



Accreditation Scope

 Test TS EN ISO/IEC 17025 AB-0475-T	EMEK ELEKTRİK ENDÜSTRİSİ A.Ş. Test Laboratuvarı	
	Accreditation Number: AB-0475-T Revision Number: 00 Date: 09 August 2011	
Deney Laboratuvarı		
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Tested Materials / Products	Name of Test	Testing Method (National, International standards, in house methods)
Current Transformers	Temperature Rise Test	IEC 60044-1 Clause 7.2 TS 620 EN 60044-1 Clause 7.2
	Lighning Impulse Test	IEC 60044-1 Clause 7.3.2 TS 620 EN 60044-1 Clause 7.3.2
	Switching Impulse Test	IEC 60044-1 Clause 7.3.3 TS 620 EN 60044-1 Clause 7.3.3
	Wet Test for Outdoor Type Transformers	IEC 60044-1 Clause 7.4 TS 620 EN 60044-1 Clause 7.4
	Radio Interference Voltage Measurement (RIV)	IEC 60044-1 Clause 7.5 TS 620 EN 60044-1 Clause 7.5
	Determination of Errors	IEC 60044-1 Clause 11, Clause 12, Clause 14 TS 620 EN 60044-1 Clause 11, Clause 12, Clause 14
	Power Frequency Withstand Test on Primary Winding	IEC 60044-1 Clause 8.2.1 TS 620 EN 60044-1 Clause 8.2.1
	Partial Discharge Measurement	IEC 60044-1 Clause 8.2.2 TS 620 EN 60044-1 Clause 8.2.2
	Power Frequency Withstand Test on Second Windings and Power Frequency Withstand Tests, between Sections	IEC 60044-1 Clause 8.3 TS 620 EN 60044-1 Clause 8.3
	Inter-turn Overvoltage Test	IEC 60044-1 Clause 8.4 TS 620 EN 60044-1 Clause 8.4
Inductive Voltage Transformers	Temperature Rise Test	IEC 60044-2 Clause 8.1 TS 718 EN 60044-2 Clause 8.1
	Short-circuit Withstand Capability Test	IEC 60044-2 Clause 8.2 TS 718 EN 60044-2 Clause 8.2
	Lighning Impulse Test	IEC 60044-2 Clause 8.3.2 TS 718 EN 60044-2 Clause 8.3.2
	Switching Impulse Test	IEC 60044-2 Clause 8.3.3 TS 718 EN 60044-2 Clause 8.3.3
	Wet Test for Outdoor Type Transformers	IEC 60044-2 Clause 8.4 TS 718 EN 60044-2 Clause 8.4




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Tested Materials / Products	Name of Test	Testing Method (National, International standards, in house methods)
(Inductive Voltage Transformers continued)	Measurement of the Radio Interference Voltage	IEC 60044-2 Clause 8.5 TS 718 EN 60044-2 Clause 8.5
	Power Frequency Withstand Tests on Primary Windings	IEC 60044-2 Clause 9.2 TS 718 EN 60044-2 Clause 9.2
	Partial Discharge Measurement	IEC 60044-2 Clause 9.2.4 TS 718 EN 60044-2 Clause 9.2.4
	Power Frequency Withstand Tests on Secondary Windings and Between Sections	IEC 60044-2 Clause 9.3 TS 718 EN 60044-2 Clause 9.3
	Determination of Errors	IEC 60044-2 Clause 12, Clause 13 TS 718 EN 60044-2 Clause 12, Clause 13
Capacitive Voltage Transformers	Temperature Rise Test	IEC 60044-5 Clause 9.1 TS EN 60044-5 Clause 9.1
	Capacitance and Tan δ Measurement at Power Frequency	IEC 60044-5 Clause 9.2 TS EN 60044-5 Clause 9.2
	Short Circuit Withstand Capability Test	IEC 60044-5 Clause 9.3 TS EN 60044-5 Clause 9.3
	Lightning Impulse Test	IEC 60044-5 Clause 9.4.2 TS EN 60044-5 Clause 9.4.2
	Chopped Impulse Test	IEC 60044-5 Clause 9.4.3 TS EN 60044-5 Clause 9.4.3
	Wet Test for Outdoor Type Transformers	IEC 60044-5 Clause 9.5 TS EN 60044-5 Clause 9.5
	Ferro-resonance Test	IEC 60044-5 Clauses 9.6-10.5 TS EN 60044-5 Clause 9.6-10.5
	Tightness Test of Electromagnetic Unit	IEC 60044-5 Clause 9.7 TS EN 60044-5 Clause 9.7
	Determination of Errors	IEC 60044-5 Clauses 9.8-10.6 TS EN 60044-5 Clause 9.8-10.6
	Transient Response Test	IEC 60044-5 Clause 9.9 TS EN 60044-5 Clause 9.9
	Radio Interference Voltage(RIV) Tests	IEC 60044-5 Clause 9.10 TS EN 60044-5 Clause 9.10
	Tightness of Capacitor Voltage Divider	IEC 60044-5 Clause 10.1 TS EN 60044-5 Clause 10.1
	Power Frequency Withstand Test Capacitor Voltage Divider	IEC 60044-5 Clause 10.2 TS EN 60044-5 Clause 10.2




