

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p><b>0203</b></p> <p>Accredited to ISO/IEC 17025:2017</p>	<h3>Materials Testing Limited (MATTEST)</h3> <p>Issue No: 044    Issue date: 20 October 2020</p>	
	<p>99 Kingsway Dunmurry Belfast BT17 9NU</p>	<p>Contact: Mr Colin McGookin Tel: +44 (0)28 9055 1363 Fax: +44 (0)28 9061 5762 E-Mail: test@mattest.com Website: www.mattest.com</p>
<p>Testing performed by the Organisation at the locations specified below</p>		

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

Materials Testing Limited (MATTEST) is accredited for a flexible scope that enables them to establish site laboratories to conduct the activities detailed below marked 'Flexi', in accordance with their documented in-house procedure: 00UM03 Mattest Satellite Lab Procedure.

#### Laboratory locations:

Location details	Activity	Location code
<p><b>Address</b> 99 Kingsway Dunmurry Belfast BT17 9NU</p> <p><b>Local contact</b> Mr Colin McGookin Tel: +44 (0)28 9055 1363 Fax: +44 (0)28 9061 5762 E-Mail: test@mattest.com</p>	<p>Aggregates Concrete – fresh Concrete – hardened Soils</p>	A
<p><b>Address</b> Croaghan Laboratory Croaghan Quarry Shinny Road Macosquin Coleraine BT51 4PS</p> <p><b>Local contact</b> Mr Colin McGookin Tel: +44 (0)28 9055 1363 Fax: +44 (0)28 9061 5762 E-Mail: test@mattest.com</p>	<p>Aggregates Road Pavement Surfaces Bituminous Mixtures</p>	B

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

Location details	Activity	Location code
<p>All locations suitable for the activities listed</p> <p><b>Local contact</b> Mr Colin McGookin</p>	<p>Aggregates Concrete - fresh Road Pavement Surfaces Soils Bituminous Mixtures</p>	S



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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	S
	Methods for reducing laboratory samples -using a riffle box - reduction by quartering - to a test portion of a specified mass within a small tolerance	BS EN 932-2:1999	A, Flexi
	Particle size distribution - sieving method	BS EN 933-1:2012	A, Flexi
	Flakiness Index	BS EN 933-3:2012	A, B
	Micro-Deval coefficient	BS EN 1097-1:2011	A
	Micro-Deval coefficient of railway ballast	BS EN 1097-1:2011 Annex A	A
	Resistance to fragmentation by the Los Angeles test method	BS EN 1097-2:2020	A
	Resistance to fragmentation of aggregates for railway ballast by the Los Angeles test method	BS EN 1097-2:2020 Annex A	A
	Water content - drying in a ventilated oven	BS EN 1097-5:2008	A, Flexi
Particle density and water absorption- pyknometer method for aggregate particles between 4mm and 31,5mm	BS EN 1097-6:2013	A	
BITUMINOUS MIXTURES for roads and other paved areas	Soluble binder content by difference, using bottle rotation machine and centrifuge	BS EN 12697-1 :2012	B
	Particle size distribution	BS EN 12697-2:2015+A1:2019	B
	Determination of the maximum density (procedure A)	BS EN 12697-5:2018	B



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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 Bulk Density of Bituminous Specimens	BS EN 12697-6:2012	B
	Determination of Void Characteristics of Bituminous Specimens	BS EN 12697-8:2018	B
	Percentage Refusal Density	BS EN 12697-9:2002 (Withdrawn)	B
	Sampling from - a lorry-load - around the augers of the paver	BS EN 12697-27:2017	S
	Preparation of Samples for Determining Binder Content, Water Content & Grading	BS EN 12697-28:2001	B
	Laboratory Compaction of Bituminous Mixtures by Vibratory Compactor	BS EN 12697-32:2019	B
	Determination of Binder Content by Ignition	BS EN 12697-39: 2012	B
CONCRETE - fresh	Sampling fresh concrete on site - composite sample - spot sample	BS EN 12350-1:2019	S
	Slump	BS EN 12350-2:2019	S
	Making cubic specimens for strength tests	BS EN 12390-2:2019	A, Flexi
CONCRETE – hardened	Compressive strength of cubes- including curing and dimensions	BS EN 12390-3:2019 BS EN 12390-2:2019 BS EN 12390-1:2012	A, Flexi
	Density	BS EN 12390-7:2019	A, Flexi



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ROAD PAVEMENT SURFACES	Surface macrotexture depth using a volumetric patch technique	BS EN 13036-1:2010	S
	Surface regularity using a rolling straight-edge	Specification for Highway Works Series 700 – clause 702(NI) (TRRL Supplementary Report 290:1977)	S
SOILS for civil engineering purposes	Moisture content	BS 1377-2:1990	A, Flexi
	Particle size distribution - wet sieving	BS 1377-2:1990	A, Flexi
	Liquid Limit - cone penetrometer (definitive method)	BS 1377-2:1990	A, Flexi
	Liquid limit - cone penetrometer - one point	BS 1377- 2:1990	A, Flexi
	Plastic Limit	BS 1377-2:1990	A, Flexi
	Plasticity Index	BS 1377-2:1990	A, Flexi
	California Bearing Ratio (CBR)	BS 1377-4:1990	A, Flexi
	Measurement of swelling of soaked CBR specimen	BS 1377- 4:1990	A, Flexi
	Moisture condition Value (MCV) - natural moisture content	BS 1377-4:1990	A, Flexi
	Dry density/moisture content relationship (2.5 kg rammer)	BS 1377-4:1990	A, Flexi
	Dry density/moisture content relationship (4.5 kg rammer)	BS 1377-4:1990	A, Flexi
Dry density/moisture content relationship (vibrating hammer)	BS 1377-4:1990	A, Flexi	



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SOILS for civil engineering purposes (cont'd)	In-situ bulk density - nuclear method - comparative tests	BS 1377-9:1990	S
	In-situ moisture density - nuclear method - comparative tests	BS 1377-9:1990	S
	Uniformity coefficient	Specification for Highway Works Series 600, Table 6/1 Footnote 5	A, Flexi
END			