



TURKISH ACCREDITATION AGENCY

ACCREDITATION CERTIFICATE

As a Testing Laboratory

**ZEMKA YAPI MALZEMELERİ ZEMİN ARAŞT.LAB.PROJE DAN.MÜŞ. VE MÜH.HİZ. İNŞAAT TAAH.
TİC.LTD.ŞTİ.**

Central Address: YURT MH.S.DEMİREL PEMBE KÖŞK AKGÜN AP. NO:75/A SEYHAN Adana / Türkiye

**The list of the branches operating under the same accreditation depending on the central address and the scope of these branches are given in the annexes.*

is accredited in accordance with TS EN ISO/IEC 17025:2017 standard within the scope given in Annex following the assessment conducted by TURKAK.

Accreditation Number : AB-0824-T

Accreditation Date : 17.03.2015

Revision Date / Number : 29.04.2024 / 11

This certificate shall remain in force until **27.06.2027**, subject to continuing compliance with the standard **TS EN ISO/IEC 17025:2017**, related regulations and requirements.

Gülden Banu Müderrisoğlu
Secretary General



Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Agreement (MRA) in the scope of ISO/IEC 17025.

This document has been signed by Gülden Banu Müderrisoğlu with a secure electronic signature in accordance with the electronic signature law numbered 5070. Use the QR code to verify the e-signed document.

 Test TS EN ISO/IEC 17025 AB-0824-T	ZEMKA YAPI MALZEMELERİ ZEMİN ARAŞT.LAB.PROJE DAN.MÜŞ. VE MÜH.HİZ. İNŞAAT TAAH. TİC.LTD.ŞTİ.	
	Accreditation Nr: AB-0824-T Revision Nr: 11 Date: 29.04.2024	
	Testing Laboratory	
Address : YURT M.H.S.DEMİREL PEMBE KÖŞK AKGÜN AP. NO:75/A SEYHAN Adana / Türkiye		Phone : +90 322 239 7929 Fax : Email : egedik@zemka.com.tr Website : www.zemka.com.tr

Construction Materials, Products and Buildings

Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Fresh Concrete	Slump Test	EN 12350-2
Fresh Concrete	Self-Compacting Concrete - Slump - Flow Test	EN 12350-8
Fresh Concrete	Determination of Density	EN 12350-6
Hardened Concrete (Cube)	Compressive Strength of Test Specimens	EN 12390-3
Hardened Concrete (Cylinder)	Compressive Strength of Test Specimens	EN 12390-3
Hardened Concrete (Core)	Compressive Strength of Test Specimens	EN 12390-3
Hardened Concrete	Taking, Examining and Testing in Compression	EN 12504-1
Reinforcement Steel	Tensile Testing (at Ambient Temperature at least 20 kN -most 600 kN)	EN ISO 6892-1
Hardened Concrete	Density of Hardened Concrete	EN 12390-7
Hardened Concrete	Depth of Penetration of Water Under Pressure	EN 12390-8
Reinforcement Steel	Tensile Testing - Determination of Upper Yield Strength	EN ISO 6892-1
Reinforcement Steel	Tensile Testing - Determination of Total Extension at the Moment of Breaking	EN ISO 6892-1
Reinforcement Steel	Tensile Testing (At Ambient Temperature minimum 20 kN - maximum 600 kN)	EN ISO 15630-1
Steel for the Reinforcement and Prestressing of Concrete - Reinforcing Bars, Wire Rod and Wire	Determination of Deviation from the Rated Mass for a Meter Length	EN ISO 15630-1
Reinforcement Steel	Tensile Testing- Percentage of Total Extension at Maximum Load	EN ISO 6892-1
Fresh Concrete	Sampling	EN 12350-1
Steel for the Reinforcement and Prestressing of Concrete - Reinforcing Bars, Wire Rod and Wire	Tensile Testing	EN ISO 15630-1
Aggregates	Determination of Resistance to Fragmentation with Los Angeles Test	EN 1097-2

