


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 0731 Accredited to ISO/IEC 17025:2017	Surrey County Council	
	Issue No: 048 Issue date: 09 February 2021	
	Highways Asset Planning Group Materials Building G Merrow Lane Guildford Surrey GU4 7BQ	Contact: Mr J Tanzilli Tel: +44 (0)1483 517 427 E-Mail: jon.tanzilli@surreycc.gov.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
Address Highways Asset Planning Group Materials Building G Merrow Lane Guildford GU4 7BQ Local contact Mr J Tanzilli Tel: +44(0) 1483 517 427 Email: jon.tanzilli@surreycc.gov.uk	AGGREGATES, BITUMINOUS MATERIALS, BITUMINOUS MIXTURES for roads and other paved areas, CONCRETE – hardened, PAVED SURFACES, REINSTATEMENT OF OPENINGS IN HIGHWAYS, ROAD PAVEMENT SURFACES, SOILS for civil engineering purposes, GEOTECHNICAL INVESTIGATION and TESTING - Laboratory testing of soil, HYDRAULICALLY BOUND MIXTURES	A

Site activities performed away from the locations listed above:

Location details	Activity	Location code
All site locations suitable for the activities listed	AGGREGATES, BITUMINOUS MIXTURES for roads and other paved areas, CONCRETE – hardened, PAVED SURFACES, REINSTATEMENT OF OPENINGS IN HIGHWAYS, ROAD PAVEMENT SURFACES, SOILS for civil engineering purposes	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	Particle density and water absorption - pycnometer method for particles between 0.063mm and 4mm	BS EN 1097-6:2013	A
	Particle density and water absorption - pycnometer method for particles between 4mm and 31.5mm	BS EN 1097-6:2013	A
	Apparent (bulk) density of filler in kerosene	BS EN 1097-3:Annex A:1998	A
	Particle size distribution	BS EN 933-1:2012	A
	Flakiness index	BS EN 933-3:2012	A
	Testing for constituent materials in recycled coarse aggregate and recycled concrete aggregate	Specification for Highway Works, TSO May 2004:clause 710	A
	Classification for the constituents of coarse recycled aggregate	BS EN 933-11:2009	A
	Water content - oven drying method	BS EN 1097-5:2008	A
	Magnesium sulphate test	BS EN 1367-2:2009	A
	Frost heave	BS 812-124:2009 Specification for Highway Works: TSO November 2009:clause 801	A
	Uniformity coefficient	Specification for Highway Works: 600 Series: Table 6.1: Footnote 5	A
	Resistance to fragmentation by the Los Angeles Method	BS EN 1097-2:2020	A
	Resistance to wear (micro-Deval)	BS EN 1097-1:2011	A
Sampling from stockpiles	BS EN 932-1:1997:Annex C	B	



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AGGREGATES (cont'd)	Sample reduction using a riffle box	BS EN 932-2:1999	A, B
	Methods of reducing laboratory samples - to a test portion of a specified mass within a small tolerance	BS EN 932-2:1999	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
	Cohesion of bituminous binders with pendulum test	BS EN 13588:2017	A
	Elastic recovery of modified bitumen	BS EN 13398:2017	A
BITUMINOUS MIXTURES for roads and other paved areas	Laboratory mixing	BS EN 12697-35:2016	A
	Specimen preparation by impact compactor	BS EN 12697-30:2018	A
	Marshall test	BS EN 12697-34:2020	A
	Protocol for determining the design binder content of designed HRA surface course mixtures to BS EN 13108-4	BS 594987:2015+A1:2017: Annex H	A
	Determination of the composition of design wearing course rolled asphalt	BS 598-107:2004 (withdrawn)	A
	Resistance to permanent deformation - confined dynamic loading under vacuum (VRLAT)	BS DD 226:1996 (withdrawn) modified in accordance with TRL PA 3287/97	A
	Resistance to permanent deformation - unconfined dynamic loading (RLAT)	BS DD 226:1996 (withdrawn)	A



