Hellenic Accreditation System

Annex F1/20 to the Certificate No. **509**-7

SCOPE of ACCREDITATION

of the

Testing Laboratory

of the

Department of Materials Quality and Public Works' Control of Thessaly

of the

Directorate of Technical Control

of the

Decentralised Government of Thessaly - Central Greece

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Mechanical tests		
Concrete	1.Testing hardened concrete – Part 3: Compressive strength of test specimens	ΕΛΟΤ EN 12390-3:2019
	2.Testing concrete in structures Part 1 : Cored specimens Taking, examining and testing in compression	EN 12504-1 : 2019/AC:2020 Concrete Technology Regulation (CTR 2016)
Aggregates	Tests for mechanical and physical properties – Part 2: Methods for the determination of resistance to fragmentation (Los Angeles test)	ΕΛΟΤ EN 1097-2:2020
Bituminous mixtures	Bituminous mixtures - Test methods for hot mix asphalt - Part 34: Marshall test	EN 12697-34:2020
	Test methods for hot mix asphalt – Part 30: Specimen preparation by impact compactor	EN 12697-30:2018
Physical and physicochemical tests		
Aggregates of bituminous mixtures	Test methods for hot mix asphalt – Part 2: Determination of particle size distribution	EN 12697-2:2024
Aggregates	1.Tests for geometrical properties – Part 1: Determination of particle size distribution – Sieving method	ΕΛΟΤ EN 933-1 : 2012

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Aggregates	2. Test for geometrical properties – Part 8: Assessment of fines. Sand equivalent test	ΕΛΟΤ EN 933-8: 2012 + A1:2015
	3.Sand Equivalent Test of Soils and Fine Aggregates	ASTM D2419-2022
	4.Tests for mechanical and physical properties of aggregates - Part 6: Determination of particle density and water absorption Parag. 9 Pyknometer method for aggregate particles passing the 4 mm test sieve and retained on the 0,063 mm test sieve	ΕΛΟΤ EN 1097-06: 2022
	5.Tests for geometrical properties of aggregates – Part 9 : Assessment of fines – Methylene blue test	EN 933-9:2022
Aggregates and Soils	1.Determining the Liquid Limit of Soils	AASHTO T 89-2022
	2.Determining the Plastic Limit and Plasticity Index of Soils	AASHTO T 90-2022
	3.Standard method for liquid limit, plastic limit and plasticity index	National Specification E 105: 1986, Tests 5 & 6
Bituminous mixtures	1.Bituminous mixtures – Test methods – Part 6: Determination of bulk density of bituminous specimens Procedure A:Bulk density – dry Procedure B: Bulk Density – Saturated surface dry (SSD)	EN 12697-6:2020
	2.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 (Extraction method)	EN 12697-1:2020

Site of assessment: **Laboratory permanent premises, 28 Tsamadou and Kodringtonos str., 383 34 Volos, Greece.**
Approved signatories: **Georgios Lekarakos**

This Scope of Accreditation replaces the previous one dated 18.12.2025.
The Accreditation Certificate No. **509**-7, to ELOT EN ISO/IEC 17025: 2017, is valid until 08.12.2030.

Athens, 09.12.2025

Konstantinou Evangelos Apostolos
CEO of ESYD