



TURKISH ACCREDITATION AGENCY

## ACCREDITATION CERTIFICATE

As a Testing Laboratory

**SAMİ TRAF0 MAKİNA İNŞAAT İMALAT TAAHHÜT GENEL TİCARET LİMİTED ŞİRKETİ**

Central Address: ACIDEREOSB MAH. ANAFARTALAR CAD. STD TRANSFORMATÖR NO:11 SARIÇAM Adana / 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-1255-T**

**Accreditation Date : 30.03.2018**

**Revision Date / Number : 26.11.2023 / 04**


This certificate shall remain in force until **29.03.2026**, 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-1255-T</p>	<b>SAMİ TRAFİO MAKİNA İNŞAAT İMALAT TAAHHÜT GENEL TİCARET LİMİTED ŞİRKETİ</b>	
	Accreditation Nr: AB-1255-T Revision Nr: 04 Date: 26.11.2023	
<b>Testing Laboratory</b>		
Address : ACİDEREÖSB MAH. ANAFARTALAR CAD. STD TRANSFORMATÖR NO:11 SARIÇAM Adana / Türkiye	Phone : - Fax : - Email : vedat.balli@stdtransformer.com Website :	

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 Measurement of voltage ratio and check of phase displacement Measurement of short-circuit impedance and load loss Measurement of no-load loss and current Measurement of zero-sequence impedance(s) Check of core and frame insulation Measurement of D.C. insulation resistance between each winding to earth and between windings Measurement of no-load loss and current (at rated voltage, at 90% and 110% of rated voltage) Determination of capacitances windings-to-earth and between windings. Measurement of dissipation factor (tan δ) of the insulation system capacitances. Leak testing with pressure for liquid immersed transformers (tightness test) Check of external coating	TS EN 60076-1 EN 60076-1 IEC 60076-1  Clause 11.2.3 Clause 11.3 Clause 11.4 Clause 11.5 Clause 11.6 Clause 11.12 Clause 11.1.4 (h) Clause 11.1.3-11.5 Clause 11.1.4 (d) Clause 11.8 Clause 11.1.4 (m)
Power transformers	Power transformers - Part 2: Temperature rise for liquid-immersed transformers	TS EN 60076-2 EN 60076-2 IEC 60076-2
Power transformers	Power transformers – Part 3: Insulation levels, dielectric tests and external clearances in air  Applied voltage test Induced voltage withstand test Lightning impulse tests	TS EN 60076-3 EN 60076-3 IEC 60076-3  Clause 10 Clause 11.2 Clause 13
Power transformers	Power transformers - Part 10: Determination of sound levels	TS EN 60076-10 EN 60076-10 IEC 60076-10
Medium power transformers	Medium power transformers 50 Hz, with highest voltage for equipment not exceeding 36 kV - Part 1: General requirements  Special Test for Corrugated Tank (Endurance Test)	TS EN 50588-1 EN 50588-1  Clause 9.4 (* This standard was withdrawn on 09.11.2020, however, it is given temporarily in this accreditation scope upon the request of the laboratory)

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 <p>Test TS EN ISO/IEC 17025 AB-1255-T</p>	<p style="text-align: center;"><b>SAMİ TRAFO MAKİNA İNŞAAT İMALAT TAAHHÜT GENEL TİCARET LİMİTED ŞİRKETİ</b></p> <p style="text-align: center;">Accreditation Nr: AB-1255-T Revision Nr: 04 Date: 26.11.2023</p>
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Lubricants		
Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Transformer insulation oils	Determination of puncture voltage	TS 3989 EN 60156 IEC 60156

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