



TURKISH ACCREDITATION AGENCY

ACCREDITATION CERTIFICATE

As a Testing Laboratory

ELKİMA ELEKTRİK İNŞ. TAAH. TİC. SAN. LTD. ŞTİ. TRAFİO TEST LABORATUVARI

Central Address: KEMALPAŞA OSB MAH. 37 SK. ELKLİMA TRAFİO NO:10 KEMALPAŞA İzmir / 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-0459-T

Accreditation Date : 19.07.2011

Revision Date / Number : 13.11.2023 / 10


This certificate shall remain in force until **15.11.2027**, 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.



 <p>Test TS EN ISO/IEC 17025 AB-0459-T</p>	ELKİMA ELEKTRİK İNŞ. TAAH. TİC. SAN. LTD. ŞTİ. TRAF0 TEST LABORATUVARI	
	Accreditation Nr: AB-0459-T Revision Nr: 10 Date: 13.11.2023	
Testing Laboratory		
Address : KEMALPAŞA OSB MAH. 37 SK. ELKLİMA TRAF0 NO:10 KEMALPAŞA İzmir / Türkiye	Phone : +902328770989 Fax : - Email : testlab@elkima.com.tr Website : www.elkima.com.tr	

Electrical, Electronic and IT Products and Devices

Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Power transformers	Power Transformers - Part 1: General Measurement of Winding Resistance	TS EN 60076-1 IEC 60076-1 clause 11.2
Power transformers	Power Transformers - Part 1: General Measurement of Voltage Ratio and Check of Phase Displacement	TS EN 60076-1 IEC 60076-1 clause 11.3
Power transformers	Power Transformers - Part 1: General Measurement of Short-Circuit Impedance and Load Loss	TS EN 60076-1 IEC 60076-1 clause 11.4
Power transformers	Power Transformers - Part 1: General Measurement of No-Load Loss and Current	TS EN 60076-1 IEC 60076-1 clause 11.5
Power transformers	Power Transformers - Part 3: Insulation Levels, Dielectric Tests and External Clearances in Air Separate Sourced Applied Voltage Test (Max AC 100 kV)	TS EN 60076-3 IEC 60076-3 clause 10
Power transformers	Power Transformers - Part 3: Insulation Levels, Dielectric Tests and External Clearances in Air Induced Voltage Test (Max AC 1 kV)	TS EN 60076-3 IEC 60076-3 clause 11.2
Power transformers	Power Transformers - Part 2: Temperature Rise for Liquid-Immersed Transformers	TS EN 60076-2 IEC 60076-2
Power transformers	Power Transformers - Part 3: Insulation Levels, Dielectric Tests and External Clearances in Air Full Wave Lightning Impulse Test (LI) (Max AC 400 kV)	TS EN 60076-3 IEC 60076-3 clause 13.2
Power transformers	Power Transformers - Part 1: General Determination of Capacitances Windings-to-Earth, and Between Windings Measurement of Dissipation Factor (tan δ) of The Insulation System Capacitances	TS EN 60076-1 clause 11.1.4.c IEC 60076-1 clause 11.1.4.c TS EN 60076-1 clause 11.1.4.d IEC 60076-1 clause 11.1.4.d IEEE C57.12.90 clause 10.10
Power transformers	Power Transformers - Part 1: General Measurement of Zero-Sequence Impedance(s) on Three-Phase Transformers	TS EN 60076-1 IEC 60076-1 clause 11.6



Accreditation Scope

 TÜRKAK  Test TS EN ISO/IEC 17025 AB-0459-T	ELKİMA ELEKTRİK İNŞ. TAAH. TİC. SAN. LTD. ŞTİ. TRAF0 TEST LABORATUVARI	
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Power transformers	Power Transformers - Part 10: Determination of Sound Levels	TS EN 60076-10 IEC 60076-10
Power transformers	Power Transformers - Part 1: General Measurement of d.c. insulation resistance each winding to earth and between windings.	TS EN 60076-1 clause 11.1.4.h IEC 60076-1 clause 11.1.4.h IEEE C57.12.90 clause 10.11
Power transformers	Power Transformers - Part 1: General Leak Testing with Pressure for Liquid Immersed Transformers (Tightness Test)	TS EN 60076-1 IEC 60076-1 clause 11.8
Power transformers	Medium Power Transformers 50 Hz,With Highest Voltage for Equipment Not Exceeding 36 kV - Part 1: General Requirements Tank Endurance Test	TS EN 50588-1:2017 (Withdrawn standard) EN 50588-1:2017 (Withdrawn standard) (Withdrawn on 18.02.2017,but was included in the scope of accreditation temporarily based on the request of the CAB.)
Power transformers	Power Transformers - Part 1: General Measurement of No-Load Loss and Current at 90 % and 110 % of Rated Voltage	TS EN 60076-1 IEC 60076-1 clause 11.1.3.e

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

