


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>0699</b>  Accredited to <b>ISO/IEC 17025:2017</b>	<b>Lincs Laboratory</b>	
	<b>Issue No: 051    Issue date: 14 October 2024</b>	
	<b>Laboratory Services Section</b> <b>St George's Lane</b> <b>Riseholme</b> <b>Lincoln</b> <b>LN2 2LQ</b>	<b>Contact: Mr J Corringan</b> <b>Tel: +44 (0)1522-530355</b> <b>Fax: +44 (0)1522-510573</b> <b>E-Mail: James.Corryngan@lincolnshire.gov.uk</b> <b>Website: www.lincolnshire.gov.uk/lincslab</b>
<b>Testing performed by the Organisation at the locations specified below</b>		

Lincs Laboratory, is accredited for a flexible scope that enables it to:

**1) Update currently accredited test methods to the latest versions of those test methods using the procedures in Testing Operations Procedure M5.**

### Flexible Scope

Lincs Laboratory is accredited to ISO/IEC17025:2017 for testing activities in accordance with the test methods highlighted in the schedule. This may also include updated versions of the methods or standards listed, providing that:

- (1) The updated method or standard does not introduce new principles of measurement.
- (2) The updated method or standard does not require measurements to be made outside the parametric boundaries defined within the standard specifications already accredited and detailed within this Schedule of Accreditation.

### Locations covered by the organisation and their relevant activities

#### Laboratory locations:

Location details		Activity	Location code
<b>Address</b> Laboratory Services Section St George's Lane Riseholme Lincoln LN2 2LQ	<b>Local contact</b> Mr J Corringan	Testing: Aggregates - physical & chemical tests Bitumen Road Emulsions - physical tests Bituminous Materials - physical tests Bituminous Mixtures - mechanical & physical tests Concrete - mechanical & physical tests Soils – mechanical, physical chemical tests Stabilized Materials - mechanical & physical tests	Laboratory



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

Location details	Activity	Location code
All locations suitable for the activities listed  <b>Local contact</b> Mr J <b>Corringan</b>	Sampling: Aggregates Bituminous Mixtures, and  Testing: Bituminous Road Surfacing - physical tests Road Pavement Surfaces - physical tests Soils - physical tests Stabilized Materials - 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	Methods for sampling - from stockpiles	BS EN 932-1:1997 Clause 8.8	Site
	Frost-heave	BS 812:Part 124:2009	Laboratory
	Uniformity coefficient	Specification for Highway Works Table 6/1 footnote 5	Laboratory
	Particle size distribution - sieving method	BS EN 933-1:2012	Laboratory
	Particle shape - flakiness index	BS EN 933-3:2012	Laboratory
	Resistance to fragmentation by the Los Angeles method	BS EN 1097-2:2020	Laboratory
	Water content - drying in a ventilated oven	BS EN 1097-5:2008	Laboratory
BITUMEN ROAD EMULSIONS (ANIONIC and CATIONIC)	Water and binder content	BS EN 1428:2012	Laboratory
	Efflux time	BS EN 12846-1:2022	Laboratory
BITUMINOUS MATERIALS	Needle penetration	BS EN 1426:2015	Laboratory
	Softening point - ring and ball method	BS EN 1427:2015	Laboratory
	Recovery of bitumen binders by dichloromethane extraction - rotary film evaporator method	BS EN 12697-3:2013 +A1 :2018	Laboratory
BITUMINOUS MIXTURES for roads and other paved areas	Sampling from: - the material around the augers of the paver - workable heaps	BS EN 12697-27:2017	Site
	Sampling as laid material by coring	BS EN 12697-27:2017	Site
	Sampling coated chippings from stockpiles	BS EN 12697-27:2017	Site



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BITUMINOUS MIXTURES for roads and other paved areas (cont'd)	Soluble binder content by recovery using bottle rolling machine, bucket centrifuge type 1 and volume calculation	BS EN 12697-1:2020	Laboratory
	Particle size distribution	BS EN 12697-2:2015 +A1 :2019	Laboratory
	Determination of the maximum density – volumetric procedure	BS EN 12697-5:2018	Laboratory
	Bulk density - dry - sealed specimen	BS EN 12697-6:2020	Laboratory
	Determination of void characteristics - volume determined by mass difference	BS EN 12697-8:2018	Laboratory
	Description of cores	Documented In-House Method No LLTM4:1996	Laboratory
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	Laboratory
BITUMINOUS ROAD SURFACING	Texture depth - using a laser texture meter	Documented In-House Method No LLTM 44:2002,	Site
	Density of bituminous layers	Documented In-House Method No LLTM9:1995	Site
ROAD PAVEMENT SURFACES	Surface regularity using a rolling straight-edge	TRRL Supplementary Report 290:1977	Site
SOILS for civil engineering purposes	Moisture content - oven drying method	BS 1377:Part 2:1990	Laboratory
	Liquid limit - cone penetrometer	BS 1377:Part 2:1990	Laboratory



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SOILS for civil engineering purposes (cont'd)	Liquid limit - cone penetrometer - one point	BS 1377:Part 2:1990	Laboratory
	Plastic limit	BS 1377:Part 2:1990	Laboratory
	Plasticity index and liquidity index	BS 1377:Part 2:1990	Laboratory
	Particle size distribution - wet sieving	BS 1377:Part 2:1990	Laboratory
	Particle size distribution - dry sieving	BS 1377:Part 2:1990	Laboratory
	Dry density/moisture content relationship (2.5 kg rammer)	BS 1377:Part 4:1990	Laboratory
	California Bearing Ratio (CBR) – <i>not including samples prepared using 4.5kg rammer</i>	BS 1377:Part 4:1990	Laboratory
	Measurement of swelling of soaked CBR specimen	BS 1377:Part 4:1990	Laboratory
	In-situ density - core cutter method	BS 1377:Part 9:1990	Site
	In-situ bulk density - nuclear method - compliance tests	BS 1377:Part 9:1990	Site
	In-situ bulk density - nuclear method - absolute tests	BS 1377:Part 9:1990	Site
UNBOUND and HYDRAULICALLY BOUND MIXTURES	In-situ bulk density - nuclear method - comparative tests	BS 1377:Part 9:1990	Site
	Laboratory reference density and water content - vibrating hammer	BS EN 13286-4:2021	Laboratory
END			