Schedule of Accreditation

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

UKAS TESTING **0719** **Accredited to ISO/IEC 17025:2017**	**Staffordshire County Council** **Issue No:** 042 **Issue date:** 20 July 2026
Staffordshire Highways Laboratory **Sandyford Street** **Stafford** **Staffordshire** **ST16 3NF**	**Contact: Ms E Loach** **Tel: +44 (0)178 527 7362** **E-Mail: emma.loach@staffordshire.gov.uk** **Website: www.staffordshire.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 Sandyford Street Stafford Staffordshire ST16 3NF	**Local contact** Ms E Loach	Testing: Aggregates – physical tests, Air – chemical tests, Bituminous mixtures – physical tests Concrete – physical & mechanical tests Soils – physical tests Air Quality	Laboratory

Site activities performed away from the locations listed above:

Location details		Activity	Location code
All locations suitable for the activities listed	Contact: Ms E Loach	Sampling: Aggregates & Bituminous mixtures Testing: 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
	Methods for reducing laboratory samples	BS EN 932-2:1999	Laboratory
	Particle size distribution - sieving method	BS EN 933-1:2012	Laboratory
	Particle shape - flakiness index	BS EN 933-3:2012	Laboratory
	Uniformity coefficient	Specification for Highway Works, table 6/1 footnote 5	Laboratory
BITUMINOUS MIXTURES for roads and other paved areas	Sampling from: - the material around the augers of the paver - laid and compacted material by coring	BS EN 12697-27:2017	Site
	Preparation of samples for binder content & grading	BS EN 12697-28:2020	Laboratory
	Soluble binder content by difference using a bottle rolling machine and a pressure filter.	BS EN 12697-1:2020	Laboratory
	Particle size distribution	BS EN 12697-2:2024	Laboratory
	Determination of the maximum density	BS EN 12697-5:2018	Laboratory
	Bulk density - dry - sealed specimen	BS EN 12697-6:2020	Laboratory
	Determination of void characteristics	BS EN 12697-8:2018	Laboratory
	Determination of the thickness of Bituminous Pavements	BS EN 12697- 36:2022	Laboratory
	Visual Examination and Identification of Bituminous Materials	Documented In-house procedure TI B5:2022	Laboratory

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
CONCRETE - hardened	Compressive strength of cubes - including curing	BS EN 12390-3:2019 BS EN 12390-1:2021 BS EN 12390-2:2019	Laboratory
	Density	BS EN 12390-7:2019 + AC 2020	Laboratory
GEOTECHNICAL INVESTIGATION and TESTING - Laboratory testing of soil	Water content	BS EN ISO 17892-1:2014+A1:2022	Laboratory
	Particle size distribution - wet sieving	BS EN ISO 17892-4:2016	Laboratory
	Particle size distribution - dry sieving	BS EN ISO 17892-4:2016	Laboratory
	Liquid limit - fall cone method	BS EN ISO 17892-12:2018+A2:2022	Laboratory
	Plastic limit	BS EN ISO 17892-12:2018+A2:2022	Laboratory
	Plasticity Index	BS EN ISO 17892-12:2018+A2:2022	Laboratory
SOILS for civil engineering purposes	Water content - oven drying method	BS 1377- 2:2022	Laboratory
	Liquid Limit -Fall cone method	BS 1377-2:2022	Laboratory
	Plastic limit	BS 1377- 2:2022	Laboratory
	Plasticity index and liquidity index	BS 1377- 2:2022	Laboratory
	Particle size distribution - wet sieving	BS 1377- 2:2022	Laboratory
	Particle size distribution - dry sieving	BS 1377- 2:2022	Laboratory
	Uniformity coefficient	Specification for Highway Works table 6/1 footnote 5	Laboratory

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ROAD PAVEMENT SURFACES	Surface macrotexture depth using a volumetric patch technique	BS EN 13036-1:2010	Site
AIR	Nitrogen dioxide (NO_2)	E5049 using a passive adsorption tube followed by colorimetric analysis	Laboratory
END			