Accreditation Scope

 Test TS EN ISO/IEC 17025 AB-0824-T	ZEMKA YAPI MALZEMELERİ ZEMİN ARAŞT.LAB.PROJE DAN.MÜŞ. VE MÜH.HİZ. İNŞAAT TAAH. TİC.LTD.ŞTİ. Accreditation Nr: AB-0824-T Revision Nr: 11 Date: 29.04.2024 Testing Laboratory Address : YURT MH.S.DEMİREL PEMBE KÖŞK AKGÜN AP. NO:75/A SEYHAN Adana / Türkiye Phone : +90 322 239 7929 Fax : - Email : egedik@zemka.com.tr Website : www.zemka.com.tr	
Aggregates	Determination of Loose Bulk Density and Voids of Aggregates	EN 1097-3
Aggregates	Determination of Particle Density and Water Absorption in Coarse Aggregate	EN 1097-6
Natural Stones	Determination of Uniaxial Compressive Strength	EN 1926
Soils-Field Tests	Determination of Density and Unit Weight of Soil in Place by Sand-Cone Method	TS 13872
Aggregates	Determination of Particle Density and Water Absorption in Fine Aggregate	EN 1097-6
Soils	Determination of Dry Unit Weight - Water Content Relationship on the Soil with a 2.5-kilogram Hammer (Standard Energy)	TS 1900-1
Soils	Determination of Particle Density (Fluid Pycnometer Method)	EN ISO 17892-3
Aggregates	Determination of Particle Size Distribution (Sieving Method)	EN 933-1
Soils	Determination of Particle Size Distribution (Sieving Method)	EN ISO 17892-4
Soils	Determination of Free (Uniaxial) Compressive Strength	TS EN ISO 17892-7
Soils	Determination of Water Content (Oven Drying)	TS EN ISO 17892-1
Soils	Determination of Plastic Limit	EN ISO 17892-12
Soils	Determination of Dry Unit Volume Mass - Water Content Relationship on the Soil with a 4.5-kilogram Hammer (High Energy)	TS 1900-1
Soils	Determination of Liquid Limit with Impact Device (Measurement with Four Point Method)	TS EN ISO 17892-12

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Construction Materials, Products and Buildings		
Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Fresh Concrete	Slump Test	EN 12350-2
Fresh Concrete	Determination of Density	EN 12350-6
Fresh Concrete	Determination of Air Content - Pressure Methods	EN 12350-7
Fresh Concrete	Self - Compacting Concrete - Slump - Flow Test	EN 12350-8
Fresh Concrete	Self-compacting Concrete - V Funnel Test	EN 12350-9
Fresh Concrete	Self-compacting Concrete - L Box Test	EN 12350-10
Fresh Concrete	Self-compacting Concrete – Sieve Segregation Test	EN 12350-11
Fresh Concrete	Self-compacting Concrete - J Ring Test	EN 12350-12
Hardened Concrete	Making and Curing Specimens for Strength Tests	EN 12390-2
Hardened Concrete (Cube)	Compressive Strength of Test Specimens	EN 12390-3
Hardened Concrete (Cylinder)	Compressive Strength of Test Specimens	EN 12390-3
Hardened Concrete (Core)	Compressive Strength of Test Specimens	EN 12390-3
Hardened Concrete (Core)	Density of Hardened Concrete	EN 12390-7
Hardened Concrete	Depth of Penetration of Water Under Pressure	EN 12390-8
Hardened Concrete	Non-destructive Testing - Determination of Rebound Number	EN 12504-2
Reinforcement Steel	Tensile Testing (At Ambient Temperature minimum 60 kN - maximum 1500 kN)	EN ISO 6892-1
Reinforcement Steel	Tensile Testing - Determination of Upper Yield Strength	EN ISO 6892-1
Reinforcement Steel	Tensile Testing - Percentage of Total Extension at Maximum Load	EN ISO 6892-1

Accreditation Scope

 Test TS EN ISO/IEC 17025 AB-0824-T	ZEMKA YAPI MALZEMELERİ ZEMİN ARAST.LAB.PROJE DAN.MÜS. VE MÜH.HIZ. INSAAT TAAH. TIC.LTD.STİ. - GÜLNAR ŞUBESİ Accreditation Nr: AB-0824-T Revision Nr: 11 Date: 29.04.2024 Testing Laboratory Address : BÜYÜKEÇELİ MAH.AKKUYU CAD. AKKUYU NÜKLEER SANTRALİ NO: 3 /1 IÇ KAPI NO: GÜLNAR/MERSİN Mersin/Türkiye Phone : +90 322 239 7929 Fax : Email : info@zemka.com.tr Website :	
Reinforcement Steel	Tensile Testing - Determination of Total Extension at the Moment of Breaking	EN 6892-1
Reinforcement Steel	Tensile Testing (At Ambient Temperature minimum 60 kN - maximum 1500 kN)	EN ISO 15630-1
Steel for the Reinforcement and Prestressing of Concrete - Reinforcing Bars, Wire Rod and Wire	Tensile Testing	EN ISO 15630-1
Steel for the Reinforcement and Prestressing of Concrete - Reinforcing Bars, Wire Rod and Wire	Determination of Deviation from the Rated Mass for a Meter Length	EN ISO 15630-1
Fresh Concrete	Sampling	EN 12350-1
Soils - Field Tests	Standard Test Method for Measuring Deflections using a Portable Impulse Plate Load Test Device	ASTM E 2835
Soils - Field Tests	Determination of Bearing Capacity of Soils in-Situ by plate Loading Test	TS 5744

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Products and Materials of Metals and Alloys		
Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Metallic Materials Metallic and Welded Materials	Bend Test	EN ISO 7438
Reinforcement bars, rope and wire	Bend Test	EN ISO 15630-1
Metallic and Welded Materials	Determination of the weld shear force of welded fabric	EN ISO 15630-2
Reinforcing bars, wire rod and wire	Rebend test	EN ISO 15630-1
Metallic and Welded Materials	Bend test	EN ISO 15630-2

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