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:** 029 **Issue date:** 07 September 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
	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
	Core logging	Documented In-house Method S2a Issue 4 May2026	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
BITUMINOUS MATERIALS	Binder recovery by rotary evaporator	BS EN 12697-3:2013 +A1 2018	A
	Needle Penetration - 25°c	BS EN 1426:2024	A
	Softening Point – Ring and ball method	BS EN 1427:2015	A
	Complex Shear modulus and phase angle - dynamic shear rheometer (DSR) method	BS EN 14770:2023	A
	Multiple Stress Creep and Recovery Test (MSCRT) - dynamic shear rheometer (DSR) method	BS EN 16659:2026	A
	T(VET) & G*(VET) by dynamic shear rheometer (DSR) method	CD 227 Design for Pavement Maintenance, ENAA E/2 version 0.1.0, September 2025	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
	Taking Cores	BS EN 12504-1:2019	B

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
	Water content (oven drying method)	BS 1377-2:2022	A
	Liquid limit: cone penetrometer (definitive method)	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 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

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 – 2.5kg 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
	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

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 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
	Effective angle of internal friction and effective cohesion	Specification for Highway Works Volume 1 Clause 636 February 2016	A
	Determination of the coefficient of friction and adhesion between fill and reinforcing elements or anchor elements for reinforced soil and anchored earth structures	Specification for Highway Works, February 2016, Clause 639	A
	Adhesion and coefficient of friction between fill and reinforcing elements	National Highways CC601 September 2025, Clauses 15.5 – 15.9	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 Issue 4 May 2026	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-place density (unit weight) and water content of soil using an electromagnetic soil density gauge	ASTM D7830/D7830M-14	B
	Determination of Thermal Conductivity by Thermal Needle Probe	ASTM D5334-22	B
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
BITUMINOUS ROAD SURFACING	In-situ density (compacted density) using indirect density gauges - nuclear method - dielectric method	Documented In-house Method C57 Issue 9 May 2026	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
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

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 (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
	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			