Schedule of Accreditation

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United Kingdom Accreditation Service

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8011 **Accredited to ISO/IEC 17025:2017**	**TD Construction Testing Ltd** **Issue No:** 026 **Issue date:** 09 April 2026	
	Gerard Hall **40 Lord Street** **St. Helens** **Merseyside** **WA10 2SD**	**Contact: Ms Liz Gaskell** **Tel: +44 (0) 1744 734 769** **E-Mail: Liz.Gaskell@tdconstructiontesting.co.uk** **Website: www.tdconstructiontesting.co.uk**
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 Gerard Hall 40 Lord Street St. Helens Merseyside WA10 2SD	**Local contact** Ms Liz Gaskell	Testing: Aggregates - physical tests Concrete - mechanical tests, physical tests Soils for Civil Engineering purposes - mechanical tests, physical tests Unbound and Hydraulically Bound Mixtures – mechanical tests	A

Site activities performed away from the locations listed above:

Location details		Activity	Location code
All locations suitable for the activities listed	**Local contact** Ms Liz Gaskell	Sampling: Aggregates; Concrete; Soils Testing: Bituminous Road Surfacing Concrete - mechanical tests, physical tests Geotechnical Investigation and Testing - Laboratory testing of soil Soils for Civil Engineering Purposes - mechanical tests, physical tests Roads Pavement Surfaces	B

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
AGGREGATES	Frost heave	BS 812-124:2009	A
	Sampling aggregates - from stockpiles	BS EN 932-1:1997	B
	Methods of reducing laboratory samples - using a riffle box; - reduction by quartering; - to a test portion of a specified mass within a small tolerance	BS EN 932-2:1999	A
	Particle size distribution - sieving method	BS EN 933-1:2012	A
	Uniformity coefficient	Specification for Highway Works Table 6/1	A
	Flakiness index	BS EN 933-3:2012	A
	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)	BS EN 1097-1:2023 Annex A	A
	Resistance to fragmentation of coarse aggregate - Los Angeles method	BS EN 1097-2:2020	A
	Resistance to fragmentation of coarse aggregate - Los Angeles method	BS EN 1097-2:2020 Annex A	A
	Water content - drying in a ventilated oven	BS EN 1097-5:2008	A
	Particle density and water absorption	BS EN 1097-6:2022	A
	Magnesium sulphate test	BS EN 1367-2:2009 - aggregate particles between 10mm and 14mm	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	Soluble binder content by difference, using bottle rotation machine and pressure filter	BS EN 12697-1:2020	A
	Soluble binder content by recovery, using a bottle rotation machine, a bucket centrifuge and volume calculation.	BS EN 12697-1:2020	A
	Particle size distribution	BS EN 12697-2:2024	A
	Binder recovery	BS EN 12697-3:2013 +A1 2018	A
	Maximum density – volumetric procedure	BS EN 12697-5:2018	A
	Bulk density - dry - saturated surface dry (SSD) - sealed specimen - by dimensions	BS EN 12697-6:2020	A
	Air voids content	BS EN 12697-8:2018	A
	Sampling - from around the augers of the paver - from workable material in heaps - coated chippings from stockpiles - of finished material (core cutter method)	BS EN 12697-27:2017	B
	Preparation of samples for the determining binder content, water content and grading	BS EN 12697-28:2020	A & B
	Determination of the dimensions of a bituminous sample	BS EN 12697-29:2020	A
	Needle Penetration	BS EN 1426:2024	A
	Softening Point	BS EN 1427:2015	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)	Dynamic Shear Rheometer	BS EN 14770:2023	A
	Multiple Stress Creep and Recovery Test	BS EN 16659:2015	A
	Design of surface only maintenance	CD 227 0.1.0 ENAA E/2	A
	Core logging	Documented In-house Method S2a	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
	Air content - pressure gauge method	BS EN 12350-7:2019	B
	Making cubic specimens for strength tests	BS EN 12390-2:2019	A & B
CONCRETE - hardened	Compressive strength of cubes - including curing and shape & dimensions	BS EN 12390-3:2019 BS EN 12390-2:2019 BS EN 12390-1:2021	A
	Density	BS EN 12390-7:2019	A
SOILS for civil engineering purposes	Moisture content (oven drying method)	BS 1377-2:1990	A
	Water content (oven drying method)	BS 1377-2:2022	A
	Liquid limit : cone penetrometer (definitive 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 (one point)	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 – sieving method	BS 1377-2:2022	A
	Particle size distribution – pipette method	BS 1377-2:2022	A
	Particle density - gas jar method	BS 1377-2:1990 BS 1377-2:2022	A
	California Bearing Ratio (CBR)	BS 1377-4:1990 BS 1377-2:2022	A
	Determination of Moisture condition value (MCV) / moisture content relation of a soil	BS 1377-4:1990	A
	Determination of Moisture condition value (MCV) / water content relation of a soil	BS 1377-2:2022	A
	MCV (natural moisture content)	BS 1377-4:1990	A & B
	MCV (natural water content)	BS 1377-2:2022	A & B
	Dry density / moisture content relationship – 2.5kg rammer	BS 1377-4:1990	A
	Dry density / water content relationship – 2.5kg rammer	BS 1377-2:2022	A
	Dry density / moisture content relationship – 4.5kg rammer	BS 1377-4:1990	A
	Dry density / water content relationship – 4.5kg rammer	BS 1377-2:2022	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 – vibrating rammer	BS 1377-4:1990	A
	Dry density / water content relationship – vibrating rammer	BS 1377-2:2022	A
	Shear strength – Large shearbox	BS 1377-7:1990	A
	Shear strength by the large shearbox apparatus	BS 1377-2:2022	A
	Unconsolidated undrained triaxial test	BS 1377-2:2022	A
	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
	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

