Hellenic Accreditation System

Annex F1/6 to the Certificate No.**1269**-2

SCOPE of ACCREDITATION

of the

Testing Laboratory

of

‘’EDAFOMICHANIKI S.A. – Laboratory for Soil & Rock Mechanics – Aggregates – Bituminous Mixtures - Concrete.’’

Tested materials / Products	Types of test / Properties to be measured / Procedures	Applied Standards / Techniques to be used
Physical testing		
Soil - Rock	1. Determination of material finner than No200	E 105 – 86 § 8
	2. Determination of water content of rock sample	E 103 – 84 §1
	3. Determination of water content	EN 17892-1:2015
	4. Determination of bulk density (Immersion in fluid method)	EN 17892-2:2015
	5. Determination of particle density (Fluid pycnometer method)	EN 17892-3:2015
	6. Determination of liquid and plastic limit (Fall cone method)	EN 17892-12:2018/A2:2022
	7. Determination of particle size distribution (Sieving method & hydrometer method)	EN 17892-4:2016
Soil	Determination of the organic material of peat and other organic soils (Method A)	ASTM D2974:2025
Aggregates	1. Tests for geometrical properties of aggregates - Part 1: Determination of particle size distribution - Sieving method	EN 933-1:2012
	2. Determination of particle density and water absorption (Annexes A, B, D, F, H, I)	EN 1097-6:2022

Tested materials / Products	Types of test / Properties to be measured / Procedures	Applied Standards / Techniques to be used
Concrete	Testing hardened concrete - Part 2: Making and curing specimens for strength tests (cubic specimens 15cm x 15cm x15cm)	EN 12390.02:2019
	Mechanical testing	
Soil - Rock	1. Unconsolidated undrained triaxial test (UU)	EN 17892-8:2018
	2. Consolidated triaxial compression tests on water saturated soils (CUPP & CD)	EN 17892-9:2018
	3. Preparation of rock core as cylindrical test specimens and verifying conformance to dimensional and shape tolerance	ASTM D4543:2019
,	4. Compressive strength and elastic moduli of intact rock core specimens under varying states of stress and temperatures (Method C)	ASTM D7012:2023
	5. Determination of point load strength index of rock and application to rock strength classifications	ASTM D5731:2016* (Withdrawn 2025 no replacement)
	6. Direct shear tests on remoulded specimens (CD)	EN 17892-10:2018
	7. Determination of laboratory reference density and water content with rammer 2.5kg and 4.5kg (Proctor compaction)	EN 13286-2:2010
	8. Determination of california bearing ratio, immediate bearing index and linear swelling (CBR)	EN 13286-47:2021
	9. Incremental loading oedometer test	EN 17892-5:2017
	10. Unconfined compression test	EN 17892-7:2017

Tested materials / Products	Types of test / Properties to be measured / Procedures	Applied Standards / Techniques to be used
Aggregates	1. Tests for mechanical and physical properties of aggregates - Part 2: Methods for the determination of resistance to fragmentation (Los Angeles test)	EN 1097-2:2020
	2. Tests for geometrical properties of aggregates - Part 3: Determination of particle shape - Flakiness index	EN 933.03:2012
	3. Tests for geometrical properties of aggregates - Part 9: Assessment of fines - Methylene blue test	EN 933.09:2009 + A1: 2022
	4. Tests for geometrical properties of aggregates - Part 8: Assessment of fines - Sand equivalent test	EN 933.08:2012 + A1:2015
	5. Tests for thermal & weathering properties of aggregates / Magnesium sulfate test	EN 1367-2:2010
Hardened Concrete	Testing hardened concrete - Part 3: Compressive strength of test specimens (cube specimens 15cm x 15cm x15cm)	EN 12390.03:2019

* The standard has been withdrawn without replacement. It remains in the scope of accreditation at the laboratory's request

Site of assessment: **Permanent laboratory premises, 19 Emm. Papadaki Str, N. Iraklio, Athens, Greece**
Approved signatories: **A. Kollios, C. Tsiavos.**

This scope of Accreditation replaces the previous one, dated 10.10.2025.
The Accreditation Certificate No. **1269**-2 to ELOT EN ISO/IEC 17025:2017, has been renewed according to ESYD`s decision and it is valid until 12.10.2030.

Athens, 05.05.2026

Konstantinou Evangelos Apostolos
CEO of ESYD