

#### TURKISH ACCREDITATION AGENCY

## **ACCREDITATION CERTIFICATE**

As a Testing Laboratory

# YAPIRAY DEMİRYOLU İNŞAAT SİSTEMLERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ AFYON ŞUBESİ

Central Address: KISIKLI MAH. ALEMDAĞ CAD. MASALDAN İŞ MERKEZİ/E NO:60 E/5 ÜSKÜDAR İstanbul / Türkiye

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-0625-T

Accreditation Date: 01.04.2013

Revision Date / Number: 21.01.2023 / 07

This certificate shall remain in force until 18.07.2025, 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 on {1} with a secure electronic signature in accordance with the electronic signature law numbered 5070. Use the QR code to verify the e-signed document.

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#### Annex of the Certificate ( Page 1/2) Accreditation Scope



Concrete Sleepers and

Concrete Sleepers and

Bearers

Bearers

Measuring Dimensions

Static Rail Seat Positive Load Test

#### YAPIRAY DEMİRYOLU İNŞAAT SİSTEMLERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ AFYON ŞUBESİ

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Testing Laboratory

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EN 13230-1

EN 13230-2

Construction Materials, Products and Buildings			
Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)	
Fresh Concrete	Slump Test	TS EN 12350-2	
Fresh Concrete	Determination of Density	TS EN 12350-6	
Fresh Concrete	Determination of Air Content - Pressure Methods	TS EN 12350-7	
Hardened Concrete (Cube)	Compressive Strength of Test Specimens	TS EN 12390-3	
Hardened Concrete (Cylinder)	Compressive Strength of Test Specimens	TS EN 12390-3	
Aggregates	Determination of Particle Size Distribution (Sieving Method)	TS EN 933-1	
Aggregates	Determination of Loose Bulk Density and Voids of Aggregates	TS EN 1097-3	
Aggregates	Determination of Water Content (In ventilated Oven)	TS EN 1097-5	
Aggregates	Determination of Particle Density and Water Absorption in Coarse Aggregate	TS EN 1097-6	
Aggregates	Determination of Particle Density and Water Absorption in Fine Aggregate	TS EN 1097-6	
Aggregates	Assessment of Fines - Methylene Blue Test	TS EN 933-9	

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#### Annex of the Certificate ( Page 2/2) Accreditation Scope



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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 on Butt Welds of Rail	TS EN 14587-2	
Metallic Materials Metallic and Welded Materials	Slow bend test on Aluminothermic welds of rail	TS EN 14730-1	

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