

ACCREDITATION CERTIFICATE

As a Testing Laboratory

BEYKOZ GAYRİMENKUL YATIRIM İNŞAAT TURİZM SANAYİ VE TİCARET ANONİM ŞİRKETİ

Central Address: KÜÇÜKBAKKALKÖY MAH. KAYIŞDAĞI CAD. ALLIANZ PLAZA NO:1/21 ATAŞEHİR 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-1601-T

Accreditation Date: 01.04.2021

Revision Date / Number: 10.10.2022 / 02

This certificate shall remain in force until **30.03.2025**, 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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Accreditation Nr: AB-1601-T Revision Nr: 02 Date: 10.10.2022

5000 Ballistics and Explosives

Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)	
Environmental Tests / Vibration, Transport and Earthquake - Non- structural equipment, components and other devices	Environmental testing - Part 2-6: Tests - Test Fc: Vibration (sinusoidal)	EN 60068-2-6 (Frequency Range 1 Hz - 150 Hz)	
Environmental Tests / Vibration and Earthquake - Non-structural equipment, components and other devices	Environmental testing - Part 3-3: Supporting documentation and guidance - Seismic test methods for equipment	EN IEC 60068-3-3	
Environmental Tests / Vibration and Earthquake - Non-structural equipment, components and other devices	Environmental testing - Part 2-57: Tests - Test Ff: Vibration - Time-history and sine-beat method	EN 60068-2-57 (Frequency Range 1 Hz - 150 Hz)	
Environmental Tests / Vibration and Earthquake - Non-structural equipment, components and other devices	Electrical relays-Part 21:Vibration,shock, bump and seismic tests on measuring relays and protection equipment-Section 1:Vibration tests (sinusoidal)	EN 60255-21-1	
Environmental Tests / Shock and Earthquake - Non-structural equipment, components and other devices	Electrical relays-Part 21:Vibration,shock,bump and seismic tests on measuring relays and protection equipment-Section 2:Shock and bump tests	EN 60255-21-2 (Up to 10 g)	
Environmental Tests / Vibration and Earthquake - Non-structural equipment, components and other devices	Electrical relays-Part 21:Vibration, shock,bump and seismic tests on measuring relays and protection equipment -Section 3:Seismic tests	EN 60255-21-3	
Environmental Tests / Vibration and Earthquake - Non-structural equipment, components and other devices	Nuclear facilities - Equipment important to safety - Seismic qualification	IEC / IEEE 60980- 344	
Environmental Tests / Vibration and Earthquake - Non-structural equipment, components and other devices	Mechanical structures for electronic equipment - Tests for IEC 60917 and IEC 60297 - Part 2: Seismic tests for cabinets and racks	EN 61587-2	
Environmental Tests / Vibration and Earthquake - Non-structural equipment, components and other devices	Network Equipment - Building System Requirements: Physical Protection Test	Telcordia GR-63- CORE	
Environmental Tests / Vibration and Earthquake - Non-structural equipment, components and other devices	Acceptance Criteria For Seismic Certification By Shake-Table Testing Of Nonstructural Components	ICC-ES AC156	



Annex of the Certificate (Page 3/4) Accreditation Scope



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Environmental Tests / Vibration and Earthquake - Non-structural equipment, components and other devices	Recommended Practice for Seismic Design of Substations	IEEE 693
Environmental Tests / Vibration and Earthquake - Non-structural equipment, components and other devices	High-voltage switchgear and controlgear - Part 210: Seismic qualification for metal enclosed and solid-insulation enclosed switchgear and controlgear assemblies for rated voltages above 1 kV and up to and including 52 kV	IEC 62271-210

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Vehicles				
Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)		
Environmental Tests / Vibration an Earthquake Transportation Tests / Vibration	Standard Practice for Performance Testing of Shipping Containers and Systems	ASTM D4169 Road and Railway Transportation (Frequency Range 1 Hz - 185 Hz)		
Train Applications - Vibration electric electronic and pneumatic systems	Railway applications - Rolling stock equipment - Shock and vibration tests	EN 61373 Category 1 - Class A Category 1 - Class B		

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