



Accredited to LST EN ISO/IEC 17025:2018

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**SCOPE OF ACCREDITATION
(flexible)***

Materials or products tested	Component, parameter or characteristic to be tested	Reference number of the document specifying test methods, clause	Techniques, methods and/or equipment used
Bitumen and bituminous binders	Sampling	LST EN 58 ch. 8, 8.1.4, 8.3	Sampling using permanently installed systems 8.1.4 sampling valve in delivery pipes; 8.3 Sampling from spraying equipment
	Preparation of samples	LST EN 12594 ch. 7.1	Sample homogenization
	Penetration	LST EN 1426	Needle penetration test
	Softening point	LST EN 1427	Ring and ball method
Bituminous mixtures and road surface	Sampling	LST EN 12697-27 ch. 4.1, 4.3, 4.7	Methods of sampling of bituminous mixtures for roads and other paved areas in order to determine their physical properties and composition
	Preparation of samples for determining binder content, water content and grading	LST EN 12697-28	Examination, pretreatment, sample reduction by quartering
	Specimen preparation by impact compactor	LST EN 12697-30	Impact compaction method
	Soluble binder content	LST EN 12697-1 ch. 5.4	Differential method
	Maximum density	LST EN 12697-5 ch. 9.2	Volumetric method
	Bulk density	LST EN 12697-6 ch. 9.3	Saturated surface dry (SSD)
	Void characteristics	LST EN 12697-8	Calculation method
	Particle size distribution	LST EN 12697-2 +A1	Sieving method
	Marshall test	LST EN 12697-34	Determining stability, flow and Marshall coefficient values

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	Laboratory mixing of mixtures	LST EN 12697-35 (excluding annexes A and B)	Mixing method
	Thickness of bituminous pavement	LST EN 12697-36	Destructive measurement
	Dimensions of a specimen	LST EN 12697-29	Measurement using a caliper
Soils, mineral materials and their mixtures Sand and gravel	Sampling	LST 1971	Sampling from road structure without binders
	Sampling	LST EN 932-1 ch. 8.8, 9.3	Methods for single or aggregate sample composition, division and reduction
	Sample reduction	LST EN 932-2 ch. 8, 10	Quartering, divider and fractional shovelling methods
	Particle size distribution	LST EN 933-1	Sieving method
Soils, mineral materials and their mixtures Broken stone	Sampling	LST 1971	Sampling from road structure without binders
	Sampling	LST EN 932-1 ch. 8.8, 9.3	Methods for single or aggregate sample composition, division and reduction
	Sample reduction	LST EN 932-2 ch. 8, 10	Quartering, divider and fractional shovelling methods
	Particle size distribution	LST EN 933-1	Sieving method
	Shape index	LST EN 933-4 ch.7.2	Measurement using a caliper
	Density, dry bulk density, compactness and porosity	LST 1361.7 ch. 7	Pyknometer method
	Particle density and water absorption	LST EN 1097-6 ch. 8, A, ch. A.4	Pyknometer method
	Percentage of crushed particles	LST EN 933-5	Visual and weighing method
Soils for road construction Road embankment	Bearing capacity	LST 1360-5	Determining the deformation modulus of a structure by 300 mm plate static loading test

Materials or products tested	Component, parameter or characteristic to be tested	Reference number of the document specifying test methods, clause	Techniques, methods and/or equipment used
	Bearing capacity	Instruction for the determination of the dynamic deformation modulus E _{vd} of road base and sub-base with the light – weight deflectometer	Determining dynamic deformation modulus by falling weight deflectometer

*Defined and applicable for the whole accreditation scope of flexibility:
- application of the updated documents of test methods already covered by accreditation or replacing them.

Actual scope of accreditation is published on the website: www.fegda.lt

Director

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Note. In case of any discrepancies, ambiguities or disputes regarding the subject matter content between the English and Lithuanian versions of the document, the Lithuanian version shall prevail.