

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 <p>1641</p> <p>Accredited to ISO/IEC 17025:2017</p>	<h3>Aggregate Industries UK Ltd</h3> <p>Issue No: 035 Issue date: 13 July 2020</p>	
	<p>Technical & Development Department Moordale House Hulland Ward Ashbourne Derbyshire DE6 3ET</p>	<p>Contact: Dr I Artamendi Tel: +44 (0) 1335 372257 Fax: +44 (0)1335 372485 E-Mail: ignacio.artamendi@aggregate.com Website: www.aggregate.com</p>
<p>Testing performed by the Organisation at the locations specified</p>		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
<p>Address Moordale House Hulland Ward Ashbourne Derbyshire DE6 3ET</p> <p>Local contact Dr I Artamendi</p>	<p>Testing of aggregates, bitumens and bituminous mixtures and concrete.</p>	A

Site activities performed away from the locations listed above:

Location details	Activity	Location code
<p>All site locations suitable for the activities listed</p> <p>Tinsley Depot Sheffield Unit 3 SIRFT Europa Link Tinsley Sheffield South Yorkshire S9 1TQ</p> <p>Local contact Tommy Newbould T: 0114 2567370 M: 07753454488 Tommy.newbould@aggregate.com</p>	<p>Bulk sampling and measurement of temperatures during laying of bituminous mixtures</p> <p>Measurement of surface texture and regularity</p> <p>In-situ density of paved areas</p>	B



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
AGGREGATES and AGGREGATES for railway ballast	Particle size distribution - washing and sieving	BS EN 933-1:2012	A
	Particle size distribution - dry sieving	BS EN 933-1:2012	A
	Flakiness index	BS EN 933-3:2012	A
	Assessment of fines - methylene blue test	BS EN 933-9:2009+A1:2013	A
	Determination of the resistance to wear (micro deval)	BS EN 1097-1:2011	A
	Determination of the resistance to wear (micro deval) of railway ballast	BS EN 1097-1:2011:Annex A	A
	Determination of resistance to fragmentation by the Los Angeles test method	BS EN 1097-2:2010	A
	Determination of resistance to fragmentation of aggregates for railway ballast by the Los Angeles test method	BS EN 1097-2:2010:Annex A	A
	Loose bulk density and voids of dry aggregates	BS EN 1097-3:1998	A
	Determination of the voids of dry compacted filler	BS EN 1097-4: 2008	A
	Particle density and water absorption - pycnometer method for aggregate particles between 4mm and 31.5mm	BS EN 1097-6:2013	A
	Particle density and water absorption – pycnometer method for aggregate particles between 0.063mm and 4mm	BS EN 1097-6:2013	A



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AGGREGATES and AGGREGATES for railway ballast	Determination of the particle density of fillers by means of a pyknometer	BS EN 1097-7:2008	A
	Aggregate abrasion value	BS EN 1097-8:2009	A
	Polished stone value	BS EN 1097-8:2009	A
	Magnesium sulfate test	BS EN 1367-2:2009	A
	Drying shrinkage	BS EN 1367-4:2008	A
BITUMINOUS MATERIALS	Needle penetration	BS EN 1426:2015 BS 2000-49:2015	A
	Softening point - ring and ball method	BS EN 1427:2015 BS 2000-58:2015	A
BITUMINOUS MIXTURES for roads and other paved areas	Maximum density (volumetric method)	BS EN 12697-5:2018	A
	Bulk density (hydrostatic and dimension methods)	BS EN 12697-6:2012	A
	Air voids content	BS EN 12697-8:2018	A
	Affinity between aggregate and bitumen - rolling bottle method	BS EN 12697-11:2012	A
	Water sensitivity of bituminous specimens	BS EN 12697-12:2018 Method A	A
	Particle loss of porous asphalt specimen	BS EN 12697-17:2017	A
	Binder drainage - Beaker	BS EN 12697-18: 2017	A
	Wheel tracking using a small size device and procedure A	BS EN 12697-22:2003	A
	Wheel tracking using a small size device and procedure B in air	BS EN 12697-22:2003	A



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BITUMINOUS MIXTURES for roads and other paved areas	Determination of indirect tensile strength of bituminous specimens	BS EN 12697-23:2017	A
	Cyclic compression test. Compression strain with number of load cycles. Strain rate determined.	BS EN 12697-25:2018 Method B	A
	Stiffness - test applying indirect tension to cylindrical specimens (IT-CY)	BS EN 12697-26:2004 (Annex C)	A
	Dimensions of a bituminous specimen	BS EN 12697-29:2002	A
	Laboratory compaction by vibratory compactor	BS EN 12697-32:2019	A
	Marshall test	BS EN 12697-34:2012	A
	Crack propagation by the semi-circular bending test	BS EN 12697-44:2019	A
	Saturation ageing tensile stiffness (SATS) conditioning test.	BS EN 12697-45:2012	A
	Saturation ageing tensile stiffness (SATS) test	SHW Series 900:Clause 953 November 2008	A
	Modified SATS conditioning test	TRL Publish Project Report PPR535(2010) Part 1 – Widening the applicability of the SATS test	A
Test for filler aggregates in bituminous mixtures – Delta ring and ball test	BS EN 13179-1:2013	A	
Gyratory compactor	Documented in house method Technical Instruction IHTI 8 Issue 4; 20/04/2016	A	



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CONCRETE - fresh	Making cubic specimens for strength tests	BS EN 12390-2:2009	A
SITE TESTS			
BITUMINOUS MIXTURES for roads and other paved areas	Sampling from - around the augers of the paver - workable material in heaps	BS 598:Part 100:1987 (withdrawn) BS EN 12697-27:2017	B
	Temperature of bituminous mixtures -in the hopper of a paver	Documented In-House Method FYC WI 14a March 2018	B
	Measurements of temperature of laid materials and in a heap - Contact thermometer	BS EN 12697-13:2017	B
ROAD PAVEMENT SURFACES	Texture depth - by the sand patch method	BS 598:Part 105:2000 (withdrawn)	B
	Macrotexture depth using a volumetric patch technique	BS EN 13036-1:2010	B
	Surface regularity using a rolling straight edge	Specification for Highway Works: February 2016 TRRL Supplementary Report 290:1977	B
ROAD PAVEMENT SURFACES	In-situ density using an indirect density gauge	Documented In-house Method FYC WI 14h March 2018	B
END			