Schedule of Accreditation

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United Kingdom Accreditation Service

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Accredited to ISO/IEC 17025:2017

Tonkin Materials Testing Ltd

Issue No: 027 **Issue date:** 16 June 2026

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Testing performed by the Organisation at the locations specified below

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details		Activity	Location code
Address 25A New North Road Exmouth Devon EX8 1RU	**Contact** Mr G J Tonkin	Testing: Aggregates; Physical tests Bituminous mixtures; Physical Tests Soils; physical tests	Laboratory

Site activities performed away from the locations listed above:

Location details		Activity	Location code
All locations suitable for the activities listed	**Contact** Mr G J Tonkin	Sampling: Aggregates Bituminous mixtures Soils Testing: Road pavement surfaces; Physical tests Soils; physical tests	Site

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
AGGREGATES	Methods for sampling - from stockpiles	BS EN 932-1:1997	Site
	Sample reduction - using a riffle box - by quartering	BS EN 932-2:1999	Site Laboratory
	Particle size distribution - sieving method	BS EN 933-1:2012	Laboratory
	Classification test for the constituents of coarse recycled aggregate	BS EN 933-11:2009	Laboratory
	Water content	BS EN 1097-5:2008	Laboratory
BITUMINOUS MIXTURES for roads and other paved areas	Sampling from - around the augers of the paver - workable material in heaps	BS EN 12697-27:2017	Site
	Sampling of finished material - core cutting method	BS EN 12697-27:2017	Site
	Sampling of coated chippings from stockpiles	BS EN 12697-27:2017	Site
	Preparation of samples for determining binder content, water content and grading	BS EN 12697-28:2020	Site Laboratory
	Temperature of Bituminous Mixtures - in laid material - in a heap	BS EN 12697-13:2017 incorporating corrigendum July 2022	Site
	Temperature of Bituminous Mixtures - in a paver	BS EN 12697-13:2017 incorporating corrigendum July 2022 (Infrared thermometer)	Site
	Soluble binder content by difference, using bottle rotation machine and pressure filter	BS EN 12697-1:2020	Laboratory
	Particle size distribution	BS EN 12697-2:2024	Laboratory

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)	Maximum density - Volumetric method	BS EN 12697-5:2018	Laboratory
	Bulk density - dry - saturated surface dry (SSD) - sealed specimen	BS EN 12697-6:2020	Laboratory
	Air void content	BS EN 12697-8: 2018	Laboratory
	Percentage refusal Density (PRD)	BS EN 12697-9: 2002 BS EN 12697-6: 2020 BS EN 12697-32: 2019	Laboratory
	Determination of the thickness of a bituminous pavement - destructive measurement	BS EN 12697-36:2022	Laboratory
	Binder volume	BS 594987:2024	Laboratory
	In-situ density	BS 594987:2024 Documented In-house Method No. TP038:Jan 2008 using Nuclear Density meter	Site
REINSTATEMENT OF OPENINGS IN HIGHWAYS	Pavement construction	Methods of test required for the assessment of conformity under the New Roads and Street Works Act (1991) (Specification for the Reinstatement of Openings in Highways)	
	Sampling of finished material - core cutting method	BS EN 12697-27:2017	Site
	Maximum density - Volumetric method	BS EN 12697-5:2018	Laboratory
	Bulk density - dry - saturated surface dry (SSD) - sealed specimen	BS EN 12697-6:2012	Laboratory
	Air void content	BS EN 12697-8: 2018	Laboratory

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
REINSTATEMENT OF OPENINGS IN HIGHWAYS (cont'd)	Determination of the thickness of a bituminous pavement - destructive measurement	BS EN 12697-36:2022	Laboratory
	Pavement surface macrotexture depth using a volumetric patch technique	BS EN 13036-1:2010	Site
	Surface regularity using a rolling straight-edge	Specification for Highway Works HMSO February 2016 Clause 702	Site
	Surface regularity using a rolling straight-edge	TRRL Supplementary Report 290:1977	Site
ROAD PAVEMENT SURFACES	Pavement surface macrotexture depth using a volumetric patch technique	BS EN 13036-1:2010	Site
	Texture depth - by the sand-patch method	BS 598-105:2000	Site
	Surface regularity using a rolling straight-edge	Specification for Highway Works HMSO February 2016Clause 702	Site
	Surface regularity using a rolling straight-edge	TRRL Supplementary Report 290:1977	Site
GEOTECHNICAL INVESTIGATION and TESTING - Laboratory testing of soil	Water content	BS EN ISO 17892-1:2014	Laboratory
	Determination of particle size distribution - Sieving method	BS EN ISO 17892-4:2016	Laboratory
SOILS for civil engineering purposes	Sampling earthworks materials	Documented In-house Method No. SP001, Issue 1.6, January 2026	Site
	Moisture content - oven drying method	BS 1377-2:2022	Laboratory
	Particle size distribution - wet sieving	BS 1377-2:2022	Laboratory

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)	Particle size distribution - dry sieving	BS 1377-2:2022	Laboratory
	Particle density(gas jar)	BS 1377-2: 2022	Laboratory
	Uniformity coefficient	BS EN ISO 14688-2:2018	Laboratory
	Dry density/moisture content relationship (2.5 kg rammer)	BS 1377-2:2022	Laboratory
	Dry density/moisture content relationship (4.5 kg rammer)	BS 1377-2:2022	Laboratory
	Dry density/moisture content relationship (vibrating hammer)	BS 1377-2:2022	Laboratory
	Moisture condition value (MCV)	BS 1377-2:2022	Laboratory
	MCV - natural moisture content	BS 1377-2:2022	Laboratory
	MCV/moisture content relation	BS 1377-2:2022	Laboratory
	California Bearing Ratio	BS 1377-2:2022	Laboratory
	In-situ density - sand replacement method (large pouring cylinder)	BS 1377-9:2025	Site
	In-situ density - core cutter method	BS 1377-9:2025	Site
	In-situ density - nuclear method - compliance tests	BS 1377-9:2025	Site
	Vertical deformation and strength characteristics by the incremental plate loading test	BS 1377-9:2025	Site
	Calculation of nominal CBR value using the plate bearing test	Design Manual for Roads and Bridges, IAN 73/06 Design of Pavement Foundations, Rev 1: 2009	Site

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)	Dynamic cone penetration test	BS 1377-9:2025 Design Manual for Roads and Bridges CS229 Revision 0, March 2020	Site
	Calculation of nominal CBR value using the dynamic cone penetrometer test (DCP)	Design Manual for Roads and Bridge, CS229 Data for Pavement Assessment, Rev 0: 2020	Site
	Calculation of nominal Subgrade Surface Modulus value using the dynamic cone penetrometer test (DCP)	Design Manual for Roads and Bridge, CD 225, Design for new pavement foundations, Version 1, April 2020	Site
END			