


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>0977</b>  Accredited to <b>ISO/IEC 17025:2017</b>	<b>The Highland Council</b>	
	Issue No: 037    Issue date: 03 November 2020	
	<b>Materials Testing Laboratory</b> Diriebught Road Inverness IV2 3QN	<b>Contact: Mr Dominic Thompson</b> Tel: +44 (0)1463 644205 E-Mail: dominic.thompson@highland.gov.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
<b>Address</b> Materials Testing Laboratory Diriebught Road Inverness IV2 3QN  <b>Local contact</b> Mr D Thompson Tel: +44 (0)1463 644205	Aggregates, Bituminous Emulsions, Bituminous Mixtures, Concrete, Salt & Soils	A

#### Site activities performed away from the locations listed above:

Location details	Activity	Location code
All locations suitable for the activities listed		
<b>Address</b> Materials Testing Laboratory Diriebught Road Inverness IV2 3QN  <b>Local contact</b> Mr D Thompson Tel: +44 (0)1463 644205	Aggregates, Bituminous Mixtures, Concrete & Soils Site sampling and testing	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	Reduction of laboratory samples - by quartering - using a riffle box	BS EN 932-2:1999	A,B
	Sampling aggregates - from stockpiles	BS EN 932-1:1997	B
	Particle size distribution- washing and sieving	BS EN 933-1:2012	A
	Flakiness index	BS EN 933-3:2012	A
BITUMEN ROAD EMULSIONS (ANIONIC and CATIONIC)	Viscosity (Redwood No II)	BS EN 16345:2012	A
	Water content - azeotropic distillation method	BS EN 1428:2012	A
BITUMINOUS MATERIALS	Preparation of test samples (bitumen and bituminous binders)	BS EN 12594:2014	A
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	A
	Particle size distribution	BS EN 12697-2:2015+A1:2019	A
	Measurements of temperature - of laid material	BS 12697-13:2017	B
	Water content	BS EN 12697-14:2020	A
	Sampling of laid and compacted materials by coring	BS EN 12697-27:2017	B
	Sampling from the material around the augers of the paver.	BS EN 12697-27:2017	B



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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)	Preparation of samples for the determination of binder content, water content and grading	BS EN 12697-28:2020	A, B
CONCRETE - fresh	Sampling fresh concrete on site - composite sample - spot sample	BS EN 12350-1:2019	B
	Slump	BS EN 12350-2:2019	B
	Making cubic specimens for strength tests	BS EN 12390-2:2019	A, B
CONCRETE - hardened	Compressive strength of cubes - including curing	BS EN 12390-3:2019 BS EN 12390-2:2019	A
	Shape, dimensions	BS EN 12390-1:2012	A
	Density	BS EN 12390-7:2019	A
	Taking Cores	BS EN 12504-1:2019	B
	Cored specimens – examining and testing in compression	BS EN 12504-1:2019	A
GEOTECHNICAL INVESTIGATION and TESTING - Laboratory testing of soil	Water content	BS EN ISO 17892-1:2014	A
	Particle Size Distribution, sieving method	BS EN ISO 17892-4:2016	A
SALT for spreading on highways for winter maintenance	Matter insoluble in water	BS 3247:2011	A
	Chloride content	BS 3247:2011	A
	Soluble sulphate compounds	BS 3247:2011	A
	Moisture content	BS 3247:2011	A
	Grading by sieve analysis	BS 3247:2011	A



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SOILS for civil engineering purposes	Moisture content - oven drying method	BS 1377- 2:1990	A
	Particle size distribution - wet sieving	BS 1377- 2:1990	A
	Particle size distribution - dry sieving	BS 1377- 2:1990	A
	pH value	BS 1377- 3:2018	A
	Dry density/moisture content relationship (2.5 kg rammer)	BS 1377- 4:1990	A
	Dry density/moisture content relationship (4.5 kg rammer)	BS 1377- 4:1990	A
	Dry density/moisture content relationship (vibrating hammer)	BS 1377- 4:1990	A
	In-situ density - sand replacement method (large pouring cylinder)	BS 1377- 9:1990	B
	Uniformity coefficient	BS 6100:Subsection 2.2.1:1992 (withdrawn)	A
	Moisture condition value	SDD Tech Memo SH7/83. SDD Appls Guide No 1 (Rev 1989)	A, B
	Moisture condition value	TRL 273	A, B
ROAD PAVEMENT SURFACES	Texture depth by the sand-patch method	BS 598- 105:2000 (withdrawn)	B
	Measurement of macro texture depth by the volumetric-patch method	BS EN 13036-1:2010	B
<b>END</b>			