Hellenic Accreditation System

Annex F1/17 to the Certificate No. **663-**6

SCOPE of ACCREDITATION

of the

Testing Laboratory

of

TRYPSIANIS GRIGORIOS

Materials/ Products to be tested	Types of test/ Properties to be measured	Applied methods/ Techniques to be used
Physical Tests		
Hardened Concrete	Testing hardened concrete Part 2: Making and curing of test specimens (15cm x 15cm x 15cm) for strength tests	ELOT EN 12390-2: 2019
Aggregates	1.Tests for geometrical properties – Part 1: Determination of particle size distribution – Sieving method	ELOT EN 933.01:2012 ELOT EN 932.02:2000
	2.Test for geometrical properties – Part 3: Determination of particle shape – Flakiness index	ELOT EN 933.03:2012 ELOT EN 932.02:2000
	3.Test for geometrical properties – Part 4: Determination of particle shape – Shape index	ELOT EN 933.04:2008 ELOT EN 932.02:2000
	4.Test for geometrical properties – Part 8: Assessment of fines. Sand equivalent test.	ELOT EN 933.08:2012+A1:2015 ELOT EN 932.02:2000
	5.Test for mechanical and physical properties – Part 6: Determination of particle density and water absorption.	ELOT EN 1097.06:2013 ELOT EN 932.02:2000
	6.Tests for thermal and weathering properties – Part 2: Magnesium sulfate test (test of rock health).	ELOT EN 1367.02:2010 ELOT EN 13450:2003 (Παράρτημα C) ELOT EN 932.02:2000
Bituminous mixtures	1.Bituminous mixtures – Test methods for hot mix asphalt – Part 2: Determination of particle size distribution	ELOT EN 12697.02+A1:2019
	2.Bituminous mixtures – Test methods for hot mix asphalt – Part 5: Determination of the maximum density	ELOT EN 12697.05:2019
	3.Bituminous mixtures – Test methods for hot mix asphalt – Part 6: Determination of bulk density of bituminous specimens	ELOT EN 12697.06:2020

Materials/ Products to be tested	Types of test/ Properties to be measured	Applied methods/ Techniques to be used
Mechanical tests		
Aggregates	1.Tests for mechanical and physical properties of aggregates - Part 1: Determination of the resistance to wear (micro-Deval)	ELOT EN 1097.01:2011
	2.Tests for mechanical and physical properties – Part 2: Methods for the determination of resistance to fragmentation (Los Angeles test)	ELOT EN 1097.02:2020
Masonry units	Determination of compressive strength	ELOT EN 772.01:2011+A1:2015
Hardened Concrete	1.Testing hardened concrete – Part 3: Compressive strength of test specimens	ELOT EN 12390.03:2019
	2.Testing concrete in structures - Part 1: Cored specimens - Taking, examining and testing in compression	ELOT EN 12504.01:2020
Bituminous mixtures	1.Bituminous mixtures – Test methods for hot mix asphalt – Part 30: Specimen preparation by impact compactor	ELOT EN 12697.30:2019
	2.Bituminous mixtures – Test methods for hot mix asphalt – Part 34: Marshall test	ELOT EN 12697.34:2020
Chemical Tests		
Aggregates	Tests for geometrical properties of aggregates Part 9: Assessment of fines – Methylene blue test	ELOT EN 933.09:2009+A1:2013
Bituminous mixtures	Bituminous mixtures – Test methods for hot mix asphalt – Part 1: Soluble binder content	ELOT EN 12697.01:2020 (Annex B §B.1.5 & B.2.1)

Site of assessment: **Laboratory permanent premises, Sindos Industrial Area, Thessaloniki, Greece**
Approved signatories: **Gr**. **Tripsianis .**

This Scope of Accreditation replaces the previous one dated 08.07.2022.
The Accreditation Certificate No.**663**-6**,** to ELOT EN ISO/IEC 17025:2017, is valid until 22.03.2027.

Athens, 09.04.2024

Christos Nestoras
CEO of ESYD