Schedule of Accreditation

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United Kingdom Accreditation Service

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

8995 **Accredited to ISO/IEC 17025:2017**	**Testall Limited** **Issue No:** 014 **Issue date:** 29 January 2024	
	295A Moorlough Road **Drumclay** **Newtownbutler** **Co Fermanagh** **BT92 8BJ**	**Contact: Mr D Jordan** **Tel: +44 (0)28 67737805** **E-Mail: contact@testallltd.com** **Website: www.testallltd.com**

Testing performed by the Organisation at the locations specified

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details		**Activity**	**Location code**
Address Testall Limited 295A Moorlough Road Drumclay Newtownbutler Co Fermanagh BT92 8BJ	**Local contact** Mr D Jordan Tel: +44 (0)28 67737805 contact@testallltd.com	Laboratory testing	A

Site activities performed away from the locations listed above:

Location details		**Activity**	**Location code**
All locations suitable for the activities listed	Contact: Mr D Jordan Tel: +44 (0)28 67737805 contact@testallltd.com	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	Sampling coarse, fine and all-in aggregates - from flattened stockpiles	BS EN 932-1:1997	B
	Methods for reducing laboratory samples	BS EN 932-2:1999	A
	Particle size distribution - sieving method	BS EN 933-1:2012	A
	Particle shape - flakiness index	BS EN 933-3:2012	A
	Assessment of fines - methylene blue test	BS EN 933-9: 2022	A
	Micro-Deval coefficient	BS EN 1097-1:2011	A
	Micro-Deval coefficient of railway ballast	BS EN 1097-1:2011 Annex A	A
	Resistance to fragmentation by the Los Angeles test method	BS EN 1097-2:2020	A
	Resistance to fragmentation of aggregates for railway ballast by the Los Angeles test method	BS EN 1097-2:2020 Annex A	A
	Loose bulk density and voids	BS EN 1097-3:1998	A
	Water content - drying in a ventilated oven	BS EN 1097-5:2008	A
	Particle density and water absorption - particles between 0.063mm and 4mm	BS EN 1097-6:2022 Clause 9	A
	Particle density and water absorption - particles between 4mm and 31.5mm	BS EN 1097-6:2022 Clause 8	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
AGGREGATES (cont'd)	Polished stone value	BS EN 1097-8:2020	A
	Aggregate abrasion value	BS EN 1097-8:2020	A
	Soundness	BS EN 1367-2:2009	A
	Uniformity coefficient	Specification for Highway Works table 6/1 footnote 5	A
	Water soluble sulfates in natural and manufactured aggregates	BS EN 1744-1:2009 + A1:2012	A
	Total sulfur content by acid digestion	BS EN 1744-1:2009 + A1:2012	A
	Acid soluble sulfates	BS EN 1744-1:2009 + A1:2012	A
	Calculation of total potential sulfate	Transport Infrastructure Ireland Specification for Road Works Clause 643	A
	Calculation of oxidisable sulfide	Transport Infrastructure Ireland Specification for Road Works Clause 643	A
BITUMINOUS MIXTURES for roads and other paved areas	Soluble binder content by difference, using bottle rotation machine and pressure filter	BS EN 12697-1:2020	A
	Soluble binder content by recovery, using bottle rotation machine, bucket centrifuge type 2 and volume calculation	BS EN 12697-1:2020	A
	Particle size distribution	BS EN 12697-2:2015+A1:2019	A
	Determination of the maximum density – volumetric procedure	BS EN 12697-5:2018	A
	Bulk density - saturated surface dry (SSD)	BS EN 12697-6:2020	A

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)	Determination of the air voids content	BS EN 12697-8:2018	A
	Measurements of temperature of laid materials and in a heap - contact thermometers	BS EN 12697-13:2017	B
	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	A
	Specimen preparation by vibratory compactor	BS EN 12697-32:2019	A
CONCRETE - fresh	Sampling fresh concrete on site - obtaining a composite sample - obtaining a spot sample	BS EN 12350-1:2019	B
	Slump test	BS EN 12350-2:2019	B
	Making cubic specimens for strength tests	BS EN 12390-2:2019	B
	Curing cubic specimens for strength tests	BS EN 12390-2:2019	A
CONCRETE - hardened	Shape, dimensions and other requirements for specimens and moulds	BS EN 12390-1:2021	A
	Compressive strength of cubes - including curing	BS EN 12390-3:2019 BS EN 12390-2:2019	A
	Density	BS EN 12390-7:2019	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
CONCRETE – hardened (cont'd)	Cored specimens - examination	BS EN 12504-1:2019	A
	Cored specimens - testing in compression	BS EN 12504-1:2019	A
PAVED SURFACES	Pavement surface macrotexture depth using a volumetric patch technique	BS EN 13036-1:2010	B
	Surface regularity using a rolling straight-edge	Specification for Highway Works, HMSO February 2016 Clause 702, TRRL Supplementary Report 290:1977 and UKAS Publication TPS 25	B
	Compacted density – using a non-nuclear density gauge (dielectric method)	BS 594987:2015+A1:2017 Annex I and Documented In-House Procedure 47	B
	In-situ density of road pavements using a nuclear density gauge in backscatter mode – Move entry to PAVED SURFACES section	BS 594987:2015+A1:2017 clause 9.4.2	B
ROCK	Slake-durability index of shales and other similar weak rocks	ASTM D 4644-16	A
	Slake durability index	The Complete ISRM Suggested Methods for Rock Characterisation, Testing and Monitoring:1974-2006. Editors: R Ulusay & J A Hudson	A
SOILS for civil engineering purposes	Moisture content - oven drying method	BS 1377-2:1990	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)	Liquid limit - cone penetrometer - definitive method	BS 1377-2:1990	A
	Liquid limit - cone penetrometer - one point method	BS 1377-2:1990	A
	Plastic limit	BS 1377-2:1990	A
	Plasticity index	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
	Dry density/water content relationship (2.5 kg rammer)	BS 1377-2:2022	A
	Dry density/water content relationship (4.5 kg rammer)	BS 1377-2:2022	A
	Dry density/water content relationship (vibrating hammer)	BS 1377-2:2022	A
	MCV - natural moisture content	BS 1377-2:2022	A
	Shear strength by direct shear - large shearbox apparatus	BS 1377-2:2022	A
	Effective angle of internal friction and effective cohesion of earthworks materials	Specification for Highway Works, HMSO February 2016: clause 636 using large shearbox	A
	Coefficient of friction and adhesion between fill and reinforcing elements or anchor elements for reinforced soils and anchored earth structures	Specification for Highway Works, HMSO February 2016: clause 639 using large shearbox	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)	In-situ density - sand replacement method (large pouring cylinder)	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
	Vertical deformation and strength characteristics by the incremental plate loading test	BS 1377-9:1990	B
	Calculation of nominal CBR value using the plate bearing test	DMRB, IAN 73/06 Design of Pavement Foundations, Rev 1:2009	B
GEOTECHNICAL INVESTIGATION and TESTING - Laboratory testing of soil	Water content	BS EN ISO 17892-1:2014 +A1:2022	B
UNBOUND and HYDRAULICALLY BOUND MIXTURES	Compressive strength of cubic specimens	BS EN 13286-41:2021	A
END			