Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

0920

Accredited to ISO/IEC 17025:2017

Norse Eastern Limited trading as Norse Highways Operating as Norfolk Partnership Laboratory

Issue No: 054 **Issue date:** 24 June 2026

Norse Eastern Ltd
280 Fifers Lane
Norwich
Norfolk
NR6 6EQ

Contact: Mr J Elliott
Tel: +44 01603 578 389
E-Mail: civil.laboratory@norsegroup.co.uk

Testing performed by the Organisation at the locations specified below

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details		Activity	Location code
Address County Hall Martineau Lane Norwich Norfolk NR1 2SG	**Local contact** Mr J Elliot	Testing: Aggregates - physical tests Bituminous Materials - physical tests Bituminous Mixtures - physical tests Concrete - mechanical, physical & Salt - physical & chemical tests Soils - mechanical & physical tests	Laboratory

Site activities performed away from the locations listed above:

Location details		Activity	Location code
Address All locations suitable for the activities listed	**Local contact** Mr J Elliot	Sampling: Bituminous mixtures Concrete (hardened). Testing: Concrete (hardened & reinforced) - chemical & non-destructive tests Road Pavement Surfaces - physical tests Soils - physical tests Stabilized Materials - physical tests	Site

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	Laboratory
	Particle shape - flakiness index	BS EN 933-3:2012	Laboratory
	Resistance to fragmentation by the Los Angeles Method	EN 1097-2:2020	Laboratory
	Magnesium sulfate test	BS EN 1367-2:2009	Laboratory
	Uniformity coefficient	Specification for Highway Works table 6/1 footnote 5	Laboratory
BITUMINOUS MATERIALS	Needle penetration - 25°C	BS EN 1426:2024	Laboratory
	Softening point - ring and ball method	BS EN 1427:2015	Laboratory
BITUMINOUS MIXTURES for roads and other paved areas	Soluble binder content by recovery, using bottle rotation machine, bucket centrifuge type 1 and volume calculation	BS EN 12697-1:2020	Laboratory
	Particle size distribution	BS EN 12697-2:2024	Laboratory
	Determination of max density – procedure A volumetric	BS EN 12697-5:2018	Laboratory
	Determination of bulk density – procedure A – dry, – procedure B – SSD – procedure C – sealed specimen	BS EN 12697-6:2020	Laboratory
	Determination of void characteristics	BS EN 12697-8:2018	Laboratory
	Specimen preparation by Vibratory Compactor	BS EN 12697-32:2019	Laboratory

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
CONCRETE - hardened	Compressive strength of cubes - including curing	BS EN 12390-3:2019 BS EN 12390-1:2021 BS EN 12390-2:2019	Laboratory
	Density	BS EN 12390-7:2019+AC:2020	Laboratory
	Cored specimens - examining and testing in compression	BS EN 12504-1:2019	Laboratory
	Concrete drilling for dust samples	BRE Information Paper IP 21/86	Site
	Carbonation	BS EN 14630:2006	Site
CONCRETE - reinforced	Location of reinforcement	BS 1881-204:1988	Site
	Half-cell potential of uncoated reinforcing steel in concrete	ASTM C876-22b	Site
	Half-cell potential of uncoated reinforcing steel in concrete	TRRL Applications Guide 9:1991	Site
	Resistivity of concrete	DIHP 7.9 [09/2023]	Site
REINSTATEMENT OF OPENINGS IN HIGHWAYS		Methods of test required for the assessment of conformity under the New Roads and Street Works Act (1991) (Specification for the Reinstatement of Openings in Highways)	
	Measurement of layer thickness of bituminous materials & Visual examination of bituminous core samples	BS EN 12697-36:2022	Laboratory or Site

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ROAD PAVEMENT SURFACES	Texture depth - by the sand-patch method	BS 598-105:2000	Site
	Sampling of finished material - core cutting method	BS EN 12697-27:2017	Site
	In-situ density - non-nuclear method	BS 594987: 2024 Annex I and DIHP9.4	Site
	In-situ density - nuclear method	BS 594987: 2024 Annex I and DIHP11	Site
SALT for spreading on highways for winter maintenance	Grading by sieve analysis	BS 3247:2011+A1:2016	Laboratory
	Moisture content	BS 3247:2011+A1:2016	Laboratory
	Matter insoluble in water	BS 3247:2011+A1:2016	Laboratory
	Chloride content	BS 3247:2011+A1:2016	Laboratory
	Soluble sulphate compounds	BS 3247:2011+A1:2016	Laboratory
SOILS for civil engineering purposes	Water content - oven drying method	BS 1377-2:2022	Laboratory
	Liquid limit - cone penetrometer (definitive method)	BS 1377-2:2022	Laboratory
	Liquid limit - one point cone penetrometer	BS 1377- 2:2022	Laboratory
	Plastic limit	BS 1377-2:2022	Laboratory
	Plasticity index and liquidity index	BS 1377-2:2022	Laboratory
	Particle size distribution - wet sieving	BS 1377-2:2022	Laboratory

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)	Particle size distribution - dry sieving	BS 1377-2:2022	Laboratory
	Particle size distribution - sedimentation - pipette method	BS 1377-2:2022	Laboratory
	Dry density/water content relationship (2.5 kg rammer)	BS 1377-2:2022	Laboratory
	Dry density/water content relationship (4.5 kg rammer)	BS 1377-2:2022	Laboratory
	Dry density/water content relationship (vibrating hammer)	BS 1377-2:2022	Laboratory
	California Bearing Ratio (CBR)	BS 1377-2:2022	Laboratory
	Measurement of swelling of soaked CBR specimen	BS 1377-2:2022	Laboratory
	Uniformity coefficient	Specification for Highway Works table 6/1 footnote 5	Laboratory
	In-situ bulk density - nuclear method - compliance test	BS1377-9:2025	Site
	Plate bearing - Incremental loading	BS1377-9:2025	Site
	Calculation of nominal CBR value using the plate bearing test	DMRB, IAN 73/06 Design of Pavement Foundations, Rev 1: 2009	Site

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	Water content	BS ISO 17892-1:2014 +A1 2022	Laboratory
	Determination of particle size distribution -sieving method	BS EN ISO 17892-4:2016	Laboratory
	Determination of particle size distribution -pipette method	BS EN ISO 17892-4:2016	Laboratory
	Determination of liquid limit by the fall cone method	BS EN ISO 17892-12: 2018 +A2:2022	Laboratory
	Determination of liquid limit by the fall cone method one point	BS EN ISO 17892-12: 2018 +A2:2022	Laboratory
	Determination of plastic limit	BS EN ISO 17892-12: 2018 +A2:2022	Laboratory
	Plasticity Index and Liquidity Index	BS EN ISO 17892-12: 2018 +A2:2022	Laboratory
HYDRAULICALLY BOUND and STABILIZED MATERIALS for civil engineering purposes	In-situ Density – Nuclear Moisture / Density Gauge (NDM) – compliance	BS 1924-2:2018	Site
	Determination of compressive strength of hydraulically bound mixtures – including curing	BS EN 13286-41:2021	Laboratory
END			