

# 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>	<h3>530 Specialist Team Royal Engineers (Materials)</h3> <p>Issue No: 010      Issue date: 14 November 2008</p>	
	<p>170 (Infra Sp) Engr Gp Chetwynd Barracks Chilwell Nottingham NG9 5HA</p>	<p>Contact: Warrant Officer D Wakelin Tel: +44 (0)115-957 2390 Fax: +44 (0)115-957 2377 E-Mail: 530stre@armymail.mod.uk Website:</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><b>Address</b> Military Works Force Chetwynd Barracks Chilwell Nottingham NG9 5HA</p>	<p><b>Local contact</b> Warrant Officer D Wakelin</p>	<p>Testing: Aggregates – physical testing Concrete – mechanical &amp; physical testing Soils – physical testing</p>	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: Warrant Officer D Wakelin</p>	<p>Sampling: Aggregates, Bituminous Mixtures and Concrete (fresh &amp; hardened) and Soils</p> <p>Manufacture of test specimens: Concrete</p> <p>Testing: Concrete (fresh) – physical testing Soils – physical testing</p>	Site
<p>Mobile laboratories established to perform the activities listed</p>	<p>Contact: Warrant Officer D Wakelin</p>	<p>Testing: Aggregates – physical testing Soils – physical testing</p>	Mobile Laboratories



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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	Methods for sampling - from stockpiles	BS EN 932-1:1997 Clause 8.8	Site
	Methods for reducing laboratory samples	BS EN 932-2:1999	Laboratory Site Mobile Laboratories
	Particle size distribution - sieving method	BS EN 933-1:1997	Laboratory Mobile Laboratories
	Particle shape - flakiness index	BS EN 933-3:1997	Laboratory Mobile Laboratories
BITUMINOUS MIXTURES for roads and other paved areas	Sampling of finished material - core cutting method	BS 598-100:1987	Site
CONCRETE - fresh	Sampling fresh concrete on site - composite sample	BS EN 12350-1:2000	Site
	Sample fresh concrete on site-spot sample	BS EN 12350-1:2000	Site
	Making and curing specimens for strength tests	BS EN 12350-2:2000	Laboratory Site
	Slump	BS EN 12350-2:2000	Site
CONCRETE - hardened	Taking cored specimens	BS EN 12504-1:2000	Site
	Compressive strength of cubes - including curing (loads from 50 to 2000kN)	BS EN 12390-3:2002 BS EN 12390-1:2000 BS EN 12390-2:2000	Laboratory
	Density	BS EN 12390-7:2000	Laboratory



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SOILS for civil engineering purposes	Obtaining disturbed samples from excavating equipment	BS 5930:1999	Site
	Sampling from hand auger boreholes using thin-walled samplers	BS 5930:1999	Site
	Sampling from boreholes using mechanical sampling	BS 5930:1999	Site
	Soils description/classification	BS 5930:1999 Section 8, Clauses 41, 42 & 42	Laboratory Site Mobile Laboratories
	Moisture content - oven drying method	BS 1377-2:1990	Laboratory Mobile Laboratories
	Liquid limit - cone penetrometer	BS 1377-2:1990	Laboratory Mobile Laboratories
	Liquid limit - cone penetrometer - one point	BS 1377-2:1990	Laboratory Mobile Laboratories
	Plastic limit	BS 1377-2:1990	Laboratory Mobile Laboratories
	Plasticity index and liquidity index	BS 1377-2:1990	Laboratory Mobile Laboratories
	Particle size distribution - wet sieving	BS 1377-2:1990	Laboratory Mobile Laboratories
	Particle size distribution - dry sieving	BS 1377-2:1990	Laboratory Mobile Laboratories
	Uniformity coefficient	BS 6100:Subsection 2.2.1:1992	Laboratory Mobile Laboratories
	In-situ bulk density - nuclear method - compliance tests	BS 1377-9:1990	Site



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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)	In-situ moisture density - nuclear method - comparative tests  In-situ DCP Index using the dual mass cone pentrometer	BS 1377-9:1990  Documented In-house Method using Dynamic Cone Penetrometer – model A2465 operating instructions	Site  Site
END			