


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 Accredited to ISO/IEC 17025:2005	ACS Testing Limited	
	Issue No: 027 Issue date: 11 July 2008	
	Unit 14 Blackhill Road West Holton Heath Trading Park Poole Dorset BH16 6LE	Contact: Mr S J White Tel: +44 (0)1202 622858 Fax: +44 (0)1202 625045 E-Mail: Mike.Lewis@acstesting.co.uk Website: www.acstesting.co.uk
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
Address Unit 14 Blackhill Road West Holton Heath Trading Park Poole Dorset BH16 6LE	Local contact Mr D S Faulkner	Laboratory testing A

Site activities performed away from the locations listed above:

Location details	Activity	Location code
All locations suitable for the activities listed	Local contact Mr D S Faulkner	Site sampling and testing 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 density and water absorption for aggregate between 40 mm and 5 mm	BS 812-2:1995	A
	Particle density and water absorption for aggregate 10 mm nominal size and smaller	BS 812-2:1995	A
	Bulk density and calculation of voids and bulking of aggregate	BS 812-2:1995	A
	Sampling coarse, fine and all-in aggregates from heaps	BS 812-102:1989	B
	Particle size distribution - washing and sieving	BS 812-103.1:1985	A
	Particle size distribution - dry sieving	BS 812-103.1:1985	A
	Flakiness index	BS 812-105.1:1989	A
	Shell content	BS 812-106:1985	A
	Moisture content - oven drying method	BS 812-109:1990	A
	Aggregate crushing value - particle size 10 mm and greater (loads from 10 to 3000 kN)	BS 812-110:1990	A
	Ten per cent fines value - dry - particle size 10 mm and greater (loads from 10 to 3000 kN)	BS 812-111:1990	A
	Ten per cent fines value - soaked - particle size 10 mm and greater (loads from 10 to 3000 kN)	BS 812-111:1990	A



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AGGREGATES	Frost-heave	BS 812-124:1989	A
	Uniformity coefficient (221 2217)	BS 6100-2.2.1:1992	A
	Sampling stockpiles of fine aggregates by hand	BS EN 932-1:1997	B
	Sampling stockpiles of coarse aggregates by hand	BS EN 932-1:1997	B
	Particle size distribution - sieving method	BS EN 933-1:1997	A
	Flakiness index	BS EN 933-3:1997	A
	Shape index	BS EN 933-4:2000	A
	Shell content - percentage of shells in coarse aggregates	BS EN 933-7:1998	A
	Assessment of fines - sand equivalent test	BS EN 933-8:1999	A
	Assessment of fines - methylene blue test	BS EN 933-9:1999	A
	Assessment of fines - methylene blue value of the 0/0,125 mm fraction	BS EN 933-9:1999	A
	Micro-Deval coefficient	BS EN 1097-1:1996	A
	Resistance to fragmentation by the Los Angeles test method	BS EN 1097-2:1998	A
	Loose bulk density and voids	BS EN 1097-3:1998	A
	Compacted dry bulk density	BS EN 1097-3:1998	A
Loose bulk density with damp aggregates	BS EN 1097-3:1998	A	



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AGGREGATES	Water content	BS EN 1097-5:1999	A
	Particle density and water absorption - pyknometer method for aggregate particles between 4 mm and 31,5 mm	BS EN 1097-6:2000	A
	Particle density and water absorption - pyknometer method for aggregate particles between 0,063 mm and 4 mm	BS EN 1097-6:2000	A
	Magnesium sulfate test (excluding simple petrographical description)	BS EN 1367-2:1998	A
	Constituent materials in recycled aggregate and recycled concrete aggregate	Specification for Highway Works, HMSO November 2004 Clause 710	A
	Frost heave	Specification for Highway Works, HMSO November 2004 Clause 801	A
BITUMINOUS MIXTURES for roads and other paved areas	Sampling from - around the augers of the paver - workable material in heaps	BS 598-100:2004	B
	Sampling coated chippings from stockpiles	BS 598-100:2004	B
	Binder content and grading of mineral aggregate - extraction bottle method: binder determination by difference	BS 598-102:2003	A
	Percentage refusal density (PRD)	BS 598-104:2005	A
	Density of cores	BS 598-104:2005	A
	Temperature of bituminous mixtures - in the hopper of a paver - in laid-but-not-rolled material	BS 598-109:1990	B



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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
	Maximum density - volumetric procedure	BS EN 12697-5:2002	A
	Bulk density - dry - saturated surface dry (SSD) - sealed specimen	BS EN 12697-6:2003	A
	Air voids content	BS EN 12697-8:2003	A
	Conventional refusal density - vibratory compaction	BS EN 12697-9:2002	A
	Percentage refusal density (PRD) - vibratory compaction	BS EN 12697-9:2002	A
	Measurements of temperature - of laid materials - in a heap	BS EN 12697-13:2000	B
	Sampling from the material around the augers of the paver	BS EN 12697-27:2001	B
	Sampling of workable material in heaps	BS EN 12697-27:2001	B
	Sampling coated chippings from stockpiles	BS EN 12697-27:2001	B
	Preparation of samples for determining binder content, water content and grading	BS EN 12697-28:2001	A, B
Laboratory compaction of bituminous mixtures by vibratory compaction	BS EN 12697-32:2003	A	



