


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>0746</p> <p>Accredited to ISO/IEC 17025:2005</p>	Derbyshire County Council	
	Issue No: 030	Issue date: 13 May 2011
Highways Laboratory Ripley Road Ambergate Belper Derbyshire DE56 2ER	Contact: Mr M Rice Tel: +44 (0)1773 852268 Fax: +44 (0)1773 856095 E-Mail: martin.rice@derbyshire.gov.uk Website:	
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: 50%; border: none;">Address Highways Laboratory Ripley Road Ambergate Belper Derbyshire DE56 2ER</td> <td style="width: 50%; border: none;">Local contact Mr M Rice</td> </tr> </table>	Address Highways Laboratory Ripley Road Ambergate Belper Derbyshire DE56 2ER	Local contact Mr M Rice	Manufacture of test specimens: Concrete Testing: Aggregates - mechanical & physical tests Bituminous mixtures - physical tests Hot-applied Thermoplastic Road Marking Materials - physical tests Concrete - mechanical & physical tests Soils - mechanical & physical tests	Laboratory
Address Highways Laboratory Ripley Road Ambergate Belper Derbyshire DE56 2ER	Local contact Mr M Rice			

Site activities performed away from the locations listed above:

Location details	Activity	Location code		
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">All locations suitable for the activities listed</td> <td style="width: 50%; border: none;">Mr M Rice</td> </tr> </table>	All locations suitable for the activities listed	Mr M Rice	Sampling: Aggregates, Bituminous mixtures & Concrete Manufacture of test specimens: Concrete Testing: Concrete - physical tests Hot-applied Thermoplastic Road Marking Materials - physical tests Paved Surfaces - physical tests Road Pavement Surfaces - physical tests Soils - mechanical tests	Site
All locations suitable for the activities listed	Mr M Rice			



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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
	Moisture content - oven drying method	BS 812:Part 109:1990	Laboratory
	Particle size distribution - sieving method	BS EN 933-1:1997	Laboratory
	Particle shape - flakiness index	BS EN 933-3:1997	Laboratory
	Resistance to fragmentation by the Los Angeles Method	EN 1097-2:1998	Laboratory
BITUMINOUS MIXTURES for roads and other paved areas	Sampling from: - the material around the augers of the paver	BS EN 12697-27:2001	Site
	Sampling coated chippings from stockpiles	BS EN 12697-27:2001	Site
	Soluble binder content by recovery, using bottle rotation machine, bucket centrifuge type 1 and volume calculation	BS EN 12697-1:2005	Laboratory
	Soluble binder content by difference using bottle rolling machine	BS EN 12697-1:2005	Laboratory
	Particle size distribution	BS EN 12697-2:2002	Laboratory
	Determination of the maximum density - procedure B	BS EN 12697-5:2009	Laboratory
	Bulk density - sealed specimen	BS EN 12697-6:2003	Laboratory
	Determination of void characteristics	BS EN 12697-8:2008	Laboratory



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CONCRETE - fresh	Hot Sand Test	BS EN 12697-37:2003	Laboratory
	Sampling fresh concrete on site - spot sample	BS EN 12350-1:2009	Site
	Sampling fresh concrete on site - composite sample	BS EN 12350-1:2009	Site
	Slump	BS EN 12350-2:2009	Site
	Making test cubes	BS EN 12390-2:2009	Laboratory Site
CONCRETE - hardened	Compressive strength of cubes - including curing (loads from 10 to 2000kN)	BS EN 12390-3:2002 BS EN 12390-1:2000 BS EN 12390-2:2000	Laboratory
	Density	BS EN 12390-7:2000	Laboratory
	HOT-APPLIED THERMOPLASTIC ROAD MARKING MATERIALS	Measuring method for the luminance factor and chromaticity coordinates	BS EN 1436:1998: Annex C
PAVED SURFACES	Determination of the chromaticity coordinates and luminance factor	BS EN 1871:2000:Annex A	Laboratory
	Skid resistance	BS EN 1436:1998	Site
	Retro-reflectivity	BS EN 1436:1998 using an LTL 2000 retrometer	Site
	Skid resistance value	TRRL Road Note 27/69	Site
	ROAD PAVEMENT SURFACES	Texture depth - by the sand-patch method	BS 598:Part 105:2000
	Measurement of pavement surface macrotexture depth using a volumetric patch technique	BS EN 13036-1:2010	Site



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SOILS for civil engineering purposes	Surface regularity using a rolling straight-edge	TRRL Supplementary Report 290:1977	Site
	Surface regularity using a rolling straight-edge	Specification for Highway Works, HMSO December 2004 Clause 702	Site
	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 density - gas jar	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
	Particle size distribution - sedimentation - pipette method	BS 1377:Part 2:1990	Laboratory
	California Bearing Ratio (CBR) (loads from 0.1 to 19.50kN)	BS 1377:Part 4:1990	Laboratory
	In-situ California Bearing Ration (CBR) (loads from 0.1 to 20kN)	BS 1377:Part 9:1990	Site
	END		