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BITUMINOUS MIXTURES for roads and other paved areas (cont'd)	Indirect stiffness modulus	BS DD 213:1993	A
	Cyclic compression test	BS EN 12697-25:2016	A
	Stiffness – test applying indirect tension to cylindrical specimens (IT-CY)	BS EN 12697-26:2004:Annex C	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	A
	Dimensions of bituminous specimens and cores	BS EN 12697-29:2020	A
	Preparation of samples for analysis	BS EN 12697-28:2020	A, B
	Laboratory compaction by roller compactor (smooth steel roller)	BS EN 12697-33:2019	
	Bulk density - dry - saturated surface dry (SSD) - sealed specimen - by dimensions	BS EN 12697-6:2020	A
	Determination of the thickness of a bituminous pavement - destructive measurement	BS EN 12697-36:2003	A
	Air voids content	BS EN 12697-8:2018	A
	Hot sand test for the adhesivity of binder on precoated chippings for HRA	BS EN 12697-37: 2003	A
Wheel tracking using a small size device and procedure A	BS EN 12697-22:2020	A	



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BITUMINOUS MIXTURES for roads and other paved areas (cont'd)	Wheel tracking using a small size device and procedure B in air	BS EN 12697-22:2020	A
	Wheel-tracking rate	BS 598-110:1998 (withdrawn)	A
	Maximum density - Volumetric method	BS EN 12697-5:2018	A
	Hot mix asphalt - temperature measurement - in the hopper of the paver	BS EN 12697-13:2017 Infrared-thermometer	B
	Hot mix asphalt - temperature measurement - after laying and before and during rolling - in a heap	BS EN 12697-13:2017 Contact-thermometer	B
	Sampling from - around the augers of the paver	BS EN 12697-27:2017	B
	Sampling of finished material - core cutting method	BS EN 12697-27:2017	B
CONCRETE - hardened	Compressive strength of test specimens - including curing	BS EN 12390-3:2019 BS EN 12390-2:2019 BS EN 12390-1:2012 BS 1881-111 (withdrawn) BS 1881-114 (withdrawn) BS 1881-116 (withdrawn)	A
	Compressive strength of cores	BS 1881-120:1983 (withdrawn)	A
	Compressive strength of concrete cores	BS EN 12504-1:2019	A
	Density	BS EN 12390-7:2019	A
	Sampling of concrete by coring	Documented In-House Method No LP 44b	B
PAVED SURFACES	Skid/slip resistance value	TRRL Road Note 27/69 BS EN 1342:2012 BS 7976-2:2002 BS EN 13036-4:2011	A, B



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REINSTATEMENT OF OPENINGS IN HIGHWAYS	Measurement of material depths and sampling	Documented In-House Method No LP 44a	A, B
	Sampling of finished material - core cutting method	BS EN 12697-27:2001	B
	Determination of the thickness of a bituminous pavement - destructive measurement	BS EN 12697-36:2003	A
ROAD PAVEMENT SURFACES	Texture depth by the sand-patch method	BS 598-105:2000 (withdrawn)	B
	Macrotexture using a volumetric patch technique	BS EN 13036-1:2010	B
	Surface regularity using a rolling straight-edge	Specification for Highway Works HMSO August 1986 Clause 702	B
	Surface regularity using a rolling straight-edge	TRRL Supplementary Report 290:1977	B
SOILS for civil engineering purposes	California Bearing Ratio (CBR)	BS 1377-4:1990	A
	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
	Particle size distribution - wet sieving	BS 1377-2:1990	A
	Particle size distribution - dry sieving	BS 1377-2:1990	A
	Dry density/moisture content relationship (2.5 kg rammer)	BS 1377-4:1990	A



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SOILS for civil engineering purposes (cont'd)	Dry density/moisture content relationship (4.5 kg rammer)	BS 1377-4:1990	A
	Dry density/moisture content relationship (vibrating hammer)	BS 1377-4:1990	A
	Uniformity coefficient	Specification for Highway Works : 600 Series: Table 6.1: Footnote 5	A
	Sampling earthworks materials - from stockpiles - from laid material	Documented In-House Method NO LP 46	B
	Clegg Impact Hammer	Documented In-House Method No LP26	B
GEOTECHNICAL INVESTIGATION and TESTING - Laboratory testing of soil	Water content	BS EN ISO 17892-1:2014	A
HYDRAULICALLY BOUND MIXTURES	Laboratory reference density and water content	BS EN 13286-4:2003	A
END			