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Accredited to
ISO/IEC 17025:2005

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

Testconsult Ireland Limited
Issue No: 016 Issue date: 04 February 2010

Testing performed by the Organisation at the locations specified

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
AGGREGATES	Sampling stockpiles of fine aggregates by hand	BS EN 932-1:1997	B, C
	Sampling stockpiles of coarse aggregates by hand	BS EN 932-1:1997	B, C
	Sampling coarse, fine and all-in aggregates - from heaps	BS 812:Part 102:1989	B
	Particle size distribution - sieving method	BS EN 933-1:1997	A, C, D
	Flakiness index	BS EN 933-3:1997	A, C
	Shape index	BS EN 933-4:2000	A
	Determination of the percentage crushed and broken surfaces in coarse aggregate particles	BS EN 933-5:1998	A
	Shell Content	BS EN 933-7:1998	A
	Assessment of fines - methylene blue test	BS EN 933-9:1999	A
	Micro-Deval coefficient	BS EN 1097-1:1996	A
	Micro-Deval coefficient	BS EN 1097-1:1996 modified in accordance with BS EN 13450:2002 Annex E	A
	Los Angeles coefficient	BS EN 1097-2:1998	A
	Los Angeles coefficient	BS EN 1097-2:1998 modified in accordance with BS EN 13450:2002 Annex C	A
	Water content	BS EN 1097-5:1999	A, D
Particle density and water absorption - pyknometer method for aggregate particles between 4 mm and 31,5 mm	BS EN 1097-6:2000	A	



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AGGREGATES (continued)	Particle density and water absorption - pyknometer method for aggregate particles between 0,063 mm and 4 mm	BS EN 1097-6:2000	A
	Polished Stone Value	BS EN 1097-8:2000	A
	Aggregate Abrasion Value	BS EN 1097-8:2000	A
	Magnesium Sulphate Test	BS EN 1367-2:1998	A
	Drying Shrinkage	BS EN 1367-4:1998	A
	Aggregate crushing value - particle size 10mm and greater (loads from 50 to 2000kN)	BS 812:Part 110:1990	A
	Ten per cent fines value - dry - particle size 10mm and greater (loads from 50 to 2000kN)	BS 812:Part 111:1990	A, C
	Ten per cent fines value - soaked - particle size 10mm and greater (loads from 50 to 2000kN)	BS 812:Part 111:1990	A, C
	Particle size distribution - washing and sieving	BS 812:Part 103 Section 103.1:1985	A, C
	Particle size distribution - dry sieving	BS 812:Part 103 Section 103.1:1985	A, C
	Flakiness index	BS 812:Part 105 Section 105.1:1989	A, C
	Moisture content - oven drying method	BS 812:Part 109:1990	A, C
Uniformity coefficient (221 2217)	BS 6100:Subsection 2.2.1:1992	A, C	
BITUMINOUS MIXTURES for roads and other paved areas	Sampling from - around the augers of the paver	BS 598:Part 100:2004	B, C



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BITUMINOUS MIXTURES for roads and other paved areas (continued)	Sampling of finished material - core cutting method	BS 598:Part 100:2004	B, C
	Binder content and grading of mineral aggregate - extraction bottle method: binder determination by difference	BS 598:Part 102:2003	A
	Percentage refusal density (PRD)	BS 598:Part 104:2005	A, C
	Temperature of bituminous mixtures - in the hopper of a paver - in laid-but-not-rolled material	BS 598:Part 109:1990	B
	Maximum density - volumetric procedure	BS EN 12697-5:2002	A, C
	Measurements of temperature - of laid materials - in a heap	BS EN 12697-13:2000	B
	Air voids	Specification for Highway Works, November 2004, Clause 929	A
	Sampling from the material around the augers of the paver	BS EN 12697-27:2001	B
	Sampling from a lorry load of material	BS EN 12697-27:2001	B
	Determination of the dimensions of a bituminous specimen	BS EN 12697-29:2002	A
	Thickness of a bituminous pavement	BS EN 12697-36:2003	A
	Binder content by ignition	BS EN 12697-39:2004	C
CONCRETE - fresh	Slump	BS EN 12350-2:2000	B, C



