

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS TESTING 4161</p> <p>Accredited to ISO/IEC 17025:2005</p>	<h3>Construction Testing Solutions Ltd</h3> <p>Issue No: 004 Issue date: 27 April 2011</p>	
	<p>Bootham Lane Industrial Estate Bootham Lane Dunscroft Doncaster DN7 4JU</p>	<p>Contact: Mr J Hardcastle Tel: +44 (0)1302 352652 Fax: +44 (0)1302 352700 E-Mail: j.hardcastle@earthworkstesting.co.uk Website: www.earthworkstesting.co.uk</p>
<p>Testing performed by the Organisation at the locations specified below</p>		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
<p>Address Bootham Lane Industrial Estate Bootham Lane Dunscroft Doncaster DN7 4JU</p> <p>Local contact Mr J Hardcastle</p>	<p>Aggregates Concrete - fresh Concrete - hardened Soils</p>	A

Site activities performed away from the locations listed above:

Location details	Activity	Location code
<p>All locations suitable for the activities listed</p>	<p>Concrete - fresh Soils</p>	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	Sampling - from stockpiles	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
	Resistance to Fragmentation - Los Angeles method	BS EN 1097-2:1998	A
	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
	Magnesium sulphate test (excluding simple petrographical description)	BS EN 1367-2:1998	A
CONCRETE - fresh	Sampling - composite sample - spot sample	BS EN 12350-1:2000	B
	Slump	BS EN 12350-2:2009	B
	Making concrete cubes	BS EN 12390-2:2000	A
CONCRETE - hardened	Compressive strength of cubes - including curing (loads from 40 to 2000 kN)	BS 1881-116:1983 BS EN 12390-3:2009 BS 1881-111:1983 BS EN 12390-2:2000	A
	Density	BS 1881-114:1983 BS EN 12390-7:2009	A
SOILS for civil engineering purposes	Moisture content - oven drying method	BS 1377-2:1990	A
	Liquid limit - cone penetrometer	BS 1377-2:1990	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 - one point	BS 1377-2:1990	A
	Plastic limit	BS 1377-2:1990	A
	Plasticity index	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 - fine grained soils (hydrometer method)	BS 1377-2:1990	A
	Particle density - gas jar	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
	Moisture condition value (MCV)	BS 1377-4:1990	A
	Moisture condition value (MCV) natural moisture content	BS 1377-4:1990	A & B
	California Bearing Ratio (CBR) (loads from 0.2 - 50 kN)	BS 1377-4:1990	A
Swelling of soaked CBR specimen	BS 1377-4:1990	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)	Undrained shear strength - triaxial compression without measurement of pore pressure (loads from 0.2 - 50 kN)	BS 1377-7:1990	A
	In-situ density - sand replacement method (small pouring cylinder)	BS 1377-9:1990	B
	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 moisture density - nuclear method - comparative tests	BS 1377-9:1990	B
	California Bearing Ratio (CBR) (loads from 0.2 - 50 kN)	BS 1377-9:1990	B
	Calculation of equivalent CBR value using the plate bearing test	Design Manual for Roads and Bridges: Volume 7: pavement Design and maintenance - Foundation HD 25/94	B
END			