Soil Density Gauge1	ASTM D7830/D7830M - 14 B
		Laboratory reference density and water content - vibrating hammer	BS EN 13286-4:2003 A
		Manufacture of test specimens of hydraulically bound mixtures using vibrating hammer compaction	BS EN 13286-51:2004 A
	Curing of hydraulically bound mixtures	BS EN 14227-1:2004 A	
END			