


# 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>Enverity Ltd</b>	
	Issue No: 025	Issue date: 06 December 2011
	<b>Newark Road</b> <b>Peterborough</b> <b>PE1 5UA</b>	<b>Contact: Mr Brian Wells</b> <b>Tel: +44 (0)1733 555525 (07793 258873)</b> <b>Fax: +44 (0)1733 315280</b> <b>E-Mail: newark@enverity.co.uk</b> <b>Website: www.enverity.co.uk</b>
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
<b>Address</b> Quarry Farm View Bowbridge Lane Newark Notts NG24 3BZ	<b>Local contact</b> Ms C Reynolds  Tel: +44 (0)1636 705100	Testing: Aggregates - physical & mechanical tests Bituminous mixtures - physical tests Concrete - manufacture of test specimens, physical & mechanical tests Soils - physical tests	Newark
<b>Address</b> Newark Road Peterborough PE1 5UA	<b>Local contact</b> Mr M Hartnup  Tel: +44 (0)1733 555525	Testing: Aggregates - physical tests Soils - mechanical & physical tests	Peterborough

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

Location details		Activity	Location code
All locations suitable for the activities listed	<b>Local contact</b> Mr T Stafford - Newark Mr T Stafford - Peterborough	Sampling: Aggregates, Concrete Testing: Concrete - manufacture of test specimens, physical tests Road Pavement Surfaces - physical tests Soils - mechanical & physical tests	Site-N (Newark) Site-P (Peterborough)



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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 aggregates - from stockpiles	BS EN 932-1:1997, clause 8.8	Site-N
	Particle size distribution - washing and sieving	BS 812-103 Section 103.1: 1985	Newark
	Particle size distribution - dry sieving	BS 812-103 Section 103.1: 1985	Newark
	Moisture content - oven drying method	BS 812-109:1990	Newark
	Aggregate crushing value - particle size 10mm and greater (loads from 50 to 2000kN)	BS 812-110:1990	Newark
	Ten per cent fines value - dry - particle size 10mm and greater (loads from 50 to 2000kN)	BS 812-111:1990	Newark
	Ten per cent fines value - soaked - particle size 10mm and greater (loads from 50 to 2000kN)	BS 812-111:1990	Newark
	Particle size distribution - sieving method	BS EN 933-1:1997	Newark Peterborough
	Resistance to fragmentation by the Los Angeles Method	BS EN 1097-2:2010	Newark
BITUMINOUS MIXTURES for roads and other paved areas	Binder content and grading of mineral aggregate - binder directly determined, filler by difference	BS 598-102:2003	Newark
	Density of cores	BS 598-104:2005	Newark
	Percentage refusal density (PRD)	BS 598-104:2005	Newark



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BITUMINOUS MIXTURES for roads and other paved areas (cont'd)	Soluble binder content by recovery, using bottle rotation machine, bucket centrifuge type 1 and volume calculation	BS EN 12697-1:2000	Newark
	Particle size distribution	BS EN 12697-2:2002	Newark
	Bulk density - dry - sealed specimen	BS EN 12697-6:2003	Newark
	Determination of void characteristics	BS EN 12697-8:2003	Newark
	Percentage refusal density (PRD)	BS EN 12697-32:2003 BS EN 12697-6:2003 BS EN 12697-9:2002	Newark
CONCRETE - fresh	Sampling fresh concrete on site - spot sample	BS EN 12350-1:2009	Site-N
	Sampling fresh concrete on site - composite sample	BS EN 12350-1:2009	Site-N
	Slump	BS EN 12350-2:2009	Site-N
	Making test cubes	BS EN 12390-2:2009	Newark Site-N
CONCRETE - hardened	Density	BS 1881-114:1983	Newark
	Compressive strength of cubes - including curing (loads from 10 to 2000kN)	BS 1881-116:1983 BS 1881-111:1983	Newark
	Density	BS EN 12390-7:2009	Newark
	Compressive strength of cubes - including curing (loads from 10 to 2000kN)	BS EN 12390-3:2009 BS EN 12390-1:2000 BS EN 12390-2:2009	Newark
ROAD PAVEMENT SURFACES	Texture depth - by the sand patch method	BS 598-105:1990	Site-N
	Surface macrotexture depth using a volumetric patch technique	BS EN 13036-1:2001	Site-N



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ROAD PAVEMENT SURFACES (cont'd)	Surface regularity using rolling straight edge	TRRL Supplementary Report 290:1977	Site-N
	Surface regularity using rolling straight edge	Specification for Highway Works, HMSO Nov 2004 C1 702	Site-N
SOILS	Moisture content - oven drying method	BS 1377-2:1990	Newark Peterborough
	Liquid limit - cone penetrometer	BS 1377-2:1990	Newark Peterborough
	Plastic limit	BS 1377-2:1990	Newark Peterborough
	Plasticity index	BS 1377-2:1990	Newark Peterborough
	Particle density - gas jar	BS 1377-2:1990	Newark
	Particle size distribution - wet sieving	BS 1377-2:1990	Newark Peterborough
	Particle size distribution - dry sieving	BS 1377-2:1990	Newark Peterborough
	Particle size distribution - sedimentation - hydrometer method	BS 1377-2:1990	Newark
	Dry density/moisture content relationship (2.5 kg rammer)	BS 1377-4:1990	Newark Peterborough
	Dry density/moisture content relationship (4.5 kg rammer)	BS 1377-4:1990	Newark Peterborough
	Dry density/moisture content relationship (vibrating hammer)	BS 1377-4:1990	Newark Peterborough
Moisture condition value (MCV) - natural moisture content - MCV/moisture content relationship	BS 1377-4:1990	Peterborough	



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SOILS (cont'd)	Moisture condition value (MCV) - natural moisture content	BS 1377-4:1990	Site-N Site-P
	California Bearing Ratio (CBR) (loads from 0.20 to 50kN)	BS 1377-4:1990	Peterborough
	Permeability in a triaxial cell	BS 1377-6:1990	Peterborough
	Undrained shear strength - triaxial compression without measurement of pore pressure (loads from 0.2 to 30kN)	BS 1377:Part 7:1990	Peterborough
	Undrained shear strength - triaxial compression with multistage loading and without measurement of pore pressure (loads from 0.2 to 30kN)	BS 1377:Part 7:1990	Peterborough
	Determination of the permeability of clayey soils in a triaxial cell using the accelerated permeability test	Environment Agency R & D Technical Report P1-398/TR/2: January 2003	Peterborough
	Core cutter density	BS 1377-9:1990	Site-N Site-P
	In-situ density - sand replacement method (large pouring cylinder)	BS 1377-9:1990	Site-N Site-P
	In-situ bulk density - nuclear method - comparative tests	BS 1377-9:1990	Site-N Site-P
	In-situ bulk density - nuclear method - absolute tests	BS 1377-9:1990	Site-N Site-P
	In-situ bulk density - nuclear method - compliance tests	BS 1377-9:1990	Site-N Site-P
In-situ moisture density - nuclear method - comparative tests	BS 1377-9:1990	Site-N Site-P	



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SOILS (cont'd)	In-situ moisture density - nuclear method - absolute tests	BS 1377-9:1990	Site-N Site-P
	In-situ moisture density - nuclear method - compliance tests	BS 1377-9:1990	Site-N Site-P
	In-situ California Bearing Ratio (CBR) (loads from 0.20 to 50kN)	BS 1377:Part 9:1990	Site-P
END			