


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS TESTING 4076</p> <p>Accredited to ISO/IEC 17025:2017</p>	<h3>XAIS-PTS Ltd</h3> <p>Issue No: 047 Issue date: 10 December 2024</p>	
	<p>Unit 1 Rough Hey Road Grimsargh Preston PR2 5AR</p>	<p>Contact: Mr Anthony Birkett Tel: +44 (0)1772 792899 E-Mail: anthony.birkett@xais-pts.co.uk Website: www.xais-pts.co.uk</p>
<p>Testing performed by the Organisation at the locations specified below</p>		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
<p>Address Unit 1 Rough Hey Road Grimsargh Preston PR2 5AR</p> <p>Local contact Mr Anthony Birkett Tel: +44(0)1772 792899 Email: anthony.birkett@xais-pts.co.uk</p>	<p>Testing: Aggregates - physical tests Bitumen Road Emulsions - physical tests Bituminous Materials - physical tests Bituminous Mixtures - mechanical, tests, physical tests Pavement Surface Treatments - mechanical tests, physical tests Concrete - mechanical tests, physical tests</p>	A

Site activities performed away from the locations listed above:

Location details	Activity	Location code
<p>All locations suitable for the activities listed</p> <p>Local contact (s) Preston Mr Anthony Birkett Tel: +44(0)1772 792899 Email: anthony.birkett@xais-pts.co.uk</p>	<p>Sampling: Bituminous mixtures Concrete – fresh & hardened Road pavement surfaces</p> <p>Testing: Aggregates - physical tests Bituminous Mixtures – mechanical and tests, physical tests Concrete - mechanical and physical tests Soils – mechanical and physical tests</p> <p>Non-destructive tests: Paved surfaces - physical tests</p>	Site



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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	Particle size distribution - sieving method	BS EN 933-1:2012	A
BITUMEN ROAD EMULSIONS (ANIONIC and CATIONIC)	Residual binder and oil distillate from bitumen emulsions by distillation	BS EN 1431:2018	A
	Recovery of binder from bitumen emulsions by evaporation	BS EN 13074-1:2019	A
	Recovery of binder from bitumen emulsions or cutback or fluxed bituminous binders stabilisation after recovery by evaporation	BS EN 13074-2:2011	A
BITUMINOUS MATERIALS	Needle penetration - 25 °C	BS EN 1426:2015	A
	Softening point - ring and ball method	BS EN 1427:2015	A
	Recovery of bitumen binders by dichloromethane extraction rotary film evaporator method	BS EN 12697-3:2013 + A1:2018	A
	Cohesion of bituminous binders with pendulum test	BS EN 13588:2017	A
	Complex shear modulus and phase angle - dynamic shear rheometer (DSR) method	BS EN 14770:2012 Specification for Highway Works Clause 956:2008	A
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 bottle rotation machine, bucket centrifuge type 1 and volume calculation	BS EN 12697-1:2020	A



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BITUMINOUS MIXTURES for roads and other paved areas (cont'd)	Particle size distribution	BS EN 12697-2:2015 + A1:2019	A
	Maximum density - volumetric procedure	BS EN 12697-5:2018	A
	Bulk density - dry - sealed specimen - saturated surface dry (SSD) - by dimensions	BS EN 12697-6:2020	A
	Air voids content	BS EN 12697-8:2018	A
	Percentage of the voids in the mineral aggregate filled with binder (vfb)	BS EN 12697-8:2018	A
	Voids content in the mineral aggregate (vma)	BS EN 12697-8:2018	A
	Percentage refusal density (PRD) - vibratory compaction	BS EN 12697-9:2002	A
	Wheel tracking using a small size device and procedure B	BS EN 12697-22:2020	A
	Resistance to fatigue - indirect tensile test on cylindrical shaped specimens	BS EN 12697-24:2004	A
	Stiffness - test applying indirect tension to cylindrical specimens (IT-CY)	BS EN 12697-26:2004	A
	Sampling bituminous materials - core cutting method	BS EN 12697-27:2017	Site
	Preparation of samples for determining binder content, water content and grading	BS EN 12697-28:2020	A



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BITUMINOUS MIXTURES for roads and other paved areas (cont'd)	Determination of the dimensions of a bituminous sample	BS EN 12697-29:2020	A
	Laboratory compaction of bituminous mixtures by vibratory compaction	BS EN 12697-32:2019	A
	Laboratory mixing	BS EN 12697-35:2016	A
	Resistance to permanent deformation - unconfined dynamic loading (RLAT)	BS DD 226:1996	A
	Resistance to permanent deformation - unconfined dynamic loading under vacuum (VRLAT)	BS DD 226:1996 modified in accordance with TRL PA 3287/97	A
CONCRETE - hardened	Compressive strength of cores – including curing, shape and dimensions	BS EN 12390-3:2019 BS EN 12390-2:2019 BS EN 12390-1:2021	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
	Taking cores	BS EN 12504-1:2019	Site
PAVED SURFACES	Pavement surface macrotexture depth using a volumetric patch technique	BS EN 13036-1:2010	Site
	Slip/skid resistance of a surface - the pendulum test	BS EN 13036-4:2011	Site
	Sampling of pavement materials - core cutting method	BS EN 12697-27:2017 BS EN 12504-1:2019	Site



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PAVED SURFACES (cont'd)	Core Logging	Documented In-house Method: C14, Issue 11 (03/05/22)	A
SOILS for civil engineering purposes	Dynamic cone penetrometer	Documented in-house method S3, Issue 6 (05/05/22)	Site
END			