



ISO 17025  
ACCREDITED  
TESTING  
No 012

# MCCAA-SMI-Laboratory Services

## Scope of Accreditation

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### ACCREDITATION INFORMATION - TESTING LABORATORY

<b>Accreditation No.</b>	012
<b>Accreditation Certificate No.</b>	012/9
<b>Accredited according to</b>	EN ISO/IEC 17025:2005
<b>Accreditation Scope No.</b>	S012/9
<b>Date of issue of this Scope</b>	Tuesday, 21 August 2018

### SCOPE OF ACCREDITATION

Issue No: S012/9

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### TESTING LABORATORY

#### Laboratory Locations

Location Details	Activity	Location Code
<b>Address</b> F22, Mosta Technopark, Mosta MST 3000, Malta	Testing of Construction Products	A

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

Location Details	Activity	Location Code
Location indicated by Customer	Sampling, Road Markings and other tests as specified	B

NAB-Malta is a signatory for the EA MLA in testing, calibration and inspection

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## Scope of Accreditation

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Material/ Product/ Matrix Tested/ Calibrated	Type of test/ calibration and/or property measured, range of measurement	Standard Specifications/ In-House Methods/ Equipment/ Techniques	Loc. code
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### Construction Material Testing

Earthworks materials	Sampling from stockpiles	In-house procedure SM062, BS 1377-1:2016	B
Soils and Granular	Optimum Dry Density - Moisture content 2.5/4.5kgs	BS 1377-4:1990	A
Soils and Granular	Determining the deformation and strength characteristics of soil by the plate loading test (In-situ Plate Bearing)	DIN 18134:2012	B
Soils and Granular	Particle size distribution by Wet Sieving	BS 1377-2:1990	A
Soils and Granular	Particle size distribution by Dry Sieving	BS 1377-2:1990	A
Soils and Granular	Moisture Content Oven dried method	BS 1377-2:1990	A
Aggregates	10% Fines	BS 812-111:1990	A
Aggregates	ACV	BS 812-110:1990	A
Aggregates	Reducing Laboratory Samples	EN 932-2:1999	A



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Aggregates	Sampling Stockpiles	EN 932-1:1997	B
Aggregates	Particle size - Sieving method	EN 933-1:2012	A
Aggregates	Particle shape - Flakiness	EN 933-3:2012	A
Aggregates	Water content	EN 1097-5:2008	A
Aggregates	Resistance to fragmentation (Los Angeles)	EN 1097-2:2010	A
Bituminous mixtures	Soluble binder content using procedure B 1.5	EN 12697- 1 :2012	A
Bituminous mixtures	Determination of particle size distribution	EN 12697- 2:2015, ASTM D5444 - 15	A
Bituminous mixtures	Determination of the maximum density	EN 12697- 5:2009	A
Bituminous mixtures	Determination of bulk density using procedure B	EN 12697- 6:2012	A
Bituminous mixtures	Determination of voids characteristics of bituminous specimens	EN 12697- 8:2003	A
Bituminous mixtures	Temperature measurement	EN 12697-13:2017	B



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Material/ Product/ Matrix Tested/ Calibrated	Type of test/ calibration and/or property measured, range of measurment	Standard Specifications/ In- House Methods/ Equipment/ Techniques	Loc. code
Bituminous mixtures	Determination of the dimensions of a bituminous specimen	EN 12697-29:2002	A
Bituminous mixtures	Marshall test	EN 12697-34:2012	A
Bituminous mixtures	Sampling of bituminous mixtures from around augers of paver	EN 12697-27:2017	B
Bituminous mixtures	Specimen preparation by impact compactor	EN 12697-30:2012	A
Bituminous mixtures	Sampling of bituminous mixtures by coring	EN 12697-27:2017	B
Bitumen and bituminous binders	Penetration Needle	EN 1426:2015	A
Bitumen and bituminous binders	Preparation of test samples	EN 12594:2014	A
Bitumen and bituminous binders	Bitumen and bituminous binders. Determination of particle polarity of bituminous emulsions	EN 1430:2009	A
Bituminous mixtures	Preparation of samples for determining binder content, water content and grading.	EN 12697-28:2001	A
Hardened Concrete	Shape, dimensions and other requirements of specimens and moulds	EN 12390-1:2012	A



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Material/ Product/ Matrix Tested/ Calibrated	Type of test/ calibration and/or property measured, range of measurement	Standard Specifications/ In-House Methods/ Equipment/ Techniques	Loc. code
Hardened Concrete	Making and curing of concrete cubes	EN 12390-2:2009	A
Hardened Concrete	Compressive strength testing of test specimens	EN 12390-3:2009	A
Hardened Concrete	Determination of density of concrete cubes	EN 12390-7:2009	A
Fresh Concrete	Sampling of fresh concrete	EN 12350-1:2009	B
Fresh Concrete	Making test cubes	EN 12350-2:2009	B
Fresh Concrete	Slump testing of fresh concrete	EN 12350-2:2009	B
Road marking materials	Road marking performance for road users - Retroreflectivity	EN 1436:2018 and RSMA Standard Specification 2009 - Annex Z	B
Road marking materials	Road marking performance for road users - Luminance	EN 1436:2018 and RSMA Standard Specification 2009 - Annex X	B
Road marking materials	Road marking performance for road users - Dry Film Thickness	In-house procedure SM061	B
Roads	Travelling Beam for Longitudinal and Transverse Regularity	In-house procedure SM060	B



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### END OF SCOPE

This scope of accreditation may be revised from time to time by NAB-MALTA. To obtain an up-to-date scope contact NAB-MALTA on +356 23952510 ([info@nabmalta.org.mt](mailto:info@nabmalta.org.mt)).



# NAB-MALTA

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