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CONCRETE – fresh (cont'd)	Sampling fresh concrete on site - composite sample - spot sample	BS EN 12350-1:2000	B, C
	Sampling fresh concrete on site	BS 1881-101:1983	C
	Sampling from initial discharge (slump test)	BS 1881-102:1983	C
	Slump	BS 1881-102:1983	C
	Flow	BS 1881-105:1984	C
	Flow table test	BS EN 12350-5:2000	C
CONCRETE - hardened	Compressive strength of cubes - including curing (loads from 50 to 2000kN)	BS 1881:Part 116:1983 BS 1881:Part 111:1983	A, C A
	Compressive strength of cubes - including curing (loads from 50 to 2000kN)	BS EN 12390-3:2002 BS EN 12390-2:2000	A, C
	Compressive strength of cores (loads from 50 to 2000kN)	BS 1881:Part 120:1983	A, C
	Examination and Compressive strength of cores	BS EN 12504-1:2000	A, C
	Density	BS 1881:Part 114:1983	A, C
	Density	BS EN 12390-7:2000	A, C
	CONCRETE STRUCTURES	Location of reinforcement	BS 1881 Part 204:1988
Tensile loading of structural fixings		BS 5080 Part 1:1993 Documented In-house method WI No.40iso (Appendix B) 20 May 2009	B
Surface hardness by rebound hammer		BS EN 12504-2:2001	B



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CONSTRUCTION MATERIALS	Rapid measurement of moisture content	Documented In-house method WI No.40iso (Appendix A) 20 May 2009	A, B
PILED FOUNDATIONS	Pile integrity	Documented in house method – Testing of foundations by the Transient Dynamic Response Method - February 2006	B
ROAD MATERIALS - unbound and hydraulically bound mixtures	Laboratory reference density and water content - vibrating hammer	BS EN 13286-4:2003	A
ROAD PAVEMENT SURFACES	Texture depth - by the sand patch method	BS 598:Part 105:2000	B
	Pavement surface macrotexture depth using a volumetric patch technique	BS EN 13036-1:2002	B, C
	Skid resistance value	BS EN 13036-4:2003	B
	Surface regularity using a rolling straight-edge	TRRL Supplementary Report 290:1977	B, C
SOILS for civil engineering purposes	In-situ density - nuclear method	Documented In-House Method WI No. 36, Issue 2, January 2005	B, C
	Sampling earthworks materials	Documented In-House procedure TIL-WI-MMR-002(01)	B, C
	Moisture content - oven drying method	BS 1377:Part 2:1990	A, C, D
	Liquid limit - cone penetrometer - one point	BS 1377:Part 2:1990	A, C
	Liquid limit - cone penetrometer (definitive method)	BS 1377-2:1990	A, C
	Plastic limit	BS 1377:Part 2:1990	A, C



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SOILS for civil engineering purposes (cont'd)	Plasticity index and liquidity index	BS 1377:Part 2:1990	A, C
	Particle size distribution - wet sieving	BS 1377:Part 2:1990	A, C, D
	Particle size distribution - dry sieving	BS 1377:Part 2:1990	A, C, D
	Dry density/moisture content relationship (2.5 kg rammer)	BS 1377:Part 4:1990	A, C
	Dry density/moisture content relationship (4.5 kg rammer)	BS 1377:Part 4:1990	A, C
	Dry density/moisture content relationship (vibrating hammer)	BS 1377:Part 4:1990	A, C
	California Bearing Ratio (CBR) (loads from 0.6 to 28kN)	BS 1377:Part 4:1990	A
	MCV - natural moisture content	BS 1377:Part 4:1990	A, C, D
	Undrained shear strength in triaxial compression without measurement of pore pressure (definitive method) (loads from 0.6 to 28kN)	BS 1377-7:1990	A, C
	Shear strength – large shearbox (loads from 0 to 100 kN)	BS 1377:Part 7:1990	A
	Vertical deformation and strength characteristics of soil by the plate loading test (loads from 3 to 70kN)	BS 1377:Part 9:1990	B, C
	In-situ California Bearing Ratio (CBR) (loads from 0.6 to 28kN)	BS 1377:Part 9:1990	B
	In-situ density - sand replacement method (large pouring cylinder)	BS 1377:Part 9:1990	B



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SOILS for civil engineering purposes (cont'd)	In-situ density - core cutter method	BS 1377:Part 9:1990	B
	In-situ density - nuclear method - compliance tests - comparative tests	BS 1377:Part 9:1990	B, C
	Uniformity coefficient	NRA Manual of Contract Documents Volume 1, Specification for roadworks, Series 600, Table 6/1, Footnote 5	A, C, D
	Effective angle of internal friction and effective cohesion (loads from 0 to 100 kN)	NRA Manual of Contract Documents Volume 1, Specification for roadworks Clause 636 using Large Shearbox	A
	Roundness	W.I No.1 (01/09/08) based on M C Powers, Journal of Sedimentary Petrology Vol. 23 p.118, 1953	C
	Evaluation tests on Armourstone (6U)	W.I No.2 (01/09/08) based on IS EN 13383-1 and 2:2002	C

END