Schedule of Accreditation

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United Kingdom Accreditation Service

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Accredited to ISO/IEC 17025:2017

G&H Technical Services Limited

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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 12 & 14 Glenmore Business Park Castle Road Sittingbourne ME10 3FX United Kingdom	**Local contact** Contact: Mr Maciej Jaworski Tel: +44 (0)1795 599739	Laboratory Testing	A

Site activities performed away from the locations listed above:

Location details		Activity	Location code
All locations suitable for the activities listed	**Local contact** Mr Maciej Jaworski	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 aggregates - from stockpiles	BS EN 932-1:1997	B
	Sample reduction - by quartering - using a riffle box	BS EN 932-2:1999	A
	Particle size distribution – sieving method	BS EN 933-1:2012	A
	Flakiness Index	BS EN 933 – 3:2012	A
	Water content	BS EN 1097-5:2008	A
BITUMINOUS MIXTURES for roads and other paved areas	Temperature Measurement - in a lorry - of laid materials - in a heap	BS EN 12697-13:2017 - Contact thermometer	B
	Temperature Measurement - in a lorry - in a heap - in a paver hopper	BS EN 12697-13:2017 - Infrared thermometer	B
	Sampling from the material around the augers of the paver	BS EN 12697-27:2017	B
	Sampling of workable material in heaps	BS EN 12697-27:2017	B
	Sampling of laid and compacted materials by coring	BS EN 12697-27:2017	B
	Preparation of samples for Binder Content, Water Content and Grading	BS EN 12697-28:2020	A
	Percentage refusal density (PRD) - vibratory compaction	BS EN 12697-9:2002	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)	Soluble binder content; by difference, using bottle rotation machine and pressure filter	BS EN 12697-1:2020	A
	Particle size distribution	BE EN 12697-2:2015 + A1:2019	A
	Air voids content	BS EN 12697-8:2018	A
	Maximum density - volumetric procedure	BS EN 12697-5:2018	A
	Bulk density - dry - saturated surface dry (SSD) - sealed specimens	BS EN 12697-6:2020	A
	Laboratory compaction of bituminous mixtures by vibratory compaction	BS EN 12697-32:2019	A
	Determination of the thickness of a bituminous pavement – destructive method	BS EN 12697:36:2022	A
	Assessment of hazard from road tar in arisings from bituminous bound road materials by the use of benzo(a)pyrene content test results produced by a laboratory accredited for this analysis	ADEPT & Construction Demolition Waste Forum Guidance Note: Managing Reclaimed Asphalt – Highways and Pavements Version 2019 Revision 1 (August 2019) -Appendix C Clauses C7.0; C8.1; C8.2 and C8.3	A
	Appendix D Clauses D1.0 and D2.0 – PAH screening by PAK marker.	ADEPT & Construction Demolition Waste Forum Guidance Note: Managing Reclaimed Asphalt – Highways and Pavements Version 2019 Revision 1 (August 2019)	A & B