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)	Effective angle of internal friction and effective cohesion	Specification for Highway Works Volume 1 Clause 636 February 2016	A
	Vertical deformation and strength characteristics by the incremental plate loading test	BS 1377-9:1990	B
	Determination of equivalent CBR using the plate bearing test	Design Guidance for Road Pavement Foundations (Draft HD25) Interim Advice Note 73/06 Revision 1 (2009) - withdrawn	B
	Dynamic Cone Penetrometer	Design Manual for Roads and Bridges, CS229 Data for Pavement Assessment, Rev 0: 2020	B
	Sampling soils	Documented In-House Method C146	B
	In-place density(unit weight) and water content of soil using an electromagnetic soil density gauge	ASTM D7830/D7830M-14	B
BITUMINOUS ROAD SURFACING	In-situ density (compacted density) using indirect density gauges - nuclear method - dielectric method	Documented In-house Method C57	B
ROAD PAVEMENT SURFACES	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 clause 702.	B

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+A1:2022	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
	Unconsolidated undrained triaxial	BS EN ISO 17892-8:2018	A
GEOTECHNICAL INVESTIGATION and TESTING - Laboratory testing of soil (cont'd)	Direct shear – shear box test	BS EN ISO 17892-10:2018	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
HYDRAULICALLY BOUND and STABILIZED MATERIALS for CIVIL ENGINEERING PURPOSES	Density tests – Nuclear gauge method – Compliance - Bulk density - Moisture density	BS 1924-2:2018	B
	Density tests – Sand replacement method (Large pouring cylinder)	BS 1924-2:2018	B
	Core-cutter method	BS 1924-2:2018	B
UNBOUND AND HYDRAULICALLY BOUND MIXTURES	Laboratory reference density and water content – Proctor compaction : Proctor test	BS EN 13286-2:2010	A
	Laboratory reference density and water content – Proctor compaction : Modified Proctor test	BS EN 13286-2:2010	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
UNBOUND AND HYDRAULICALLY BOUND MIXTURES	Degree of pulverisation	BS EN 13286-48:2005	B
	Laboratory reference density and water content – Vibrating hammer	BS EN 13286-4:2021	A
	Moisture condition value	BS EN 13286-46:2003	A & B
	California bearing ratio / Immediate bearing index	BS EN 13286-47:2021	A
END			