


# 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>CMT (Testing) Ltd</b>	
	Issue No: 024	Issue date: 23 November 2011
Prime Parkway Prime Enterprise Park Derby DE1 3QB	Contact: Mr M Barham Tel: +44 (0)1332 383333 Fax: +44 (0)1332 602607 E-Mail: mike.barham@cmt-ltd.co.uk Website: www.cmt-ltd.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
<p><b>Address</b>                      Prime Parkway                      Prime Enterprise Park                      Derby                      DE1 3QB</p> <p>Contact: Mr M Barham                      Tel: +44 (0)1332 383333                      Fax: +44 (0)1332 602607                      E-Mail: mike.barham@cmt-ltd.co.uk</p>	Testing: Aggregates - chemical & physical tests Concrete - chemical, geological mechanical & physical tests Mortars screeds & plasters - chemical tests Soils - chemical, mechanical & physical tests Cast stone - physical tests	Laboratory

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

Location details	Activity	Location code
<p>All locations suitable for the                      activities listed</p> <p>Contact:                      Mr M Barham</p>	Sampling: Concrete  Testing: Concrete - chemical & non-destructive tests Road signs & lighting columns - non-destructive tests Soils - mechanical & physical tests	Site



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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 - wet sieving	BS 812:Part 103 Section 103.1:1985	Laboratory
	Particle size distribution - dry sieving	BS 812:Part 103 Section 103.1:1985	Laboratory
	Acid-soluble materials content	BS 812:Part 119:1985	Laboratory
	Particle size distribution - sieving method	BS EN 933-1:1997	Laboratory
	Resistance to fragmentation by the Los Angeles Method	EN 1097-2:1998	Laboratory
CONCRETE - hardened	Density	BS 1881:Part 114:1983	Laboratory
	Compressive strength of cubes - including curing (loads from 20 to 2000kN)	BS 1881:Part 116:1983 BS 1881:Part 111:1983	Laboratory
	Compressive strength of cores (loads from 20 to 2000kN)	BS 1881:Part 120:1983	Laboratory
	Cement & aggregate content	BS 1881:Part 124:1988	Laboratory
	Chloride content	BS 1881:Part 124:1988	Laboratory
	Sulphate content	BS 1881:Part 124:1988	Laboratory
	Sodium oxide & potassium oxide contents	BS 1881:Part 124:1988	Laboratory
	Sulphur as sulphide content	BS 1881:Part 124:1988	Laboratory
	Type of aggregate	BS 1881:Part 124:1988	Laboratory
	Compressive strength of cubes - including curing (loads from 20 to 2000kN)	BS EN 12390-3:2009 BS EN 12390-1:2000 BS EN 12390-2:2009	Laboratory
	Density	BS EN 12390-7:2009	Laboratory



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CONCRETE - hardened (cont'd)	Cored specimens - examining and testing in compression (loads from 20 to 2000kN)	BS EN 12504-1:2009	Laboratory
	Coring	BS 1881:Part 120:1983	Site
	Sampling for analysis of chlorides	Documented In-House Method ISM ST4:1992	Site
	Carbonation	BRE Information Paper IP 6/81	Site
	Resistivity	Documented In-House Method ISM ST3:1992	Site
CONCRETE - reinforced	Location of reinforcement	BS 1881:Part 204:1988	Site
	Corrosion potentials of uncoated reinforcing steel in concrete	ASTM C 876-09	Site
	Rebar continuity	Documented In-House Method ISM ST2a:1992	Site
MORTARS, SCREEDS and PLASTERS	Insoluble residue and soluble silica content	BS 4551:Part 2:1998	Laboratory
	Calcium oxide content	BS 4551:Part 2:1998	Laboratory
	Sulfur trioxide content	BS 4551:Part 2:1998	Laboratory
	Chloride content	BS 4551:Part 2:1998	Laboratory
MORTAR	Insoluble residue and soluble silica content	BS 4551:2005	Laboratory
	Calcium oxide content	BS 4551:2005	Laboratory
	Sulfur trioxide content	BS 4551:2005	Laboratory
	Chloride content	BS 4551:2005	Laboratory
ROAD SIGNS and LIGHTING COLUMNS	Relative loss of section	Documented In-House Method ST 9:2008 based on The Institution of Lighting Engineers Technical Report Number 22	Site



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SOILS for civil engineering purposes	Moisture content - oven drying method	BS 1377:Part 2:1990	Laboratory
	Liquid limit - cone penetrometer	BS 1377:Part 2:1990	Laboratory
	Liquid limit - cone penetrometer - one point	BS 1377:Part 2:1990	Laboratory
	Plastic limit	BS 1377:Part 2:1990	Laboratory
	Plasticity index and liquidity index	BS 1377:Part 2:1990	Laboratory
	Particle size distribution - wet sieving	BS 1377:Part 2:1990	Laboratory
	Organic matter content	BS 1377:Part 3:1990	Laboratory
	Sulphate content of soil and ground water - gravimetric method	BS 1377:Part 3:1990	Laboratory
	pH value	BS 1377:Part 3:1990	Laboratory
	Dry density/moisture content relationship (2.5 kg rammer)	BS 1377:Part 4:1990	Laboratory
	Dry density/moisture content relationship (4.5 kg rammer)	BS 1377:Part 4:1990	Laboratory
	Dry density/moisture content relationship (vibrating hammer)	BS 1377:Part 4:1990	Laboratory
	Moisture condition value (MCV)	BS 1377:Part 4:1990	Laboratory
	California Bearing Ratio (CBR) (loads from 0.4 to 50kN)	BS 1377:Part 4:1990	Laboratory
In-situ density - sand replacement method (large pouring cylinder)	BS 1377:Part 9:1990	Site	
In-situ density - core cutter method	BS 1377:Part 9:1990	Site	



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SOILS for civil engineering purposes (cont'd)	In-situ California Bearing Ratio (CBR) <i>(loads from 0.4 to 50kN)</i>	BS 1377:Part 9:1990	Site
CAST STONE	Capillary absorption	BS 1217:2008	Laboratory
	Capillary absorption	Documented In-House Method C6:January 2000 based on UKSA Specification for Cast Stone C1/SfB, F <sub>3</sub> :March 1998	Laboratory
END			