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CONCRETE - fresh	Sampling fresh concrete on site	BS 1881-101:1983	B
	Sampling from initial discharge (slump test)	BS 1881-102:1983	B
	Slump	BS 1881-102:1983	B
	Air content - method A	BS 1881-106:1983	B
	Air content - method B	BS 1881-106:1983	B
	Sampling fresh concrete on site - composite sample - spot sample	BS EN 12350-1:2000	B
	Slump	BS EN 12350-2:2000	B
	Air content - water column method	BS EN 12350-7:2000	B
	Air content - pressure gauge method	BS EN 12350-7:2000	B
	Temperature	Documented In-House Method No ISWPM 2/3 8/95	B
CONCRETE - hardened	Density	BS 1881-114:1983	A
	Compressive strength of cubes - including curing (loads from 10 to 3000 kN)	BS 1881-116:1983 BS 1881-111:1983	A
	Compressive strength of cores (loads from 10 to 3000 kN)	BS 1881-120:1983	A
	Compressive strength of cubes - including curing (loads from 10 to 3000 kN)	BS EN 12390-3:2002 BS EN 12390-2:2000	A
	Density	BS EN 12390-7:2000	A
	Cored specimens - examining and testing in compression (loads from 10 to 3000 kN)	BS EN 12504-1:2000	A



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ROAD PAVEMENT SURFACES	Texture depth by the sand-patch method	BS 598-105:2000	B
	Pavement surface macrotexture depth using a volumetric patch technique	BS EN 13036-1:2002	B
SOILS for civil engineering purposes	Macrotexture depth - volumetric patch technique	Specification for Highway Works, HMSO May 2001 Clause 1031	B
	Moisture content - oven drying method	BS 1377-2:1990	A
	Liquid limit - cone penetrometer	BS 1377-2:1990	A
	Liquid limit - cone penetrometer - one point	BS 1377-2:1990	A
	Plastic limit	BS 1377-2:1990	A
	Plasticity index and liquidity index	BS 1377-2:1990	A
	Particle density - gas jar	BS 1377-2:1990	A
	Particle density - small pycnometer	BS 1377-2:1990	A
	Particle size distribution - wet sieving	BS 1377-2:1990	A
	Particle size distribution - dry sieving	BS 1377-2:1990	A
	Particle size distribution - sedimentation by the hydrometer method	BS 1377-2:1990	A
	Dry density/moisture content relationship (2.5 kg rammer)	BS 1377-4:1990	A
Dry density/moisture content relationship (4.5 kg rammer)	BS 1377-4:1990	A	



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SOILS for civil engineering purposes	Dry density/moisture content relationship (vibrating hammer)	BS 1377-4:1990	A
	MCV - natural moisture content	BS 1377-4:1990	A
	MCV/moisture content relation	BS 1377-4:1990	A
	California Bearing Ratio (CBR) (loads from 0.2 to 19.5 kN)	BS 1377-4:1990	A
	Undrained shear strength in triaxial compression without measurement of pore pressure (definitive method) (loads from 0.2 to 19.5 kN)	BS 1377-7:1990	A
	In-situ density - sand replacement method (large pouring cylinder)	BS 1377-9:1990	B
	In-situ density - core cutter method	BS 1377-9:1990	B
	In-situ bulk density - nuclear method - comparative tests	BS 1377-9:1990	B
	In-situ bulk density - nuclear method - absolute tests	BS 1377-9:1990	B
	In-situ bulk density - nuclear method - compliance tests	BS 1377-9:1990	B
	In-situ moisture density - nuclear method - comparative tests	BS 1377-9:1990	B
	In-situ California Bearing Ratio (CBR) (loads from 0.2 to 19.5 kN)	BS 1377-9:1990	B
	Uniformity coefficient (221 2217)	BS 6100-2.2.1:1992	A



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SOILS for civil engineering purposes	Undrained shear strength of remoulded cohesive material <i>(loads from 0.2 to 19.5 kN)</i>	Specification for Highway Works, HMSO March 1998 Clause 633	A
STABILIZED MATERIALS for civil engineering purposes - cement-stabilized and lime-stabilized materials	In-situ density - sand replacement method (large pouring cylinder)	BS 1924-2:1990	B
	In-situ density - core cutter method (for unhardened fine-grained materials)	BS 1924-2:1990	B
	In-situ bulk density - nuclear method by direct transmission - comparative tests	BS 1924-2:1990	B
	In-situ bulk density - nuclear method by direct transmission - compliance tests	BS 1924-2:1990	B
	In-situ moisture density - nuclear method by back scatter - comparative tests	BS 1924-2:1990	B
UNBOUND and HYDRAULICALLY BOUND MIXTURES	Laboratory reference density and water content - vibrating hammer	BS EN 13286-4:2003	A
WATERS - ground water, waste water and effluent	Conductivity	Documented In-House Method In-situ Works Procedures Manual Section 6 No 10 : February 2005	B
	Dissolved oxygen content	Documented In-House Method In-situ Works Procedures Manual Section 6 No 10 : February 2005	B
	pH	Documented In-House Method In-situ Works Procedures Manual Section 6 No 10 : February 2005	B



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WATERS - ground water, waste water and effluent	Temperature	Documented In-House Method In-situ Works Procedures Manual Section 6 No 10 : February 2005	B
END			