


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS TESTING 4727</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p>Xtratec Ltd</p> <p>Issue No: 016 Issue date: 13 October 2023</p>	
	<p>Unit 4 Rose Lane Industrial Estate Lenham Heath Maidstone Kent ME17 2JN</p>	<p>Contact: Mr Mark Beer Tel: +44 (0)1622 851176 E-Mail: mark@xtratec.co.uk</p>
<p>Testing performed by the Organisation at the locations specified below</p>		

Locations covered by the organisation and their relevant activities

Laboratory location:

Location details	Activity	Location code
<p>Address Xtratec Laboratory Unit 4 Rose Lane Industrial Estate Lenham Heath Kent ME17 2JN</p> <p>Local contact Mark Beer</p>	<p>Aggregates Bituminous Mixtures Concrete Soils</p>	A
<p>Site Laboratory Martello Lakes Development Nikolls Quarry A259 Dymchurch Road West Hythe Kent CT21 4ND</p> <p>Local contact Mark Beer</p>	<p>Aggregate Soils</p>	C
<p>Site Laboratory Eastern Quarry Watling Street Ebbsfleet Valley Dartford Kent DA2 8AH</p> <p>Local contact Mark Beer</p>	<p>Soils</p>	D

Site activities performed away from the location listed above:

Location details	Activity	Location code
<p>All locations suitable for the activities listed</p>	<p>Aggregates BITUMINOUS MIXTURES for roads and other paved areas Concrete Paved Surfaces Soils</p>	B



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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	Particle size distribution - sieving method	BS EN 933-1:2012	A, C
	Uniformity coefficient	SHW Series 600, Table 6/1	A, C
	Methods of reducing laboratory samples - using a riffle box - reduction by quartering	BS EN 932-2:1997	A, C
	Methods of reducing laboratory samples - to a test portion of a specified mass within a small tolerance	BS EN 932-2:1997	A
	Classification test for the constituents of coarse recycled aggregate	BS EN 933-11:2009	A
	Resistance to fragmentation by the Los Angeles test method	BS EN 1097-2:2020	A
	Water content - drying in a ventilated oven	BS EN 1097-5:2008	A, C
	Sampling - from stockpiles	BS EN 932-1:1997	B
	Sampling from the working face of aggregate	DIHM 2.2	B
BITUMINOUS MIXTURES for roads and other paved areas	Sampling - of finished material (core cutter method)	BS EN 12697-27:2017	B
CONCRETE - fresh	Sampling - composite sample - spot sample	BS EN 12350-1:2019	B
	Slump	BS EN 12350-2:2019	B
	Making test cubes and curing	BS EN 12390-2:2019	A & B



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CONCRETE – fresh (cont'd)	Making of test Prisms and Curing	BSEN 12390-2:2019	A & B
	Degree of Compactability	BS EN 12350-4:2019	B
	Flow table	BS EN 12350-5:2019	B
	Air content - pressure method	BS EN 12350-7:2019	B
	Slump flow test	BS EN 12350-8:2019	B
	Determination of Compacting Factor	BS 1881-103:1993 Annex A	B
CONCRETE - hardened	Compressive strength of cubes including curing and dimensions	BSEN 12390-3:2019 BSEN 12390-2:2019 BSEN 12390-1:2021	A
	Flexural strengths of prisms Including curing	BS EN 12390-5:2019 BS EN 12390-2:2019 BS EN 12390-1:2021	A
	Density	BS EN 12390-7:2019 incorporating corrigendum November 2020	A
	Cored specimens – Taking	BS EN 12504-1:2019	B
	Cored specimens – Examining and testing in compression	BS EN 12504-1:2019	A
PAVED SURFACES	Determination of pavement thickness by measurement of cored samples	BS EN 12697-36:2022DIHM 3.2	A
ROAD PAVEMENT SURFACES	Texture depth - by the sand-patch method	BS 598-105:2000	B
	Surface macrotexture depth using a volumetric patch technique	BS EN 13036-1:2010	B



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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	Moisture content - oven drying method	BS 1377-2:1990	A, C, D
	Liquid limit - cone penetrometer - one point	BS 1377-2:1990	A, C, D
	Liquid limit - cone penetrometer - definitive method	BS 1377-2:1990	C, D
	Plastic limit	BS 1377-2:1990	A, C, D
	Plasticity index and liquidity index	BS 1377-2:1990	A
	Plasticity index	BS 1377-2:1990	C, D
	Particle size distribution - wet sieving	BS 1377-2:1990	A, C, D
	Uniformity coefficient	SHW Series 600, Table 6/1	A, D
	Saturation moisture content (SMC) of chalk	BS 1377-2:1990	C, D
	Saturation water content of chalk	BS 1377-2:2022	C, D
	Particle density – gas jar method	BS 1377-2:1990 BS 1377-2:2022	C
	Dry density/moisture content relationship (2.5 kg rammer)	BS 1377-4:1990	A, C, D
	Dry density/water content relationship (2.5 kg rammer)	BS 1377-2:2022	A, C, D
	Dry density/moisture content relationship (vibrating hammer)	BS 1377-4:1990	A
Dry density/water content relationship (vibrating hammer)	BS 1377-2:2022	A	
Dry density/moisture content relationship (4.5 kg rammer)	BS 1377-4:1990	A	



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SOILS for civil engineering purposes (cont'd)	Dry density/water content relationship (4.5 kg rammer)	BS 1377-2:2022	A
	MCV - natural moisture content	BS 1377-4:1990	A
	Moisture Condition Value (MCV)	BS 1377-2:2022	A
	Determination of the undrained shear strength in triaxial compression without measurement of pore pressure	BS 1377-7:1990	C
	In-situ density - sand replacement method (large pouring cylinder)	BS 1377-9:1990	B
	In-situ density - core cutter method	BS 1377-9:1990	B
	Determination of the vertical deformation and strength characteristics of soil by the plate loading test	BS 1377-9:1990	B
	Calculation of equivalent CBR value using the plate bearing test	Design Manual for Roads and Bridges: Volume 7: pavement Design and maintenance - Foundation IAN 73/06 DRAFT HD25	B
	Sampling from cut face and laid material	DIHM 4.3	B
In-situ density - Dielectric method	ASTM D7830/D7830M-14	B	



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GEOTECHNICAL INVESTIGATION and TESTING - Laboratory testing of soil	Water content	BS EN ISO 17892-1:2014 + A1:2022	A, C, D
	Bulk density – Immersion in fluid method	BS EN ISO 17892-2:2014 clause 5.2	C, D
	Particle size distribution - sieving method	BS EN ISO 17892-4:2016	A
	Unconsolidated undrained triaxial test	BS EN ISO 17892-8:2018	C
	Liquid limit by fall cone method; one-point test	BS EN ISO 17892-12:2018 +A1:2022	A
	Plastic limit	BS EN ISO 17892-12:2018 +A1:2022	A
	Plasticity index	BS EN ISO 17892-12:2018 +A1:2022	A
END			