



TURKISH ACCREDITATION AGENCY

ACCREDITATION CERTIFICATE

As a Testing Laboratory,

MEKSAN TRAFİ SANAYİ VE TİCARET LİMİTED ŞİRKETİ

Organize Sanayi Bölgesi 5. Cad. No:1 63000 ŞANLIURFA / TURKEY

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-0900-T

Accreditation Date : 24 March 2016

Revision Date / Number : 24 March 2020 / 02

This certificate shall remain in force until **23 March 2024**, subject to continuing compliance with the standard **TS EN ISO/IEC 17025:2017**, related regulations and requirements.



Banur
G. Banu MÜDERRİSOĞLU
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.

Annex of the certificate (Page 1/2)

Accreditation Scope

 Test TS EN ISO/IEC 17025 AB-0900-T	MEKSAN TRAF0 SANAYİ VE TİCARET LİMİTED ŞİRKETİ Accreditation Nr: AB-0900-T Revision Nr: 02 Date: 24.03.2020 As a Testing Laboratory Address: Organize Sanayi Bölgesi 5. Cad. No:1 63000 ŞANLIURFA/TÜRKİYE Phone : 0414 369 15 03 Fax : 0414 369 15 97 E-Mail : meksan@meksantrafo.com.tr Website : www.meksantrafo.com.tr
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Tested Materials / Products	Name of Test	Testing Method (National, International standards, in house methods)
Power Transformers	Measurement of winding resistance	TS EN 60076-1 Madde 11.2 IEC 60076-1 Madde 11.2
Power Transformers	Measurement of voltage ratio and check of phase displacement	TS EN 60076-1 Madde 11.3 IEC 60076-1 Madde 11.3
Power Transformers	Measurement of short-circuit impedance and load loss	TS EN 60076-1 Madde 11.4 IEC 60076-1 Madde 11.4
Power Transformers	Measurement of no-load losses and current	TS EN 60076-1 Madde 11.5 IEC 60076-1 Madde 11.5
Power Transformers	Applied voltage test (Separate source AC withstand voltage test)	TS EN 60076-3 Madde 10 IEC 60076-3 Madde 10
Power Transformers	Induced AC voltage test.	TS EN 60076-3 Madde 11 IEC 60076-3 Madde 11
Power Transformers	Measurement of power-factor test	TS EN 60076-1 Madde 11.1.2.a TS EN 60076-1 Madde 11.1.2.c TS EN 60076-1 Madde 11.1.2.e TS EN 60076-1 Madde 11.1.2.d TS EN 60076-1 Madde 11.1.2.c IEC 60076-1 Madde 11.1.2.a IEC 60076-1 Madde 11.1.2.c IEC 60076-1 Madde 11.1.2.e IEC 60076-1 Madde 11.1.2.d IEEE Std. C57.12.90 Madde 10.10
Power Transformers	Temperature rise test	TS EN 60076-2 IEC 60076-2 TS EN 60076-11 Madde 14.3.2 IEC 60076-11 Madde 14.3.2
Power Transformers	Measurement of Insulating resistance	ITS EN 60076-1 Madde 11.1.4.h IEC 60076-1 Madde 11.1.4.h IEEE Std. C57.12.90 Madde 10.11
Power Transformers Insulation Oils	Measurement of power-factor test for Insulation oil	TS EN 60247 Madde 12 IEC 60247 Madde 12
Power Transformers Insulation Oils	Measurement of breakdown test of insulation oil	TS 3989 EN 60156 IEC 156



Annex of the certificate (Page 2/2)

Accreditation Scope

	MEKSAN TRAFO SANAYİ VE TİCARET LİMİTED ŞİRKETİ Accreditation Nr: AB-0900-T Revision Nr: 02 Date: 24.03.2020
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Tested Materials / Products	Name of Test	Testing Method (National, International standards, in house methods)
Power Transformers	Measurement of tank's life test	TS EN 50588-1 EN 50588-1 Madde 9.4
Power Transformers	Measurement of paint coating test	TS EN ISO 2178 EN ISO 2178 TS EN ISO 2808 EN ISO 2808
Power Transformers	chopped wave Lightning impulse test	TS EN 60076-3 IEC 60076-3 IEEE Std. C57.12.90
Transformers	Full wave Lightning impulse test	TS EN 60076-3 Madde 13.2 IEC 60076-3 Madde 13.2 IEEE Std. C57.12.90 Madde 10.3
Power Transformers	Measurement of sound level test	TS EN 60076-10 IEC 60076-10-1 IEEE Std. C57.12.90

End of Scope




G. Banu MÜDERRİSOĞLU
Secretary General