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)	Polyaromatic Hydrocarbons (PAHs) Total 17 containing the following: Naphthalene Acenaphthylene Acenaphthene Fluorene Phenanthrene Anthracene Fluoranthene Pyrene Benz[a]anthracene Chrysene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[a]pyrene Indeno[1,2,3-cd]pyrene Dibenz[a,h]anthracene Benzo[g,h,i]perylene Benzo (a) pyrene Coronene	Speciated Analysis of benzo(a)pyrene EPA PAH 17 by GS-MS for Determination of Road Tar presence in accordance with the requirements of ADEPT Guidance Managing Reclaimed Asphalt, Highways and Pavement Version 2019 Revision 1 Documented in house method LTP B7 using GC-MS	A
	Polyaromatic Hydrocarbons (PAHs) Total 16 containing the following: Naphthalene Acenaphthylene Acenaphthene Fluorene Phenanthrene Anthracene Fluoranthene Pyrene Benz[a]anthracene Chrysene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[a]pyrene Indeno[1,2,3-cd]pyrene Dibenz[a,h]anthracene Benzo[g,h,i]perylene Benzo (a) pyrene	Speciated Analysis of benzo(a)pyrene EPA PAH 16 by GS-MS for Determination of Road Tar presence in accordance with the requirements of ADEPT Guidance Managing Reclaimed Asphalt, Highways and Pavement Version 2019 Revision 1 Documented in house method LTP B7 using GC-MS	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ROAD PAVEMENT SURFACES	Surface regularity using a rolling straight-edge	TRRL Supplementary Report 290:1977	B
	Pavement surface macrotexture depth using a volumetric patch technique	BS EN 13036-1:2010	B
BITUMINOUS ROAD SURFACING	In-situ density - dielectric method	BS 594987:2015 +A1:2017 Annex I and Documented In-House Method STPB6	B
	In-situ density - non-nuclear method	BS 594987:2015 +A1:2017 Annex I and Documented In-House Method STPB6	B
	In-situ density - nuclear method	BS 594987:2015 +A1:2017 Annex I and Documented In-House Method STPB6	B
	Measurement of layer thickness, visual examination and description of bituminous core samples	Documented In-House Method LTPB5 Issue No.5, dated 17/06/2024	A, B
	Rate of spread of chippings for mechanical chipping spreaders	BS 598-1:2011	B
	Rate of spread of chippings for mechanical chipping spreaders	Documented In House Method STPB4A	B
SOILS for civil engineering purposes	Particle Density – gas jar method	BS 1377-2:2022	A
	Saturated moisture content of chalk	BS 1377-2:2022	A
	Dry density / water content relationship (2.5kg 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 / water content relationship (4.5kg rammer)	BS 1377-2:2022	A
	Dry density / water content relationship (Vibrating Hammer)	BS 1377-2:2022	A
	MCV / water content Relationship	BS 1377-2:2022	A
	MCV – Natural water content	BS 1377-2:2022	A
	Chalk crushing value	BS 1377-2:2022	A
	California Bearing Ratio (CBR)	BS 1377-2:2022	A
	Swelling of soaked CBR specimen	BS 1377-2:2022	A
	Vertical deformation and strength characteristics by the incremental plate loading test	BS 1377-9:1990	B
	Determination of equivalent CBR value using the plate bearing test	Specification for Highway Works: Design Guidance for Road Pavement Foundations Interim Advice Note 73/06	B
	Dynamic cone penetrometer test (DCP)	Documented In-House Method STPS5 Issue No.3, dated 18/05/2022	B
	Calculation of nominal CBR value using the Dynamic Cone Penetrometer test (DCP)	DMRB, CS229 Data for Pavement Assessment, Rev 0:2020	B
	In-situ density - core cutter method	BS 1377-9:1990	B
	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

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 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
	In-situ density - non-nuclear (dielectric method	ASTM D7830/D7830M-14(2021)	B
	Sampling of soils - From stockpiles	Documented In-House Method STPS0	B
	Uniformity Coefficient	Specification for Highways Works: Series 600 Table 6/1 Footnote 5: February 2016	A
Geotechnical Investigation and Testing - Laboratory testing of soil	Water content	BS EN ISO 17892 – 1: 2014+A1:2022	A
	Saturated water content of chalk	BS EN ISO 17892 – 2 2014	A
	Determination of particle density	BS EN ISO 17892 - 3: 2015	A
	Determination of particle size distribution	BS EN ISO 17892 – 4: 2016	A
	Determination of liquid limit – fall cone (4-point method)	BS EN ISO 17892 -12: 2018+A2:2022	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)	Determination of liquid limit – fall cone (1-point method)	BS EN ISO 17892 -12: 2018+A2:2022	A
	Determination of plastic limit	BS EN ISO 17892 -12: 2018+A2:2022	A
	Determination of plasticity index	BS EN ISO 17892 -12: 2018+A2:2022	A
HYDRAULICALLY BOUND and STABILIZED MATERIALS for CIVIL ENGINEERING PURPOSES	Sampling	BS 1924-1:2018	B
	Density tests – Nuclear gauge method – Compliance - Bulk density - Moisture density	BS 1924-2:2018	B
	Density tests – Nuclear gauge method – Comparative - Bulk density - Moisture density	BS 1924-2:2018	B
	Density tests – Sand replacement method (Large pouring cylinder)	BS 1924-2:2018	B
	Density tests – Sand replacement method (Small pouring cylinder)	BS 1924-2:2018	B
Unbound & Hydraulically Bound Mixtures	Sampling	BS EN 13286-1:2021	B
	Laboratory reference density & water content – vibrating hammer method	BS EN 13286 – 4:2021	A
	MCV – natural moisture content	BS EN 13286 – 46:2003	A
	Method for the manufacture of test specimens of hydraulically bound mixtures using vibrating hammer compaction	BS EN 13286-51:2004	B
END			