


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 <b>0744</b> Accredited to <b>ISO/IEC 17025:2017</b>	<b>Northumberland County Council</b>	
	Issue No: 031    Issue date: 08 March 2024	
	Highways Department Laboratory Bassington Drive Cramlington Northumberland NE23 8AJ	Contact: Mr M Newton Tel: +44 (0)1670-737575 Fax: +44 (0)1670-732044 E-Mail: martin.newton@northumberland.gov.uk Website: www.northumberland.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
<b>Address</b> Highways Department Laboratory Bassington Drive Cramlington Northumberland NE23 8AJ	<b>Local contact</b> Mr M Newton	Laboratory testing  Laboratory

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

Location details	Activity	Location code
<b>Address:</b> All locations suitable for the activities listed	<b>Contact:</b> Mr M Newton	Site sampling and testing  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	Methods for sampling - from stockpiles	BS EN 932-1:1997	Site
	Sample reduction	BS EN 932-2:1999	Site/Lab
	Water content -drying in ventilated oven	BS EN 1097-5:2008	Laboratory
	Particle size distribution - sieving method	BS EN 933-1:2012	Laboratory
	Particle shape - flakiness index	BS EN 933-3:2012	Laboratory
BITUMINOUS MIXTURES for roads and other paved areas	Sampling - Sampling from the material around the augers of the paver - in laid and compacted material by coring method	BS EN 12697-27:2017	Site
	Sampling coated chippings from stockpiles	BS EN 12697-27:2017	Site
	Preparation of samples for the determination of binder content, water content and grading	BS EN 12697-28:2020	Site/Lab
	Soluble binder content by recovery using bottle rolling machine, bucket centrifuge type 1 and volume calculation	BS EN 12697-1:2020	Laboratory
	Soluble binder content by difference using bottle rolling machine and pressure filter	BS EN 12697-1:2020	Laboratory
	Particle size distribution	BS EN 12697-2:2015+A1:2019	Laboratory



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CONCRETE – fresh	Sampling fresh concrete - spot - composite	BS EN 12350-1:2019	Site
	Making cubic specimens for strength tests	BS EN 12390-2:2019	Laboratory
	Slump	BS EN 12350-2:2019	Site
CONCRETE – hardened	Shape, dimensions	BS EN 12390-1:2021	Laboratory
	Curing	BS EN 12390-2:2019	Laboratory
	Compressive strength of cubes	BS EN 12390-3:2019	Laboratory
	Density	BS EN 12390-7:2019	Laboratory
ROAD PAVEMENT SURFACES	Surface regularity using a rolling straight-edge	TRRL Supplementary Report 290:1977	Site
	Pavement surface macrotexture depth using a volumetric patch technique	BS EN 13036-1:2010	Site
	Core logging	Design Manual for Roads and Bridges CS 229 Revision 0 March 2020	Laboratory
SOILS for civil engineering purposes	Obtaining disturbed samples from excavating equipment	BS 5930:2015	Site
	Liquid limit – cone penetrometer -Definitive Method	BS 1377-2:1990	Laboratory
	Liquid limit – cone penetrometer – one point	BS 1377-2:1990	Laboratory
	Plastic limit	BS 1377-2:1990	Laboratory
	Particle size distribution - wet sieving	BS 1377-2:1990	Laboratory



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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)	Particle size distribution - dry sieving	BS 1377-2:1990	Laboratory
	Particle size distribution - sedimentation – hydrometer method	BS 1377-2:1990	Laboratory
	Dry density/moisture content relationship (2.5 kg rammer)	BS 1377-4:1990	Laboratory
	Dry density/moisture content relationship (4.5 kg rammer)	BS 1377-4:1990	Laboratory
	California Bearing Ratio (CBR)	BS 1377-4:1990	Laboratory
	Undrained shear strength – triaxial compression without measurement of pore pressure	BS 1377-7:1990	Laboratory
	Undrained shear strength – triaxial compression with multistage loading and without measurement of pore pressure	BS 1377-7:1990	Laboratory
	Compressive strength – undrained triaxial compression without the measurement of pore water pressure	BS 1377-7:1990	Laboratory
	Vertical deformation and strength characteristics by the incremental plate loading test	BS 1377-9:1990	Site
	Calculation of nominal CBR value using the plate bearing test	Design Manual for Roads and Bridges, Interim Advice Note 73/06, Rev 1: 2009	Site/Lab
	Particle size distribution - wet sieving	BS 1377-2:2022	Laboratory
	Particle size distribution - dry sieving	BS 1377-2:2022	Laboratory
Particle size distribution - sedimentation – hydrometer method	BS 1377-2:2022	Laboratory	



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SOILS for civil engineering purposes (cont'd)	Dry density/moisture content relationship (2.5 kg rammer)	BS 1377-2:2022	Laboratory
	Dry density/moisture content relationship (4.5 kg rammer)	BS 1377-2:2022	Laboratory
	California Bearing Ratio (CBR)	BS 1377-2:2022	Laboratory
	Undrained shear strength – triaxial compression without measurement of pore pressure	BS 1377-2:2022	Laboratory
	Undrained shear strength – triaxial compression with multistage loading and without measurement of pore pressure	BS 1377-2:2022	Laboratory
	Compressive strength – undrained triaxial compression without the measurement of pore water pressure	BS 1377-2:2022	Laboratory
	Water content	BS EN ISO 17892-1:2014	Laboratory
	Bulk density - linear measurement method	BS EN ISO 17892-2:2014	Laboratory
	Particle size distribution - wet sieving	BS EN ISO 17892-4:2016	Laboratory
	Particle size distribution - dry sieving	BS EN ISO 17892-4:2016	Laboratory
	Liquid limit – cone penetrometer -Definitive Method	BS EN ISO 17892-12:2018	Laboratory
	Liquid limit – cone penetrometer – one point	BS EN ISO 17892-12:2018	Laboratory
	Plastic limit	BS EN ISO 17892-12:2018	Laboratory
<b>END</b>			