


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: 030 Issue date: 12 March 2012	
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Testing performed by the Organisation at the locations specified below

Locations covered by the Organisation and their relevant activities

Laboratory location:

Location details	Activity	Location code
Address Unit 14 Blackhill Road West Holton Heath Trading Park Poole Dorset BH16 6LE	Laboratory testing	A

Site activities performed away from the location listed above:

Location details	Activity	Location code
All locations suitable for the activities listed	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	Aggregate crushing value - particle size 10 mm and greater <i>(loads from 20 to 3000 kN)</i>	BS 812-110:1990	A
	Ten per cent fines value - dry - particle size 10 mm and greater <i>(loads from 20 to 3000 kN)</i>	BS 812-111:1990	A
	Ten per cent fines value - soaked - particle size 10 mm and greater <i>(loads from 20 to 3000 kN)</i>	BS 812-111:1990	A
	Frost-heave	BS 812-124:2009	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 933-4:2008	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 933-9:2009	A
	Assessment of fines - methylene blue value of the 0/0,125 mm fraction	BS EN 933-9:2009	A



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AGGREGATES (cont.)	Classification test for the constituents of coarse recycled aggregate	BS EN 933-11:2009	A
	Micro-Deval coefficient	BS EN 1097-1:2011	A
	Resistance to fragmentation by the Los Angeles test method	BS EN 1097-2:2010	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
	Water content	BS EN 1097-5:2008	A
	Particle density and water absorption - wire-basket method for aggregate particles between 31,5 mm and 63 mm	BS EN 1097-6:2000	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	BS EN 1367-2:2009	A
	Constituent materials in recycled aggregate and recycled concrete aggregate	Specification for Highway Works, HMSO November 2004 Clause 710	A
Uniformity coefficient	Specification for Highway Works, Table 6/1, Footnote 5: November 2007	A	



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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 12697-5:2009	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
Measurements of temperature - in a wagon	Documented In-House Method In-situ Works Procedures Manual Section 5 Number 1	B	



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CONCRETE - fresh	Sampling fresh concrete on site - composite sample - spot sample	BS EN 12350-1:2009	B
	Slump	BS EN 12350-2:2009	B
	Air content - water column method	BS EN 12350-7:2009	B
	Air content - pressure gauge method	BS EN 12350-7:2009	B
	Temperature	Documented In-House Method In-situ Works Procedures Manual Section 2 Number 3	B
CONCRETE - hardened	Density	BS 1881-114:1983	A
	Compressive strength of cubes - including curing (loads from 20 to 3000 kN)	BS 1881-116:1983 BS 1881-111:1983	A
	Compressive strength of cubes - including curing (loads from 20 to 3000 kN)	BS EN 12390-3:2009 BS EN 12390-2:2009	A
	Density	BS EN 12390-7:2009	A
	Cored specimens - examining and testing in compression (loads from 20 to 3000 kN)	BS EN 12504-1:2009	A
NATURAL STONE	Water absorption coefficient by capillarity	BS EN 1925:1999	A
	Uniaxial compressive strength (loads from 20 to 3000 kN)	BS EN 1926:2006	A
	Open porosity and apparent density	BS EN 1936:2006	A
	Real density - method A (pycnometer)	BS EN 1936:2006	A
	Total porosity	BS EN 1936:2006	A



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NATURAL STONE (cont.)	Resistance to salt crystallization	BS EN 12370:1999	A
	Frost resistance - technological test (test A)	BS EN 12371:2010	A
	Flexural strength under concentrated load (loads from 4 to 100 kN)	BS EN 12372:2006	A
	Flexural strength under constant moment (loads from 4 to 100 kN)	BS EN 13161:2008	A
	Breaking load at dowel hole (loads from 0.2 to 19.5 kN)	BS EN 13364:2002	A
	Water absorption at atmospheric pressure	BS EN 13755:2008	A
	Abrasion resistance - method A - wide wheel abrasion test	BS EN 14157:2004	A
	Slip resistance by means of the pendulum tester	BS EN 14231:2003	A
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 13036-1:2010	B
	Macrotexture depth - volumetric patch technique	Specification for Highway Works, HMSO May 2001 Clause 1031	B
SOILS for civil engineering purposes	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



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SOILS for civil engineering purposes (cont.)	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
	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	



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SOILS for civil engineering purposes (cont.)	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	Specification for Highway Works, Table 6/1, Footnote 5: November 2007	A
STABILIZED MATERIALS for civil engineering purposes - cement-stabilized and lime-stabilized materials	Undrained shear strength of remoulded cohesive material (loads from 0.2 to 19.5 kN)	Specification for Highway Works, HMSO March 1998 Clause 633	A
	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



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STABILIZED MATERIALS for civil engineering purposes - cement-stabilized and lime-stabilized materials (cont.)	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	B
	Dissolved oxygen content	Documented In-House Method In-situ Works Procedures Manual Section 6 No 10	B
	pH	Documented In-House Method In-situ Works Procedures Manual Section 6 No 10	B
	Temperature	Documented In-House Method In-situ Works Procedures Manual Section 6 No 10	B
END			