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

Construction Testing Services

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Testing performed by the Organisation at the locations specified below

Locations covered by the organisation and their relevant activities:

Location details		Activity	Location code
Address 2 Steeple Road Industrial Estate Antrim Co Antrim Northern Ireland BT41 1AB	**Local contact** Mr R Browne	Testing: Soils and Aggregates - physical and mechanical tests; Bituminous Mixtures – physical and mechanical tests; Concrete - mechanical & physical tests; Unbound and hydraulically bound mixtures - mechanical tests	A

Site activities performed away from the location A listed above:

Location details		Activity	Location code
All locations suitable for the activities listed	Contact: Mr R Browne	Sampling: Aggregates, Bituminous & Concrete Testing: Concrete - physical tests; Soils – physical and mechanical tests Road Pavement Surfaces – physical tests	S

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
AGGREGATES	Sampling aggregates - from stockpiles	BS EN 932-1:1997	S
	Methods for 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 & S
	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
	Classification test for the constituents of coarse recycled aggregate	BS EN 933-11:2009	A
	Micro-Deval coefficient	BS EN 1097-1:2023	A
	Micro-Deval coefficient of Railway Ballast	BS EN 1097-1:2023 Annex A	A
	Resistance to fragmentation by the Los Angeles Method	BS EN 1097-2:2020	A
	Resistance to fragmentation by the Los Angeles Method of Railway Ballast	BS EN 1097-2:2020 Annex A	A
	Loose bulk density	BS EN 1097-3:1998	A
	Apparent (bulk) density of filler in kerosene	BS EN 1097-3:1998	A
	Water content - drying in a ventilated oven	BS EN 1097-5:2008	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
AGGREGATES (cont'd)	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
	Polished stone value	BS EN 1097-8:2020	A
	Aggregate abrasion value	BS EN 1097-8:2020	A
	Magnesium sulfate test (Including Annex B & C)	BS EN 1367-2:2009	A
	Aggregate crushing value - particle size 10 mm and greater	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
	Aggregate impact value - dry	BS 812-112:1990	A
	Aggregate impact value - soaked	BS 812-112:1990	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	Particle size distribution	BS EN 12697-2:2015+A1:2019	A
	Sampling - from around the augers of a paver; - from workable material in heaps; - of finished material; core cutting method; - coated chippings from stockpiles	BS EN 12697-27:2017	S
	Preparation of samples for the determining binder content, water content and grading	BS EN 12697-28:2020	A, S
	Binder content by ignition	BS EN 12697-39:2020	A
	Determination of the maximum density (Procedure A)	BS EN 12697-5:2018	A
	Determination of bulk density of bituminous specimens (Procedures A, B, C & D)	BS EN 12697-6:2020	A
	Determination of the dimensions of a bituminous specimen	BS EN 12697-29:2020	A
	Determination of void characteristics of bituminous specimens - air void content and voids filled with binder	BS EN 12697-8:2018	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
CONCRETE - fresh	Sampling fresh concrete on site - spot sample; including temperature	BS EN 12350-1:2019	S
	Sampling fresh concrete on site - composite sample; including temperature	BS EN 12350-1:2019	S
	Slump	BS EN 12350-2:2019	S
	Making test cubes, prisms and cylinders	BS EN 12390-2:2019	S
	Flow table test	BS EN 12350-5:2019	A,S
	Air content	BS EN 12350-7:2019	S
	Slump-flow test	BS EN 12350-8:2019	S
	Density of fresh concrete	BS EN 12350-6:2019	S
	Test method for metallic fibre concrete. Method B, Fibre content in fresh concrete	BS EN 14721:2005+A1:2007	A
CONCRETE - hardened	Compressive strength of cubes - including shape and dimensions and curing	BS EN 12390-3:2019 BS EN 12390-1:2021 BS EN 12390-2:2019	A A A
	Density	BS EN 12390-7:2019 Incorporating corrigendum November 2020	A
	Cored specimens - examining and testing in compression	BS EN 12504-1:2019	A
	Testing concrete. Method for determination of water absorption	BS 1881-122:2011+A1:2020	A
SURFACES	Skid resistance value	BS 7976-2:2002 + A1:2013	S
	Determining the slip resistance of pedestrian surfaces – method evaluation	BS EN 16165:2021 Annex C	S

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ROAD PAVEMENT SURFACES	Texture depth – by sand patch method	BS 598-105:2000	S
	Surface macrotexture depth using a volumetric patch technique	BS EN 13036-1:2010	S
SOILS for civil engineering purposes	Moisture content	BS 1377-2:1990	A
	MCV (Natural Moisture Content)	BS 1377-4:1990	S
	Plastic limit	BS 1377-2:2022	A
	Liquid limit (fall cone method) - four point method - one point method	BS 1377-2:2022	A
	Plasticity index	BS1377-2:2022	A
	Water Content	BS 1377-2:2022	A
	Particle size distribution – sieving method	BS 1377-2:2022	A
	Uniformity coefficient	Specification for Highway Works Series 600 Table 6/1 Footnote 5	A
	Dry Density/ Water content relationship - 2.5 kg Hammer - 4.5kg Hammer - Vibrating Hammer	BS 1377-2:2022	A
	MCV (Natural Water Content)	BS 1377-2:2022	A & S
	MCV/Water Content Relationship	BS 1377-2:2022	A
	In-situ Density - Sand Replacement Method (large pouring cylinder)	BS 1377-9:1990	S

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	S
	In-situ bulk density – nuclear method; - comparative tests; - absolute tests	BS 1377-9:1990	S
	Vertical deformation and strength characteristics by the increment plate loading test	BS 1377-9:1990	S
	Determination of equivalent CBR value using the plate bearing test	Design Manual for Roads and Bridges. Volume 7: Pavement Design and Maintenance. IAN 73/06 Rev 1 (2009): Foundations	S
	Dynamic Cone Penetrometer	CS 229, Data for pavement assessment (2020) (formerly IAN 73/06 revision 1 (2009)	S
GEOTECHNICAL INVESTIGATION and TESTING - Laboratory testing of soil	Water content	BS EN 17892-1:2014+A1:2022	A
	Particle size distribution - sieving method	BS EN 17892-4:2016	A
	Liquid limit by fall cone method; - four-point method - one point method	BS EN 17892-12:2018+A2:2022	A
	Plastic limit	BS EN 17892-12:2018+A2:2022	A
	Plasticity index	BS EN 17892-12:2018+A2:2022	A
END			