


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>	Testconsult Limited Issue No:017 Issue date: 09 March 2009	
	Ruby House 40A Hardwick Grange Warrington WA1 6RF	Contact: Mr H T Williams Tel: +44 (0)1925-286880 Fax: +44 (0)1925 286881 E-Mail: jo@testconsult.co.uk Website: www.testconsult.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 Ruby House 40A Hardwick Grange Warrington WA1 6RF Local contact Mr H T Williams Tel: +44 (0)1925-286880 Fax: +44 (0)1925 286881 E-Mail: jo@testconsult.co.uk	Aggregates: Mechanical Tests; Physical Tests Bituminous Mixtures: Physical Tests Concrete: Chemical Tests; Mechanical Tests; Physical Tests Soils: Mechanical Tests; Physical Tests	A
Address Unit 3 Harold Close The Pinnacles Harlow Essex CM19 5TH Local contact Mr M Collyer Tel: +44 (0)1279 729029 Fax: +44 (0)1279 416879 E-Mail: mark@testconsult.co.uk	Aggregates: Mechanical Tests; Physical Tests Bituminous Mixtures: Physical Tests Concrete: Chemical Tests; Mechanical Tests; Physical Tests Soils: Mechanical Tests; Physical Tests	B

Site activities performed away from the locations listed above:

Location details	Activity	Location code
Address Ruby House 40A Hardwick Grange Warrington WA1 6RF Local contact Mr H T Williams Tel: +44 (0)1925-286880 Fax: +44 (0)1925 286881 E-Mail: jo@testconsult.co.uk	Bituminous Road Surfacing: Physical Tests Concrete: Chemical Tests; Non-Destructive Tests Concrete Structures: Non-Destructive Tests Piled Foundations: Non-Destructive Tests Soils: Mechanical Tests; Physical Tests	C



0955

Accredited to
ISO/IEC 17025:2005

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

Testconsult Limited

Issue No: 017 Issue date: 09 March 2009

Testing performed by the Organisation at the locations specified

Address Unit 3 Harold Close The Pinnacles Harlow Essex CM19 5TH	Local contact Mr M Collyer Tel: +44 (0)1279 729029 Fax: +44 (0)1279 416879 E-Mail: mark@testconsult.co.uk	Soils: Mechanical Tests; Physical Tests	D
--	--	---	---



0955
Accredited to
ISO/IEC 17025:2005

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

Testconsult Limited
Issue No: 017 Issue date: 09 March 2009

Testing performed by the Organisation at the locations specified

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 10mm and greater (loads from 50 to 2000kN)	BS 812:Part 110:1990	A, B
	Ten per cent fines value - dry - particle size 10mm and greater (loads from 50 to 2000kN)	BS 812:Part 111:1990	A, B
	Ten per cent fines value - soaked - particle size 10mm and greater (loads from 50 to 2000kN)	BS 812:Part 111:1990	A, B
	Particle size distribution - washing and sieving	BS 812:Part 103 Section 103.1:1985	A, B
	Particle size distribution - dry sieving	BS 812:Part 103 Section 103.1:1985	A, B
	Particle size distribution - sieving method	BS EN 933-1:1997	A, B
	Flakiness index	BS EN 933-3:1997	B
	Flakiness index	BS 812:Part 105 Section 105.1:1989	A, B
	Moisture content - oven drying method	BS 812:Part 109:1990	A, B
	Uniformity coefficient (221 2217)	BS 6100:Subsection 2.2.1:1992	A, B
	Resistance to fragmentation by the Los Angeles test method	BS EN 1097-2:1998	A
	Resistance to fragmentation by the Los Angeles test method	BS EN 1097-2:1998 modified in accordance with BS EN 13450:2002 Annex C	A
BITUMINOUS MIXTURES for roads and other paved areas	Binder content and grading of mineral aggregate - extraction bottle method: binder determination by difference	BS 598:Part 102:1996	A



0955
Accredited to
ISO/IEC 17025:2005

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

Testconsult Limited
Issue No: 017 Issue date: 09 March 2009

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
BITUMINOUS MIXTURES for roads and other paved areas (cont'd)	Binder content and grading of mineral aggregate - extraction bottle method: binder determination by difference	BS 598:Part 102:2003	A
	Percentage refusal density (PRD)	BS 598:Part 104:2005	A
	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
	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
	Laboratory compaction of bituminous mixtures by vibratory compaction	BS EN 12697-32:2003	A
	Maximum density - volumetric procedure	BS EN 12697-5:2002	A
	Air voids	Specification for Highway Works, November 2004, Clause 929	A
BITUMINOUS ROAD SURFACING	In-situ density - nuclear method	Documented In-House Method WI No. 37, 08/06/2006	C
CONCRETE - fresh	Making cubic specimens for strength tests	BS EN 12390-2:2000	C, D
	Sampling fresh concrete on site - composite sample	BS EN 12350-1:2000	C, D



