



HELLENIC ACCREDITATION SYSTEM

ACCREDITATION CERTIFICATE

No. 1269-2

The Hellenic Accreditation System (ESYD), as the national accreditation body of Greece in accordance with the Law 4468/2017,

ACCREDITS

the
**Laboratory for Soil & Rock Mechanics – Aggregates –
Bituminous Mixtures - Concrete**

Of
EDAFOMICHANIKI S.A.

in
N. Iraklio, Athens, Greece

under the terms of the ELOT EN ISO/IEC 17025:2017 Standard, to carry out tests, as specified in the attached Scope of the Accreditation, which may be revised by ESYD.

The initial accreditation was issued on 13th of October 2021. This Certificate is valid until 12.10.2030, provided that the accredited body will comply with the above Standard and the ESYD Criteria.

Athens, 05.05.2026


Konstantinos Evangelos Apostolos
CEO of ESYD



ESYD is a signatory of the European co-operation for Accreditation (EA) Multilateral Agreement for the activities covered by this certificate.

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 finer 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 x 15cm)	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*
	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 x 15cm)	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