Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

0746

Accredited to ISO/IEC 17025:2017

Derbyshire County Council

Issue No: 059 **Issue date:** 14 July 2026

Highways Laboratory
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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 Laboratory Ripley Road Ambergate Belper Derbyshire DE56 2ER	**Local contact** Mr S Murphy	Testing: Aggregates - mechanical & physical tests Bituminous mixtures - physical tests Hot-applied Thermoplastic Road Marking Materials - physical tests Concrete - mechanical & physical tests Soils - mechanical & physical tests	Laboratory

Site activities performed away from the locations listed above:

Location details		Activity	Location code
All locations suitable for the activities listed	**Local contact** Mr S Murphy	Sampling: Aggregates, Bituminous mixtures Testing: Hot-applied Thermoplastic Road Marking Materials - physical tests Paved Surfaces - physical tests Road Pavement Surfaces - physical tests	Site

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
AGGREGATES	Methods for sampling - from stockpiles	BS EN 932-1:1997 Clause 8.8	Site
	Particle size distribution - sieving method	BS EN 933-1:2012	Laboratory
	Particle shape - flakiness index	BS EN 933-3:2012	Laboratory
	Flow Coefficient of Aggregates	BS EN 933-6:2022	Laboratory
	Resistance to fragmentation by the Los Angeles Method excluding Appendix G	EN 1097-2:2020	Laboratory
BITUMINOUS MATERIALS	Needle penetration – 25 ˚C	BS EN 1426:2024	Laboratory
	Softening point - ring and ball method	BS EN 1427:2015	Laboratory
BITUMINOUS MIXTURES for roads and other paved areas	Sampling from: - the material around the augers of the paver	BS EN 12697-27:2017	Site
	Sampling coated chippings from stockpiles	BS EN 12697-27:2017	Site
	Preparation of samples for determining binder content, water content and grading	BS EN 12697-28:2020	Laboratory
	Soluble binder content by recovery, using bottle rotation machine, bucket centrifuge type 1 and volume calculation	BS EN 12697-1:2020	Laboratory
	Soluble binder content by difference using bottle rolling machine	BS EN 12697-1:2020	Laboratory
	Particle size distribution	BS EN 12697-2:2024	Laboratory
	Bitumen recovery: rotary evaporator	BS EN 12697-3:2013 + A1:2018	Laboratory

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)	Determination of the maximum density - procedure A - procedure B	BS EN 12697-5: 2018	Laboratory
	Bulk density - dry - saturated surface dry (SSD) - sealed specimen - by dimensions	BS EN 12697-6:2020	Laboratory
	Determination of void characteristics	BS EN 12697-8:2018	Laboratory
	Temperature measurement by contact measuring device - of material after it has been laid and before or during rolling	BS EN 12697-13: 2017	Site
	Measurements of temperature of materials in a heap and paver hopper - Infrared-thermometer	BS EN 12697-13: 2017	Site
	Measurement using probe thermometer	BS 598-109: 1990, Clause 4.3 (withdrawn)	Site
	Procedure for temperature measuring	BS 598-109: 1990, Clause 4.5 (withdrawn)	Site
	Hot Sand Test	BS EN 12697-37: 2022	Laboratory
CONCRETE – hardened	Compressive strength of cubes -including curing -shape and dimension	BS EN 12390-2:2019 BS EN 12390-3:2019 BS EN 12390-1:2021	Laboratory Laboratory Laboratory
	Density	BS EN 12390-7:2019	Laboratory

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HOT-APPLIED THERMOPLASTIC ROAD MARKING MATERIALS	Measuring method for the luminance factor and chromaticity coordinates	BS EN 1436: 2018 **(White only)**	Laboratory
	Determination of the chromaticity coordinates and luminance factor	BS EN 1436: 2018 **(White only)**	Laboratory
	Skid resistance	BS EN 1436: 2018 BS EN 13036-4: 2011	Site
	Retro-reflectivity	BS EN 1436: 2018	Site
PAVED SURFACES	Skid resistance value- - pendulum test	BS EN 13036-4: 2011	Site
	Measurement of pavement surface macrotexture depth using a volumetric patch technique	BS EN 13036-1: 2010	Site
	Surface regularity using a rolling straight-edge	Specification for Highway Works, HMSO February: 2016 Clause 702 TRRL Supplementary report 290:1977	Site
REINSTATEMENT OF OPENINGS IN HIGHWAYS	Sampling - laid and compacted material by coring	BS EN 12697-27:2017	Site
	Coring and evaluating utility reinstatements	Documented In-House Methods based on the New Roads and Street Works Act (1991) (Specification for the Reinstatement of Openings in Highways) - 4th edition: May 2020	Site & Laboratory
	Measurement of layer thickness examination of bituminous materials	BS EN 12697-36:2022	Laboratory

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GEOTECHNICAL INVESTIGATION	Water Content	BSEN ISO 17892-1:2014A1:2022	Laboratory
	Particle Size Distribution - sieving Method	BS EN ISO 17892-4:2016	Laboratory
SOILS for civil engineering purposes	Moisture Content	BS 1377:Part 2:1990	Laboratory
	Particle Size Distribution - by dry sieving	BS 1377:Part 2 :1990	Laboratory
	Particle Size Distribution - by wet sieving	BS 1377:Part 2 :1990	Laboratory
END			