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Tested Materials / Products	Name of Test	Testing Method (National, International standards, in house methods)
(Capacitive Voltage Transformers continued)	Measurement of Partial Discharges	IEC 60044-5 Clause 10.2.3 TS EN 60044-5 Clause 10.2.3
	Power Frequency Withstand Test on Low Voltage Terminal	IEC 60044-5 Clause 10.2.4 TS EN 60044-5 Clause 10.2.4
	Power Frequency Withstand Tests on the Electromagnetic Unit	IEC 60044-5 Clause 10.4.1 TS EN 60044-5 Clause 10.4.1
	Power Frequency Withstand Tests on Secondary Windings and Between Sections	IEC 60044-5 Clause 10.4.2 TS EN 60044-5 Clause 10.4.2
Disconnecting Switch	Dielectric Tests: -Power Frequency Withstand Voltage Test	IEC 62271-102 Clause 6.2 (except Clause 6.2.8)
	-Lightning Impulse Voltage Test	IEC 62271-1 Clause 6.2 (except Clause 6.2.8)
	-Switching Impulse Voltage Test	TS EN 62271-102 Clause 6.2 (except Clause 6.2.8)
	-Wet Test	TS EN 62271-1 Clause 6.2 (except Clause 6.2.8)
	Radio Interference Voltage(RIV) Test	IEC 62271-102 Clause 6.3 IEC 62271-1 Clause 6.3 TS EN 62271-102 Clause 6.3 TS EN 62271-1 Clause 6.3
	Measurement of the Resistance of Circuits, Measurement of the Resistance of Main Circuit	IEC 62271-102 Clause 6.4 IEC 62271-1 Clause 6.4 TS EN 62271-102 Clause 6.4 TS EN 62271-1 Clause 6.4
	Temperature Rise Tests	IEC 62271-102 Clause 6.5 IEC 62271-1 Clause 6.5 TS EN 62271-102 Clause 6.5 TS EN 62271-1 Clause 6.5
	Operating and Mechanical Endurance Tests	IEC 62271-102 Clause 6.102.4, Clause 6.102.4, Clause 6.102.5 TS EN 62271-102 Clause 6.102.3, Clause 6.102.4, Clause 6.102.5
	Voltage Withstand Test on Auxiliary and Control Circuits	IEC 62271-102 Clause 6.2.10 IEC 62271-1 Clause 6.2.10 TS EN 62271-102 Clause 6.2.10 TS EN 62271-1 Clause 6.2.10
Operation Under Severe Ice Conditions	IEC 62271-102 Clause 6.103 TS EN 62271-102 Clause 6.103	



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Tested Materials / Products	Name of Test	Testing Method (National, International standards, in house methods)
(Disconnecting Switch continued)	Operation at the Temperature Limits	IEC 62271-102 Clause 6.104 TS EN 62271-102 Clause 6.104

End of Scope




H.İrfan AKSOY
Deputy Secretary General