


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p>Accredited to ISO/IEC 17025:2005</p>	<b>Devon County Council</b>	
	<b>Issue No:</b> 031	<b>Issue date:</b> 10 June 2011
	<b>Environment, Economy &amp; Culture Directorate</b> County Scientific & Materials Laboratory, Little Moor House Falcon Road, Sowton Industrial Estate, Exeter, Devon EX2 7PL	<b>Contact: Mr K H Grant</b> <b>Tel: +44 (0)1392-386500</b> <b>Fax: +44 (0) 1392-386477</b> <b>E-Mail: keith.grant@devon.gov.uk</b> <b>Website: www.devon.gov.uk</b>
<b>Testing performed by the Organisation at the locations specified below</b>		

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

#### Laboratory locations:

Location details	Activity	Location code		
<table border="0"> <tr> <td style="vertical-align: top;"> <b>Address</b>                      Environment, Economy &amp; Culture Directorate                      County Scientific &amp; Materials Laboratory,                      Little Moor House                      Falcon Road,                      Sowton Industrial Estate,                      Exeter,                      Devon                      EX2 7PL                 </td> <td style="vertical-align: top;"> <b>Local contact</b>                      Mr K H Grant                 </td> </tr> </table>	<b>Address</b> Environment, Economy & Culture Directorate County Scientific & Materials Laboratory, Little Moor House Falcon Road, Sowton Industrial Estate, Exeter, Devon EX2 7PL	<b>Local contact</b> Mr K H Grant	Testing of aggregates, bituminous mixtures, concrete and soils for civil engineering purposes.	A
<b>Address</b> Environment, Economy & Culture Directorate County Scientific & Materials Laboratory, Little Moor House Falcon Road, Sowton Industrial Estate, Exeter, Devon EX2 7PL	<b>Local contact</b> Mr K H Grant			

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

Location details	Activity	Location code
All site location suitable for the activities listed	Sampling and testing of aggregates, bituminous mixtures, binder distributors, concrete, flooring and paved surfaces, guardrails, road marking materials and soils for civil engineering purposes.	B



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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	Particle size distribution - sieving method	BS EN 933-1:1997	A
	Flakiness index	BS EN 933-3:1997	A
	Uniformity coefficient )	Specification for Highway Works 600 series Table 6-1 Footnote 5.	A
	Sampling from stockpiles	BS EN 932-1:1997:Annex C	B
BITUMINOUS MIXTURES for roads and other paved areas	Soluble binder content by difference, using bottle rotation machine and pressure filter	BS EN 12697-1:2005	A
	Particle size distribution	BS EN 12697-2:2002	A
	Air voids content	BS EN 12697-8:2003 BS 598:Part 104:2005	A
	Maximum density	BS EN 12697-5:2002	A
	Theoretical maximum specific gravity and density	ASTM D 2041-11	A
	Temperature of bituminous mixtures - in the hopper of a paver - in laid-but-not-rolled material	BS 598:Part 109:1990	B



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BITUMINOUS MIXTURES for roads and other paved areas	Sampling from around the augers of the paver	BS 598:Part 100:1987	B
	Sampling from workable material in heaps	BS 598:Part 100:1987	B
	Sampling of finished material - core cutting method	BS 598:Part 100:1987	B
	Sampling of finished material - core cutting method	Specification for Highway Works, TSO November 2003:Clause 929 and Documented In-House Method TP 10.4	B
CONCRETE - hardened	Compressive strength of cubes - including curing	BS 1881:Part 116:1983 BS 1881:Part 111:1983	A
	Compressive strength of cores	BS 1881:Part 120:1983 BS EN 12504-1:2009	A
	Density	BS 1881:Part 114:1983 BS EN 12390-7:2009	A
	Sampling of concrete by coring	Documented In-House Method TP 10.4	B
	Sampling of concrete by dust drilling	Documented In-House Method TP 09	B
	Half-cell potential of uncoated reinforcing steel in concrete	ASTM C876-99	B
	Location of reinforcement	BS 1881:Part 204:1988	B
	FLOORING	The assessment of floor slip resistance	Documented In-House Method TP 11 based on TRL Road Note 27 and The UK Slip Resistance Group Guidelines, Issue 3:2005.



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GUARDRAILS and SAFETY FENCING	Tensile testing of parapet anchorages	BS 5080:Part 1:1983 Specification for Highway Works: TSO May 2005, Clause 410	B
	Footing stability	Documented In-House Method TP 06 based on Specification for Highway Works: may 2001, Clause 404.4, PTE/09 and PTE/10	B
HOT BINDER DISTRIBUTORS for road surface dressing	Rate of spread of binder	BS 1707:1989	B
PAVED SURFACES	Skid resistance value	BS EN 13036-4:2003 TRRL Road Note 27/69	B
	Surface friction of pavements (griptester)	BS 7941-2:2000	B
	Texture depth by the sand-patch method	BS 598:Part 105:2000	B
	Surface regularity using a rolling straight-edge	Specification for Highway Works, TSO May 2004, Clause 702	B
	Retro-reflectivity	BS EN 1436:1998 and LTL user group procedures, using an LTL 2000 Retrometer	B
	Sampling by coring	Documented In-House Method TP 10.4.1	B
	Coring of utility re-instatements and logging of cores	Documented In-House Method TP10.4.3 in accordance with NRSWA Specification:Oct 2010	A & B
SOILS for civil engineering purposes	Resistivity - Wenner probe method	BS 1377:Part 3:1990	A
	Redox potential	BS 1377:Part 3:1990	A
	California Bearing Ratio (CBR)	BS 1377:Part 4:1990	A
	Moisture content - oven drying method	BS 1377:Part 2:1990	A



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
SOILS for civil engineering purposes (cont'd)	Liquid limit - cone penetrometer	BS 1377:Part 2:1990	A
	Plastic limit	BS 1377:Part 2:1990	A
	Plasticity index and liquidity index	BS 1377:Part 2:1990	A
	Particle size distribution - wet sieving	BS 1377:Part 2:1990	A
	Particle size distribution - dry sieving	BS 1377:Part 2:1990	A
	Dry density/moisture content relationship (2.5 kg rammer)	BS 1377:Part 4:1990	A
	Dry density/moisture content relationship (4.5 kg rammer)	BS 1377:Part 4:1990	A
	Dry density/moisture content relationship (vibrating hammer)	BS 1377:Part 4:1990	A
	Uniformity coefficient	Specification for Highway Works 600 series Table 6-1 Footnote 5.	A
	Resistivity (p)	Specification for Highway Works, TSO Jan 2004, Clause 637	B
	Apparent resistivity	BS 1377:Part 9:1990	B
	Redox potential (E)	BS 1377:Part 9:1990 Specification for Highway Works, TSO Jan 2004, Clause 638	B
Equivalent CBR values using a Dynamic Cone Penetrometer	Documented In-House Method TP 14 using calculation from TRL Road Note 8	B	

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