


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 0699 Accredited to ISO/IEC 17025:2017	Lincs Laboratory	
	Issue No: 048 Issue date: 09 October 2020	
	Laboratory Services Section St George's Lane Riseholme Lincoln LN2 2LQ	Contact: Mr C Neal Tel: +44 (0)1522-530355 Fax: +44 (0)1522-510573 E-Mail: Christopher.Neal@lincolnshire.gov.uk Website: www.lincolnshire.gov.uk/lincs-lab
Testing performed by the Organisation at the locations specified below		

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.

<p>Flexible Scope</p> <p>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:</p> <p>(1) The updated method or standard does not introduce new principles of measurement.</p> <p>(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.</p> <p>Information about flexible scopes of accreditation is available in UKAS document Gen 4 and EA document EA-2/05.</p>
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Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details		Activity	Location code
Address Laboratory Services Section St George's Lane Riseholme Lincoln LN2 2LQ	Local contact Mr C Neal	Testing: Aggregates - physical & chemical tests Bitumen Road Emulsions - physical tests Bituminous Materials - physical tests Bituminous Mixtures - mechanical & physical tests Concrete - mechanical & physical tests Salt - physical & chemical 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 Local contact Mr C Neal	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
	Bulk density and calculation of voids and bulking of aggregate	BS 812:Part 2:1995	Laboratory
	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
	Particle density and water absorption - particles between 4 mm and 31.5 mm	BS EN 1097-6:2013 Clause 8	Laboratory
Particle density and water absorption - particles between 0.063 mm and 4 mm	BS EN 1097-6:2013 Clause 9	Laboratory	
BITUMEN ROAD EMULSIONS (ANIONIC and CATIONIC)	Water and binder content	BS EN 1428:2012	Laboratory
	Efflux time	BS EN 12846-1:2011	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



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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
	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 12390-1:2012 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



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ROAD PAVEMENT SURFACES	Surface regularity using a rolling straight-edge	TRRL Supplementary Report 290:1977	Site
SALT for spreading on highways for winter maintenance	Moisture content	BS 3247:2011 + A1:2016	Laboratory
	Grading by sieve analysis	BS 3247:2011 + A1:2016	Laboratory
	Matter insoluble in water	BS 3247:2011 + A1:2016	Laboratory
	Chloride content	BS 3247:2011 + A1:2016	Laboratory
	Soluble sulphate compounds	BS 3247:2011 + A1:2016	Laboratory
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
	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
	Dry density/moisture content relationship (4.5 kg rammer)	BS 1377:Part 4:1990	Laboratory
	Dry density/moisture content relationship (vibrating hammer)	BS 1377:Part 4:1990	Laboratory
California Bearing Ratio (CBR)	BS 1377:Part 4:1990	Laboratory	



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SOILS for civil engineering purposes (cont'd)	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
	In-situ bulk density - nuclear method - comparative tests	BS 1377:Part 9:1990	Site
UNBOUND and HYDRAULICALLY BOUND MIXTURES	Laboratory reference density and water content - vibrating hammer	BS EN 13286-4:2003	Laboratory
END			