

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

 <p style="text-align: center;"><b>Accredited to ISO/IEC 17025:2005</b></p>	<h3 style="margin: 0;">Materials Testing Limited (MATTEST)</h3> <p style="margin: 0;">Issue No:020    Issue date: 06 November 2006</p>	
	<p><b>Kingsway Dunmurry Belfast BT17 9NU</b></p>	<p><b>Contact: Mr M McCusker Tel:+44 (0)2890 430592 Fax: +44 (0)2890 615762 E-Mail: test@mattest.com Website: www.mattest.com</b></p>

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				
<table style="width: 100%; border: none;"> <tr> <td style="width: 30%;"><b>Address</b></td> <td style="width: 70%;"><b>Local contact</b></td> </tr> <tr> <td style="vertical-align: top;">Kingsway Dunmurry Belfast BT17 9NU</td> <td style="vertical-align: top;">Contact: Mr M McCusker Tel: +44 (0)2890 430592 Fax: +44 (0)2890 615762 E-Mail: test@mattest.com Website:</td> </tr> </table>	<b>Address</b>	<b>Local contact</b>	Kingsway Dunmurry Belfast BT17 9NU	Contact: Mr M McCusker Tel: +44 (0)2890 430592 Fax: +44 (0)2890 615762 E-Mail: test@mattest.com Website:	Aggregates Bituminous Mixtures Concrete Soils	A
<b>Address</b>	<b>Local contact</b>					
Kingsway Dunmurry Belfast BT17 9NU	Contact: Mr M McCusker Tel: +44 (0)2890 430592 Fax: +44 (0)2890 615762 E-Mail: test@mattest.com Website:					

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

Location details	Activity	Location code				
<table style="width: 100%; border: none;"> <tr> <td style="width: 30%;"><b>Address</b></td> <td style="width: 70%;"><b>Local contact</b></td> </tr> <tr> <td style="vertical-align: top;">All locations suitable for the activities listed</td> <td style="vertical-align: top;">Contact: Mr M McCusker</td> </tr> </table>	<b>Address</b>	<b>Local contact</b>	All locations suitable for the activities listed	Contact: Mr M McCusker	Aggregates Concrete Road Pavement Surfaces Soils	B
<b>Address</b>	<b>Local contact</b>					
All locations suitable for the activities listed	Contact: Mr M McCusker					
<table style="width: 100%; border: none;"> <tr> <td style="width: 30%;"><b>Address</b></td> <td style="width: 70%;"><b>Local contact</b></td> </tr> <tr> <td style="vertical-align: top;">A1/M1 Newry-Dundalk Link Road Site Laboratory Carrickarnon Ravensdale Dundalk County Louth Ireland</td> <td style="vertical-align: top;">Laboratory Manager: Miss S Robinson</td> </tr> </table>	<b>Address</b>	<b>Local contact</b>	A1/M1 Newry-Dundalk Link Road Site Laboratory Carrickarnon Ravensdale Dundalk County Louth Ireland	Laboratory Manager: Miss S Robinson	Aggregate Concrete Road Pavement Surfaces Soils	C
<b>Address</b>	<b>Local contact</b>					
A1/M1 Newry-Dundalk Link Road Site Laboratory Carrickarnon Ravensdale Dundalk County Louth Ireland	Laboratory Manager: Miss S Robinson					



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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	Sampling coarse, fine and all-in aggregates - from heaps	BS 812-102:1989	B
	Particle size distribution - washing and sieving	BS 812-103 Section 103.1:1985	A&C
	Particle size distribution - dry sieving	BS 812-103 Section 103.1:1985	A&C
	Particle size distribution - sieving method	BS EN 933-1:1997	A&C
	Flakiness Index	BS EN 933-3:1997	A
	Micro-Deval coefficient	BS EN 1097-1	A
	Resistance to fragmentation by the Los Angeles test method	BS EN 1097-2:1998	A
	Water content - drying in a ventilated oven	BS EN 1097-5:1999	C
BITUMINOUS MIXTURES for roads and other paved areas	Binder content and grading of mineral aggregate - extraction bottle method: binder directly determined, filler by difference	BS 598-102:1996	A
CONCRETE – fresh	Slump	BS EN 12350-2:2000	B&C
	Sampling - composite sample - spot sample	BS EN 12350-1:2000	B&C
	Making concrete cubes	BS EN 12390-2:2000	A&C



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CONCRETE - hardened	Curing	BS EN 12390-2:2000	A & C
	Compressive strength of test specimens (loads from 50 to 2000kN)	BS EN 12390-3:2002	A
	Density	BS EN 12390-7:2000	A
ROAD PAVEMENT SURFACES	Surface macrotexture depth using a volumetric patch technique	BS EN 13036-1:2001	B&C
SOILS for civil engineering purposes	Moisture content	BS 1377-2:1990	C
	Liquid Limit - cone penetrometer	BS 1377-2:1990	C
	Liquid Limit -cone penetrometer - one point	BS 1377-2:1990	C
	Plastic Limit	BS 1377-2:1990	C
	Plasticity index	BS 1377-2:1990	C
	Particle size distribution - wet sieving	BS 1377-2:1990	A&C
	Moisture condition Value (MCV) - natural moisture content	BS 1377-4:1990	C
	Dry density/moisture content relationship (2.5 kg rammer)	BS 1377-4:1990	C
	Dry density/moisture content relationship (4.5 kg rammer)	BS 1377-4:1990	C
Dry density/moisture content relationship (vibrating hammer)	BS 1377-4:1990	C	



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SOILS For civil engineering purposes (cont'd)	California Bearing Ratio (CBR)	BS 1377-4:1990	C
	In-situ bulk density - nuclear method - compliance tests	BS 1377-9:1990	B&C
	In-situ moisture density - nuclear method - compliance tests	BS 1377-9:1990	C
END			