Hellenic Accreditation System

Annex F1/3 to the Certificate No. **1361**

SCOPE of ACCREDITATION

of the

Testing Laboratory

GeoTerra Lab GP

Tested materials/ products	Types of test/ Properties to be measured	Applied Standards/ Techniques to be used
Physical and chemical testing		
1. Soils	1. Standard practice for dry preparation of soil samples for particle-size analysis and determination of soil constants	ASTM D421-85 (reapproved 2007) - withdrawn 2016*
	2. Laboratory determination of water (moisture) content of soil and rock by mass	ASTM D2216-19
	3. Particle-size analysis of soils	ASTM D422-63 (reapproved 2007) - withdrawn 2016*
	4. Determination of liquid limit, plastic limit, and plasticity index of soils	ASTM D4318-17e1
	5. Determination of specific gravity of soil solids by the water displacement method	ASTM D854-23
2. Aggregates	1. Determination of particle size distribution of aggregates - Sieving method	ELOT EN 933-1:2012
	2. Standard test method for sieve analysis of fine and coarse aggregates	ASTM C136/C136M-25
	3. Tests for mechanical and physical properties of aggregates - Determination of particle density and water absorption	ELOT EN 1097-6:2022
3. Natural Stones	1. Natural stone test methods - Determination of water absorption at atmospheric pressure	ELOT EN 13755:2009
Mechanical testing		
1. Soils	1. Determination of unconfined compressive strength of cohesive soil	ASTM D2166/D2166M-24
	2. One-dimensional consolidation properties of soils using incremental loading	ASTM D2435/D2435M-25

Tested materials/ products	Types of test/ Properties to be measured	Applied Standards/ Techniques to be used
2. Rock	1. Determination of the point load strength index of rock and application to rock strength classifications	ASTM D5731-16 (withdrawn 2025*)
3. Aggregates	1. Tests for mechanical and physical properties of aggregates - Determination of the resistance to wear (micro-Deval)	ELOT EN 1097-1:2024
	2. Tests for mechanical and physical properties of aggregates - Determination of the resistance to wear (micro-Deval) of railway ballast	ELOT EN 1097-1:2024 Annex A
	3. Tests for mechanical and physical properties of aggregates - Methods for the determination of resistance to fragmentation (Los Angeles)	ELOT EN 1097-2:2020
	4. Tests for mechanical and physical properties of aggregates - Determination of the polished stone value (PSV)	ELOT EN 1097-8:2020
	5. Tests for mechanical and physical properties of aggregates - Determination of the aggregate abrasion value (AAV)	ELOT EN 1097-8:2020 Annex A
4. Concrete	1. Testing concrete in structures - Cored specimens - Taking, examining and testing in compression	ELOT EN 12504-1:2020
	2. Compressive strength of test specimens of hardened concrete	ELOT EN 12390-3:2019
	3. Making and curing specimens of hardened concrete for strength tests	ΕΛΟΤ EN 12390-2:2019
5. Natural Stones	1. Natural stone test methods - Determination of uniaxial compressive strength	ELOT EN 1926:2007

*Withdrawn but remains in the scope as per laboratory's request.

Site of assessment: **Permanent laboratory premises, 12 Anthrakorychon Str., Nea Ionia, Attiki, Greece.**
Approved Signatories: **Tzivolias Efstratios, Vardavakis Emmanouil, Karamousalis Theodoros, Argyropoulou Christina.**

This scope of Accreditation replaces the previous one dated 13.11.2024.
The Accreditation Certificate No. **1361,** to ELOT EN ISO/IEC 17025:2017, is valid until 03.09.2028.

Athens, 09.03.2026

Konstantinou Evangelos Apostolos
Chairman of ESYD