Schedule of Accreditation

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Accredited to ISO/IEC 17025:2017

The University of Nottingham t/a Nottingham Transportation Engineering Centre (NTEC)

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Testing performed at the above address only

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
BITUMINOUS MATERIALS	Needle penetration - 25°C	BS EN 1426:2024 EN 1426:2015 BS 2000-49:2015 IP 49-2015 ASTM D 5-19a
	Softening point - ring and ball method - 30°C to 150°C	BS EN 1427:2015 EN 1427:2015 BS 2000-58:2015 IP 58-2015 ASTM D 36-14
	Fraass breaking point	BS EN 12593:2015 EN 12593:2015 BS 2000-80:2015 IP 80-2015
	Resistance to hardening under the influence of heat and air - RTFOT method	BS EN 12607-1:2024 EN 12607-1:2014 BS 2000-460.1:2014 IP 460.1-2014 ASTM D 2872-19
	Viscosity using a rotating spindle apparatus	BS EN 13302:2018 EN 13302:2018 BS 2000-505:2010 IP 505-2004 ASTM D 4402-15
	Flash and fire points - Cleveland open cup method	BS EN ISO 2592:2017 EN ISO 2592:2017 ISO 2592:2000 BS 2000-36:2002 IP 36-2002 ASTM D 92-18

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
BITUMINOUS MATERIALS (cont'd)	Accelerated long-term ageing - pressure ageing vessel (PAV)	BS EN 14769:2023 EN 14769:2023 IP 535-2012HAPAS SG4 Draft 1.0 : October 1997
	Complex shear modulus and phase angle - dynamic shear rheometer (DSR) method	BS EN 14770:2023 EN 14770:2023 IP 536-2012 IP PM CM/02Specification for Highway Works, Clause 956 : August 2008
BITUMINOUS MIXTURES for roads and other paved areas	Maximum density - volumetric procedure	BS EN 12697-5:2018 EN 12697-5:2018
	Bulk density - dry - saturated surface dry (SSD) - sealed specimen - by dimensions	BS EN 12697-6:2020 EN 12697-6:2020
	Air voids content	BS EN 12697-8:2018 EN 12697-8:2018
	Wheel tracking using a small size device and procedure A	BS EN 12697-22:2020+A1:2023 EN 12697-22:2020+A1:2023
	Wheel tracking using a small size device and procedure B in air	BS EN 12697-22:2020+A1:2023 EN 12697-22:2020+A1:2023
	Specimen prepared by roller compactor	BS EN 12697-33:2019 EN 12697-33:2019 BBA Guidelines Document for the Assessment and Certification of Thin Surfacing Systems for Highways : May 2008
	Laboratory mixing	BS EN 12697-35:2016 EN 12697-35:2016
END		