Hellenic Accreditation System

Annex F1/18 to the Certificate No. **796**-4

SCOPE of ACCREDITATION

of the

Testing Laboratory of "**BITULAB Ltd"**

Materials/ Products to be tested	Types of test/ Properties to be measured	Applied Standards/ Techniques to be used
Mechanical tests		
Hardened Concrete	Testing hardened concrete – Part 3: Compressive strength of test specimens(15cm x 15cm x 15cm)	ELOT EN 12390.03:2019
Bituminous Mixtures	1.Bituminous mixtures - Test methods – Part 34: Marshall test	EN 12697-34:2020
	2.Test methods for hot mix asphalt – Part 12: Determination of the water sensitivity of bituminous specimen	EN 12697-12:2018 (Method A)
	3.Test methods– Part 23: Determination of indirect tensile strength of bituminous specimen	EN 12697-23:2017 (Specimen with diameter 100±3 mm)
	4.Test methods for hot mix asphalt – Part 30: Specimen preparation by impact compactor	EN 12697-30:2018
Physical tests		
Aggregates	1.Tests for geometrical properties of aggregates - Part 1: Determination of particle size distribution - Sieving method	EN 933-1:2012
	2.Tests for geometrical properties of aggregates - Part 8: Assessment of fines - Sand equivalent test	EN 933-8: 2012+A1:2015
	3.Unbound and hydraulically bound mixtures – Part 2: Test methods for laboratory reference density and water content –	EN 13286-2:2010/AC:2012

Materials/ Products to be tested	Types of test/ Properties to be measured	Applied Standards/ Techniques to be used
	Proctor compaction	
Aggregates and Soils	1.Determination of on-site soil density by the method of sand and the help of the cone	National Specification E106:1986, Test 2
	2.Standard method for liquid limit	National Specification E105:1986, Test 5
	3.Standard method for plastic limit and plasticity index	National Specification E105: 1986, Test 6
Bituminous Mixtures	1.Test methods – Part 2: Determination of particle size distribution	EN 12697-2:2015+A1:2019
	2.Test methods for hot mix asphalt – Part 5: Determination of maximum density	EN 12697-5:2018 Procedure A: Volumetric Procedure
	3.Bituminous mixtures - Test methods – Part 6: Determination of bulk density of bituminous specimens	EN 12697-6:2020
	4.Bituminous mixtures - Test methods - Part 8: Determination of void characteristics of bituminous specimens	EN 12697-8:2018
	5.Test methods for hot mix asphalt – Part 28: Preparation of samples for determining binder content, water content and grading	EN 12697-28:2020
	6.Bituminous mixtures - Test methods – Part 29: Determination of the dimensions of a bituminous specimen	EN 12697-29:2020
Chemical tests		
Bituminous Mixtures	Test methods for hot mix asphalt – Part 1: Soluble Binder Content (Centrifuge extractor method)	EN 12697-1: 2020 (ANNEX B § B.1.5 & § B.2.1)
Sampling		
Bituminous Mixtures	Test methods– Part 27: Sampling	EN 12697-27:2017 § 4.3 - 4.8

Site of assessment: **Permanent premises, Aravissos, 58100, Giannitsa, Greece**
Approved signatory: **Ch. Triantafillidis**

This Scope of Accreditation replaces the previous one dated 17.01.2025.
The validation of the Accreditation Certificate No. **796**-4 to ELOT EN ISO/IEC 17025:2017 is valid until 18.03.2029.

Athens, 10.03.2025

Konstantinou Evangelos Apostolos
CEO of ESYD