

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 Accredited to ISO/IEC 17025:2005	Cornwall Council	
	Issue No: 031	Issue date: 28 November 2011
	Engineering Services Laboratory Radnor Road Scorrier Redruth Cornwall TR16 5EH	Contact: Mr R Hocking Tel: +44 (0)1872-327381 Fax: +44 (0)1209-821539 E-Mail: rhocking@cornwall.gov.uk Website: www.cornwall.gov.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 Engineering Services Laboratory Radnor Road Scorrier Redruth Cornwall TR16 5EH	Local contact Mr R Hocking	Asbestos identification and fibre counting; testing of aggregates, bituminous mixtures, concrete and soils for civil engineering purposes.	A

Site activities performed away from the locations listed above:

Location details		Activity	Location code
Premises including domestic, commercial and industrial		Sampling and testing of asbestos fibres in air and bulk materials including four-stage clearance.	B
All site locations suitable for the activities listed.		Sampling and testing of aggregates, bituminous mixtures, hardened concrete, paved surfaces and soils for civil engineering purposes.	C



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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
ASBESTOS FIBRES IN AIR	Fibre Counting	Health and Safety Executive Asbestos: The analysts' guide for sampling, analysis and clearance procedures (HSG 248) HSG 248: February 2005 and Documented In-House Method A5. Membrane Filter Method using Phase Contrast Microscopy (PCM)	A&B
	Sampling of air for fibre counting	HSG 248: February 2005 and Documented In-house Method A4	B
	4 Stage Clearance Process	HSG 248: February 2005 and Documented In-house Method A6	B
ASBESTOS IN BULK MATERIALS Including materials and products suspected of containing asbestos	Identification of: Amosite Chrysotile Crocidolite Fibrous actinolite Fibrous anthophyllite Fibrous tremolite	HSG 248: February 2005 by Documented In-house Method A3 using stereo microscopy, polarised light microscopy and dispersion staining	A
	Sampling of bulk materials for asbestos identification	HSG 248: February 2005 by Documented In-house Method A2	B
AGGREGATES	Aggregate crushing value - particle size 10mm and greater	BS 812:Part 110:1990	A
	Ten per cent fines value - dry - particle size 10mm and greater	BS 812:Part 111:1990	A
	Ten per cent fines value - soaked - particle size 10mm and greater	BS 812:Part 111:1990	A
	Particle size distribution – sieving method	BS EN 933-1:1997	A
	Flakiness index	BS EN 933-3:1997	A



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AGGREGATES (Cont'd)	Uniformity coefficient	BS EN ISO 14688-2:2004	A
	Sampling coarse, fine and all-in aggregates - from heaps	BS EN 932-1:1997	C
	Sample reduction using a riffle box	BS EN 932-2:1999	A, C
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
	Core logging	Documented In-house Method M3C Proc 2 based on BS EN 12697-36:2003 and NRSW Act 1991:2 nd Edition	A
	Thickness of a bituminous pavement	BS EN 12697-36:2003	A
	Temperature of bituminous mixtures in the hopper of a paver	BS 598:Part 109:1990	C
	Measurements of temperature - in a lorry - of laid materials - in a heap	BS EN 12697-13:2000	C
	Sampling from the material around the augers of the paver	BS EN 12697-27:2001	C
	Sampling of workable material in heaps	BS EN 12697-27:2001	C
PAVED SURFACES	Sampling from a lorry	BS EN 12697-27:2001	C
	Slip/skid resistance of a surface The pendulum test	BS EN 13036-4:2003	C
	Drilling road and concrete structures cores	Documented In-house Method – Technical procedure 9	C



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ROAD PAVEMENT SURFACES	Macrotexture depth using a volumetric patch technique	BS EN 13036-1:2002	C
CONCRETE - hardened	Compressive strength of cubes - including curing	BS 1881:Part 116:1983 BS 1881:Part 111:1983	A
	Compressive strength of cores	BS 1881:Part 120:1983	A
	Density	BS 1881:Part 114:1983	A
	Drilling road and concrete structures cores	BS EN 12504-1:2000 Documented In-house Method – Technical Procedure 9	C
SOILS for civil engineering purposes	Moisture content - oven drying method	BS 1377:Part 2:1990	A
	Particle size distribution - wet sieving	BS 1377:Part 2:1990	A
	Particle size distribution - dry sieving	BS 1377:Part 2:1990	A
	Uniformity coefficient	BS EN ISO 14688-2:2004	A
	Clegg Impact Values	Documented In-House Method - Technical Procedure 8	C
	Soakaway Infiltration Test	Documented In-House Method – Technical Procedure 10 based on BRE Digest 365 :Soakaway Design : 2007	C
	END		