0955
Accredited to
ISO/IEC 17025:2005

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

Testconsult Limited
Issue No: 017 Issue date: 09 March 2009

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
CONCRETE - fresh (cont)	Sampling fresh concrete on site - spot sample	BS EN 12350-1:2000	C, D
	Slump	BS EN 12350-2:2000	D
	Slump	BS 1881-102:1983	D
	Making test cubes	BS 1881-108:1983	D
CONCRETE - hardened	Compressive strength of cubes - including curing (loads from 50 to 2000kN)	BS 1881:Part 116:1983 BS 1881:Part 111:1983	A, B
	Density	BS 1881:Part 114:1983	A, B
	Compressive strength of cores (loads from 50 to 2000kN)	BS 1881:Part 120:1983	A, B
	Depth of carbonation	BS 1881:Part 201:1986	A, B
	Chloride content by potentiometric titration method	BS 1881:Part 124:1988	A
	Compressive strength of cubes - including curing (loads from 50 to 2000kN)	BS EN 12390-3:2002 BS EN 12390-2:2000	A, B
	Density	BS EN 12390-7:2000	A, B
	Cored specimens - sampling	BS EN 12504-1:2000	C
	Cored specimens - examining and testing in compression (loads from 50 to 2000kN)	BS EN 12504-1:2000	A, B
	CONCRETE - reinforced	Location of reinforcement	BS 1881:Part 204:1988
CONCRETE STRUCTURES	Integrity	Documented In-House Method WI 6 issue 2 26/6/92 - sonic logging technique (ultra-sonic propagation time up to 1000 μ sec)	C



0955
Accredited to
ISO/IEC 17025:2005

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

Testconsult Limited
Issue No: 017 Issue date: 09 March 2009

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
PILED FOUNDATIONS	Pile integrity	Documented In-House Method WI 6 issue 2 26/6/92 – transient dynamic response technique (frequency response <= 5000 Hz mobility response <= 100,000 etc. <= 100,000 e ⁻⁹ m/sec/N)	C
SOILS for civil engineering purposes	Moisture content - oven drying method	BS 1377:Part 2:1990	A, B
	Saturation moisture content of chalk	BS 1377-2:1990	B
	Liquid limit - cone penetrometer - one point	BS 1377:Part 2:1990	A, B
	Plastic limit	BS 1377:Part 2:1990	A, B
	Plasticity index and liquidity index	BS 1377:Part 2:1990	A, B
	Particle size distribution - wet sieving	BS 1377:Part 2:1990	A, B
	Particle size distribution - dry sieving	BS 1377:Part 2:1990	A, B
	Density – immersion in water	BS 1377 Part 2:1990	B
	Dry density/moisture content relationship (2.5 kg rammer)	BS 1377:Part 4:1990	A, B
	Dry density/moisture content relationship (4.5 kg rammer)	BS 1377:Part 4:1990	A, B
	Dry density/moisture content relationship (vibrating hammer)	BS 1377:Part 4:1990	A, B
	MCV - natural moisture content	BS 1377:Part 4:1990	A, B
	MCV/moisture content relationship	BS 1377-4:1990	B
	California Bearing Ratio (CBR) (loads from 0.3 to 28 kN)	BS 1377:Part 4:1990	A, B
Chalk crushing value	BS 1377 Part 4:1990	B	



0955
Accredited to
ISO/IEC 17025:2005

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

Testconsult Limited
Issue No: 017 Issue date: 09 March 2009

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
SOILS for civil engineering purposes (cont)	Undrained shear strength - triaxial compression without measurement of pore pressure (loads from 0.3 to 28kN)	BS 1377:Part 7:1990	A, B
	Undrained shear strength - triaxial compression with multistage loading and without measurement of pore pressure (loads from 0.3 to 28kN)	BS 1377:Part 7:1990	A, B
	In-situ density - sand replacement method (small pouring cylinder)	BS 1377:Part 9:1990	C, D
	In-situ density - sand replacement method (large pouring cylinder)	BS 1377:Part 9:1990	C, D
	In-situ-density - core cutter method	BS 1377:Part 9:1990	C, D
	In-situ density - nuclear method - compliance tests - comparative tests	BS 1377:Part 9:1990	C, D
	Vertical deformation and strength characteristics of soil by the plate loading test (loads from 10 to 150kN)	BS 1377:Part 9:1990	C, D
	In-situ California Bearing Ratio (CBR) (loads from 0.3 to 28kN)	BS 1377:Part 9:1990	C, D
END			