Hellenic Accreditation System

Annex F1/6 to the Certificate No. **1231-**3

SCOPE of ACCREDITATION

of the

Testing Laboratory

of the

G. GKRINTZOS CIVIL WORKS CONSULTANTS IKE
G. GKRINTZOS CWC

Materials/Products tested	Types of test/Properties measured	Applied methods/Techniques used
Physical & Chemical Tests		
Hardened concrete	1. Testing hardened concrete - Part 2: Making and curing specimens (15cm x 15cm x 15cm) for strength tests	ELOT EN 12390-2:2019
Freshly mixed Concrete	1. Testing fresh concrete – Part 2: Slump test	ELOT EN 12350-2:2019
	2. Testing fresh concrete – Part 7: Air content – Pressure Methods	ELOT EN 12350-7:2019, § 6
Aggregates	1. Tests for geometrical properties of aggregates – Part 1: Determination of particle size distribution – Sieving Method	ELOT EN 933-1:2012
	2. Tests for geometrical properties of aggregates – Part 8: Assessment of fines – Sand equivalent test	ELOT EN 933-8:2012 + A1:2015
Soils	1. Standard Test Method for Density and Unit Weight of Soil in Place by Sand-Cone Method	ASTM D1556/D1556M-24
	2. Standard Test Methods for In-Place Density and Water Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	ASTM D6938-2023
Bituminous mixtures	1. Bituminous mixtures - Test methods - Part 1: Soluble binder content	ELOT EN 12697-1:2020
	2. Bituminous mixtures - Test methods - Part 2: Determination of particle size distribution	ELOT EN 12697-2:2015 +A1:2019
	3. Bituminous mixtures - Test methods - Part 5: Determination of the maximum density	ELOT EN 12697-5:2019
	4. Bituminous mixtures - Test methods - Part 6: Determination of bulk density of bituminous specimens	ELOT EN 12697-6:2020

Materials/Products tested	Types of test/Properties measured	Applied methods/Techniques used
Mechanical Tests		
Hardened concrete	1. Testing concrete in structures – Part 1: Cored specimens – Taking, examining, and testing in compression	ELOT EN 12504-1:2019 + AC:2020
	2. Testing hardened concrete – Part 3: Compressive strength of test specimens	ELOT EN 12390-3:2019
Aggregates	1. Tests for mechanical and physical properties of aggregates - Part 2: Methods for the determination of resistance to fragmentation, Los Angeles test	ELOT EN 1097-2:2020
Bituminous mixtures	1. Bituminous mixtures - Test methods - Part 30: Specimen preparation by impact compactor	ELOT EN 12697-30:2019
	2. Bituminous mixtures - Test methods - Part 34: Marshall test	ELOT EN 12697-34:2020
	3. Road marking materials-Road marking performance for road users and test methods	ELOT EN 1436:2018
	4. Road and airfield surface characteristics - Test methods - Part 4: Method for measurement of slip/skid resistance of a surface: The pendulum test	ELOT EN 13036-4:2011

Site of assessment: **Permanent Premises, Dim. Chr. Beka 150 & Dimosthenous st., 19004 Spata, Attiki.**
Approved signatory: **G. Gkrintzos, K. Giannoukos.**

This scope of Accreditation replaces the previous one, dated 10.01.2025.
The Accreditation Certificate No.**1231**-3 to ELOT EN ISO/IEC 17025:2017, is valid until 13.01.2030.

Athens, 21.03.2025

Konstantinou Evangelos Apostolos
CEO of ESYD