TURKISH ACCREDITATION AGENCY

ACCREDITATION CERTIFICATE

As a Testing Laboratory

VATAN KABLO METAL ENDÜSTRİ VE TİC.AŞ. KALİTE ÇORLU ŞUBESİ KALİTE KONTROL LABORATUVARI

Central Address: Velimeşe OSB Mahallesi 111 Sokak No:4/1 Ergene/Tekirdağ Tekirdağ / 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-1681-T

Accreditation Date : 04.03.2022

Revision Date / