Schedule of Accreditation

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United Kingdom Accreditation Service

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

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Accredited to ISO/IEC 17025:2017

Celtest Company Ltd

Issue No: 064 **Issue date:** 31 March 2025

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Testing performed by the Organisation at the locations specified below

Celtest Company Ltd is accredited for a scope that enables it to establish new temporary site laboratories to conduct the construction materials testing and sampling activities that are indicated in the table below with the location code X. These site laboratories are set up in accordance with the Documented In-House Procedure SOP 7.1.2.

Locations covered by the Organisation and their relevant activities

Laboratory locations:

Location details		Activity	Location code
Address Trefelin Llandegai Bangor Gwynedd LL57 4LH	**Local contacts** Mr Ian Evans / Mr Jason Chinery	Laboratory testing	A
Address Cyttir Lane Bangor Gwynedd LL57 4DA	**Local contacts** Mr Ian Evans / Mr Jason Chinery	Laboratory testing	C

Site activities performed away from the locations listed above:

Location details		Activity	Location code
All locations suitable for the activities listed	**Local contacts** Mr Ian Evans / Mr Jason Chinery	Site sampling and testing	B

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 10 mm and greater	BS 812-110:1990	A
	Aggregate crushing value - particle size smaller than 10 mm	BS 812-110:1990	A
	Ten per cent fines value - dry - particle size 10 mm and greater	BS 812-111:1990	A
	Ten per cent fines value - soaked - particle size 10 mm and greater	BS 812-111:1990	A
	Ten per cent fines value - dry - particle size smaller than 10 mm	BS 812-111:1990	A
	Ten per cent fines value - soaked - particle size smaller than 10 mm	BS 812-111:1990	A
	Aggregate impact value - dry	BS 812-112:1990	A
	Aggregate impact value - soaked	BS 812-112:1990	A
	Acid-soluble material content	BS 812-119:1985	A
	Frost-heave	BS 812-124:2009	A
	Carbon dioxide content (reference method)	BS EN 196-2:2013	A
	Carbon dioxide content (alternative method)	BS EN 196-2:2013	A
	Sampling stockpiles of fine aggregates by hand	BS EN 932-1:1997	B
	Sampling stockpiles of coarse aggregates by hand	BS EN 932-1:1997	B

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
AGGREGATES (cont'd)	Sample reduction using a riffle box	BS EN 932-2:1999	A, C
	Sample reduction by quartering	BS EN 932-2:1999	A, C
	Sample reduction to a test portion of a specified mass within a small tolerance	BS EN 932-2:1999	A, C
	Sample reduction with crushing to reduce the particle size	BS EN 932-2:1999	A
	Particle size distribution - sieving method	BS EN 933-1:2012	A, X, C
	Flakiness index	BS EN 933-3:2012	A, X, C
	Shape index	BS EN 933-4:2008	A
	Percentage of crushed particles in coarse and all-in natural aggregates	BS EN 933-5:2022	A
	Shell content	BS EN 933-7:1998	A
	Assessment of fines - sand equivalent test	BS EN 933-8:2012 + A1:2015	A
	Assessment of fines - methylene blue test	BS EN 933-9:2022	A
	Assessment of fines - grading of fillers (air-jet sieving)	BS EN 933-10:2009	A
	Classification test for the constituents of coarse recycled aggregate	BS EN 933-11:2009	A
	Resistance to wear (micro-Deval)	BS EN 1097-1:2023	A
	Resistance to wear (micro-Deval) of railway ballast	BS EN 1097-1:2023, Annex A	A
	Micro-Deval coefficient in the dry condition	BS EN 1097-1:2023, Annex B	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
AGGREGATES (cont'd)	Alternative narrow range classification for the micro-Deval test	BS EN 1097-1:2023, Annex C	A
	Resistance to fragmentation by the Los Angeles test method	BS EN 1097-2:2020	A
	Resistance to fragmentation of aggregates for railway ballast	BS EN 1097-2:2020 Annex A	A
	Alternative narrow range classifications for the Los Angeles test	BS EN 1097-2:2020 Annex B	A
	Loose bulk density and voids	BS EN 1097-3:1998	A
	Apparent (bulk) density of filler in kerosene	BS EN 1097-3:1998	A
	Water content	BS EN 1097-5:2008	A, X
	Particle density and water absorption - wire-basket method for aggregate particles between 31,5 mm and 63 mm	BS EN 1097-6:2022	A
	Particle density and water absorption - pyknometer method for aggregate particles between 4 mm and 31,5 mm	BS EN 1097-6:2022	A
	Particle density and water absorption - pyknometer method for aggregate particles between 0,063 mm and 4 mm	BS EN 1097-6:2022	A
	Particle density of filler - pyknometer method	BS EN 1097-7:2022	A
	Polished stone value	BS EN 1097-8:2020	A
	Aggregate abrasion value	BS EN 1097-8:2020	A
	Resistance to freezing and thawing	BS EN 1367-1:2007	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
AGGREGATES (cont'd)	Magnesium sulfate test	BS EN 1367-2:2009 - aggregate particles between 0,30 mm and 28 mm	A
	Drying shrinkage	BS EN 1367-4:2008	A
	Water-soluble chloride salts using the Volhard method (reference method)	BS EN 1744-1:2009 + A1:2012	A
	Water-soluble sulfates in natural and manufactured aggregates	BS EN 1744-1:2009 + A1:2012	A
	Total sulfur content by acid digestion (reference method)	BS EN 1744-1:2009 + A1:2012	A
	Total sulfur content by high temperature combustion (HTC)	BS EN 1744-1:2009 + A1:2012	A
	Acid soluble sulfates	BS EN 1744-1:2009 + A1:2012	A
	Acid soluble sulfides	BS EN 1744-1:2009 + A1:2012	A
	Lightweight contaminators	BS EN 1744-1:2009 + A1:2012	A
	Potential presence of humus	BS EN 1744-1:2009 + A1:2012	A
	Fulvo acid content	BS EN 1744-1:2009 + A1:2012	A
	Water solubility of aggregate, excluding filler	BS EN 1744-1:2009 + A1:2012	A
	Water solubility of filler	BS EN 1744-1:2009 + A1:2012	A
	Potential alkali reactivity of aggregates (mortar-bar method)	ASTM C1260-22	A
	Magnesium sulfate test	Defence Estates Specifications: 12 Appendix A : July 2010 13 Appendix B : August 2009 49 Appendix A : August 2009	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
AGGREGATES (cont'd)	Magnesium sulfate test	Defence Infrastructure Organisation Specifications: 12 Appendix A : March 2015 13 Appendix A : March 2015 49 Appendix A : March 2015	A
BITUMINOUS MATERIALS	Needle penetration - 25 ^{o}C	BS EN 1426:2015	C
	Softening point - ring and ball method	BS EN 1427:2015	C
	Bitumen recovery: rotary evaporator	BS EN 12697-3:2013 + A1:2018	C
BITUMINOUS MIXTURES for roads and other paved areas	Wheel-tracking rate	BS 598-110:1998	C
	Protocol for determining the design binder content of designed HRA surface course mixtures	BS 594987:2015 + A1:2017 Annex H	C
	Soluble binder content by difference, using bottle rotation machine and pressure filter	BS EN 12697-1:2020	C, X
	Soluble binder content by recovery, using bottle rotation machine, bucket centrifuge type 1 and volume calculation	BS EN 12697-1:2020	C
	Particle size distribution	BS EN 12697-2:2015 + A1:2019	C, X
	Maximum density - volumetric procedure	BS EN 12697-5:2018	C, X
	Bulk density - dry	BS EN 12697-6:2020	C, X
	Bulk density - saturated surface dry (SSD)	BS EN 12697-6:2020	C, X
	Bulk density - sealed specimen - by dimensions	BS EN 12697-6:2020	C
	Air voids content (V_a)	BS EN 12697-8:2018	C, X

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)	Percentage of the voids in the mineral aggregate filled with binder (VFB)	BS EN 12697-8:2018 Defence Estates Specification 13 : August 2009 Defence Infrastructure Organisation Specification 13 : March 2015	C, X
	Voids content in the mineral aggregate (VMA)	BS EN 12697-8:2018 Defence Estates Specification 13 : August 2009 Defence Infrastructure Organisation Specification 13 : March 2015	C
	Conventional refusal density - vibratory compaction	BS EN 12697-9:2002	C
	Percentage refusal density (PRD) - vibratory compaction	BS EN 12697-9:2002	C, X
	Affinity between aggregate and bitumen - rolling bottle method - static method	BS EN 12697-11:2020	C
	Sensitivity to water - method A	BS EN 12697-12:2018	C
	Temperature measurement by contact measuring device - in a lorry - of material after it has been laid and before or during rolling - in a heap	BS EN 12697-13:2017	B
	Temperature measurement by infrared-thermometer - measurements of temperature in a paver hopper	BS EN 12697-13:2017	B
	Particle loss of porous asphalt specimen	BS EN 12697-17:2017	C
	Binder drainage - beaker method	BS EN 12697-18:2017	C

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)	Permeability of bituminous specimen - vertical permeability - horizontal permeability	BS EN 12697-19:2020	C
	Wheel tracking using a small size device and procedure A	BS EN 12697-22:2020	C
	Wheel tracking using a small size device and procedure B in air	BS EN 12697-22:2020	C
	Indirect tensile strength	BS EN 12697-23:2017	C
	Stiffness - test applying indirect tension to cylindrical specimens (IT-CY)	BS EN 12697-26:2004 Annex C	C
	Sampling - from the material around the augers of the paver - of workable material in heaps - of laid and compacted materials by coring	BS EN 12697-27:2017	B
	Preparation of samples for determining binder content, water content and grading	BS EN 12697-28:2020	C, B
	Determination of the dimensions of a bituminous sample	BS EN 12697-29:2020	C
	Specimen preparation by impact compactor with wooden pedestal	BS EN 12697-30:2018 Defence Estates Specification 13 : August 2009 Defence Infrastructure Organisation Specification 13 : March 2015	C, X
	Specimen preparation by vibratory compaction	BS EN 12697-32:2019	C, X
	Specimen prepared by roller compactor	BS EN 12697-33:2019	C

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)	Marshall test	BS EN 12697-34:2020 Defence Estates Specification 13 : August 2009 Defence Infrastructure Organisation Specification 13 : March 2015	C, X
	Laboratory mixing	BS EN 12697-35:2016	C
	Thickness of a bituminous pavement - destructive method	BS EN 12697-36:2022	C, X
	Hot sand test for the adhesivity of binder on precoated chippings for HRA	BS EN 12697-37:2022	C
	In-situ drainability	BS EN 12697-40:2020	B
	Amount of coarse foreign matter in reclaimed asphalt	BS EN 12697-42:2021	C
	Surface shear strength	PD CEN/TS 12697-51:2017	C
	Asphalt mix design	Defence Estates Specifications: 12 Clauses 4, 5 & 6 : July 2010 13 Appendix A : August 2009	C
	Asphalt mix design	Defence Infrastructure Organisation Specifications: 12 Clauses 4, 5 & 8 : March 2015 13 Appendix A : March 2015	C
	Torque bond test	BBA SG3 Guideline Document Appendix A.3 : June 2013	C
BITUMINOUS ROAD SURFACING	In-situ density - nuclear method	Documented In-House Method No.: MS-G-ST-06	B
	In-situ density - dielectric method	Documented In-House Method No.: MS-G-ST-07	B

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
CEMENT	Determination of loss on ignition	BS EN 196-2:2013	A
	Gravimetric determination of sulfate	BS EN 196-2:2013	A
	Determination of residue insoluble in hydrochloric acid and sodium carbonate	BS EN 196-2:2013	A
	Determination of acid soluble sulfide	BS EN 196-2:2013	A
	Determination of chloride	BS EN 196-2:2013	A
CONCRETE - fresh	Sampling fresh concrete on site - composite sample - spot sample	BS EN 12350-1:2019	B
	Slump	BS EN 12350-2:2019	B
	Degree of compactability	BS EN 12350-4:2019	B
	Air content - water column method	BS EN 12350-7:2019	B
CONCRETE - hardened	Making cubic specimens for strength tests	BS EN 12390-2:2019	A, B
	Curing cubic specimens for strength tests	BS EN 12390-2:2019	A, B
	Chloride content	BS 1881-124:2015	A
	Depth of carbonation	BS EN 14630:2006	A, B
	Resistivity	Documented In-House Method No.: MS-G-ST-29	B
	Determination of Thermal Conductivity by Thermal Needle Probe Procedure	ASTM D5334-22A Documented In-House Method No.: TMP 033	A
	Compressive strength of cubes - including curing	BS EN 12390-3:2019 BS EN 12390-2:2019	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
CONCRETE – hardened (cont'd)	Compressive strength of cylinders - including curing	BS EN 12390-3:2019 BS EN 12390-2:2019	A
	Tensile splitting strength	BS EN 12390-6:2023	A
	Density	BS EN 12390-7:2019	A
	Depth of penetration of water under pressure	BS EN 12390-8:2019	A
	Stabilized secant modulus of elasticity	BS EN 12390-13:2021, Method B	A
	Taking cores	BS EN 12504-1:2019	B
	Cored specimens - examining	BS EN 12504-1:2019	A
	Cored specimens - testing in compression	BS EN 12504-1:2019	A
	Drilling for dust samples	BS EN 14629:2007	B
	Chloride content - potentiometric method	Documented In-House Method No.: TMP 003, based on BS 1881-124:2015	A
	Chloride content - potentiometric method	Documented In-House Method No.: TMP 036, based on BS EN 14629:2007	A
CONCRETE - reinforced	Location of reinforcement	BS 1881-204:1988	B
	Corrosion potentials of uncoated reinforcing steel in concrete	ASTM C876-22b	B
	Visual and hammer survey	Documented In-House Method No.: MS-G-ST-32	B
FILLER AGGREGATE used in bituminous mixtures	Delta ring and ball	BS EN 13179-1:2013 Documented In-House Method No.: TMP 019	C

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FLY ASH FOR CONCRETE (PFA)	Determination of loss on ignition	BS EN 450-1:2012 BS EN 196-2:2013	A
	Determination of chloride content	BS EN 450-1:2012 BS EN 196-2:2013	A
GROUND GRANULATED BLAST FURNACE SLAG	Determination of loss on ignition	BS 15167-1:2006 BS EN 196-2:2013	A
	Determination of residue insoluble in hydrochloric acid and sodium carbonate	BS 15167-1:2006 BS EN 196-2:2013	A
	Determination of chloride content	BS 15167-1:2006 BS EN 196-2:2013	A
MEDIA for BIOLOGICAL PERCOLATING FILTERS	Soundness	BS 1438:2004	A
PAVED SURFACES	Texture depth by the sand-patch method	BS 598-105:2000	B
	Irregularities on surfaces of roads, footways and other paved areas using a type 1 straightedge with fixed support feet and wedge A	BS 8420:2003	B
	Pavement surface macrotexture depth using a volumetric patch technique	BS EN 13036-1:2010	B
	Slip/skid resistance of a surface - the pendulum test	BS EN 13036-4:2011	B
	Surface regularity using a rolling straight-edge	Specification for Highway Works, February 2016 Clause 702	B
	Concrete surface regularity	Defence Estates Specification 33 Appendix B : April 2005	B
	Skid resistance value	TRRL Road Note 27/69	B

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
PAVED SURFACES (cont'd)	Irregularity measurement of pavement courses - the straightedge test	BS EN 13036-7:2003 Defence Estates Specifications: 12 Appendix B : July 2010 13 Appendix C : August 2009 40 Appendix B : August 2009 49 Appendix B : August 2009 Defence Infrastructure Organisation Specifications: 12 Appendix C : March 2015 13 Appendix D : March 2015 40 Appendix D : March 2015 49 Appendix C : March 2015	B
ROCK	Determination of Thermal Conductivity by Thermal Needle Probe Procedure	ASTM D5334-22A Documented In-House Method No.: TMP 034	A
SALT for spreading on highways for winter maintenance	Moisture content	BS 3247:2011 + A1:2016	A
	Grading by sieve analysis	BS 3247:2011 + A1:2016	A
	Matter insoluble in water	BS 3247:2011 + A1:2016	A
	Chloride content	BS 3247:2011 + A1:2016	A
	Soluble sulphate compounds	BS 3247:2011 + A1:2016	A
SLATE and STONE for discontinuous roofing and external cladding	Length and width and the deviation from the specified length and width	BS EN 12326-2:2011	A
	Amount by which the edges deviate from a straight edge	BS EN 12326-2:2011	A
	Rectangularity of slates	BS EN 12326-2:2011	A
	Thickness of individual slates	BS EN 12326-2:2011	A
	Deviation from flatness	BS EN 12326-2:2011	A
	Modulus of rupture and characteristic modulus of rupture	BS EN 12326-2:2011	A
	Water absorption	BS EN 12326-2:2011	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
SLATE and STONE for discontinuous roofing and external cladding (cont'd)	Sulfur dioxide exposure for slates with a carbonate content less than or equal to 20 % (mass percentage)	BS EN 12326-2:2011	A
	Thermal cycle	BS EN 12326-2:2011	A
SOILS for civil engineering purposes	Moisture content - oven drying method	BS 1377-2:1990	A
	Liquid limit - cone penetrometer	BS 1377-2:1990	A
	Liquid limit - cone penetrometer - one point	BS 1377-2:1990	A
	Plastic limit	BS 1377-2:1990	A
	Plasticity index	BS 1377-2:1990	A
	Particle density - gas jar	BS 1377-2:2022	A
	Particle density - small pyknometer	BS 1377-2:1990	A
	Particle size distribution - wet sieving	BS 1377-2:1990	A
	Particle size distribution - dry sieving	BS 1377-2:1990	A
	Particle size distribution - sedimentation - pipette method	BS 1377-2:1990	A
	Organic matter content	BS 1377-3:2018 + A1:2021	A
	Sulphate content of soil and ground water - gravimetric method	BS 1377-3:2018 + A1:2021	A
	pH value	BS 1377-3:2018 + A1:2021	A
	Resistivity: open container method	BS 1377-3:2018 + A1:2021	A
	Redox potential	BS 1377-3:2018 + A1:2021	A

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)	Dry density/moisture content relationship (2.5 kg rammer)	BS 1377-2:2022	A
	Dry density/moisture content relationship (4.5 kg rammer)	BS 1377-2:2022	A
	Dry density/moisture content relationship (vibrating hammer)	BS 1377-2:2022	A
	Moisture condition value (MCV)	BS 1377-2:2022	A
	MCV - natural moisture content	BS 1377-2:2022	A, B
	MCV/moisture content relation	BS 1377-2:2022	A
	California Bearing Ratio (CBR)	BS 1377-2:2022	A
	Dispersibility – pinhole test	BS 1377-2:2022	A
	Permeability in a triaxial cell	BS 1377-6:1990	A
	Undrained shear strength - triaxial compression without measurement of pore pressure	BS 1377-7:1990	A
	Undrained shear strength - triaxial compression with multistage loading and without measurement of pore pressure	BS 1377-7:1990	A
	Shear strength by direct shear (small shearbox apparatus)	BS 1377-7:1990	A
	Shear strength by direct shear (large shearbox apparatus)	BS 1377-7:1990	A
	In-situ density - sand replacement method (small pouring cylinder)	BS 1377-9:1990	B
	In-situ density - sand replacement method (large pouring cylinder)	BS 1377-9:1990	B

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)	In-situ density - core cutter method	BS 1377-9:1990	B
	In-situ bulk density - nuclear method - comparative tests	BS 1377-9:1990	B
	In-situ bulk density - nuclear method - absolute tests	BS 1377-9:1990	B
	In-situ bulk density - nuclear method - compliance tests	BS 1377-9:1990	B
	In-situ moisture density - nuclear method - comparative tests	BS 1377-9:1990	B
	In-situ moisture density - nuclear method - absolute tests	BS 1377-9:1990	B
	In-situ moisture density - nuclear method - compliance tests	BS 1377-9:1990	B
	Vertical deformation and strength characteristics by the incremental plate loading test	BS 1377-9:1990	B
	Carbonate content - volumetric method	BS EN ISO 10693:2014	A
	Calculation of nominal CBR value using the plate bearing test	DMRB, IAN 73/06 Design of Pavement Foundations, Rev 1: 2009	B
	Determination of effective angle of internal friction and effective cohesion of earthworks materials (using 300 mm shearbox)	Specification for Highway Works, February 2016, Clause 636	A

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)	Determination of coefficient of friction and adhesion between fill and reinforcing elements or anchor elements for reinforced soil and anchored earth structures (using 300 mm shearbox)	Specification for Highway Works, February 2016, Clause 639	A
	Uniformity coefficient	Specification for Highway Works, February 2016, Table 6/1, Footnote 5	A
	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	A
	Horizontal permeability of road drainage layers using the permeability box	CD 225, Design for new pavement foundations, Revision 1, April 2020, Appendix C	A
	Determination of the methylene blue value of bentonite-containing soils	Documented In-House Method No.: TMP 020	A
	Calculation of nominal CBR value using the a dynamic cone penetrometer test (DCP)	Documented In-House Method No.: MS-G-ST-38 DMRB, CS229 Data for Pavement Assessment, Rev 0: 2020	B
	Determination of Thermal Conductivity by Thermal Needle Probe Procedure	ASTM D5334-22A	A
Special backfill material for cable installations	Determination of dry relative density by soil compaction measurement	ENA TS 97-1 2021, Annex A	A
	Determination of cohesion	ENA TS 97-1 2021, Annex C	A
	Determination of dry relative density by void ratio measurement	ENA TS 97-1 2021, Annex F	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
GEOTECHNICAL INVESTIGATION and TESTING - Laboratory testing of soil	Water content	BS EN ISO 17892-1:2014	A
	Determination of bulk density - linear measurement method	BS EN ISO 17892-2:2014	A
	Particle density - fluid pycnometer method	BS EN ISO 17892-3:2015	A
	Particle size distribution - sieving method	BS EN ISO 17892-4:2016	A
	Particle size distribution - pipette method	BS EN ISO 17892-4:2016	A
	Unconfined compression test	BS EN ISO 17892-7:2017	A
	Unconsolidated undrained triaxial	BS EN ISO 17892-8:2018	A
	Direct shear test – small shearbox apparatus	BS EN ISO 17892-10:2018	A
	Direct shear test – large shearbox apparatus	BS EN ISO 17892-10:2018	A
	Determination of permeability using a flexible wall permeameter	BS EN ISO 17892-11:2019	A
	Liquid limit - fall cone method	BS EN ISO 17892-12:2018 + A2:2022	A
	Plastic limit	BS EN ISO 17892-12:2018 + A2:2022	A
	Plasticity Index	BS EN ISO 17892-12:2018 + A2:2022	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
UNBOUND and HYDRAULICALLY BOUND MIXTURES	Laboratory reference density and water content - vibrating hammer	BS EN 13286-4:2021	A
	Compressive strength of hydraulically bound mixtures	BS EN 13286-41:2021	A
	Manufacture of test specimens of hydraulically bound mixtures using vibrating hammer compaction	BS EN 13286-51:2004	A
	Curing of hydraulically bound mixtures	BS EN 14227-1:2004 Annex C Regime A	A
END			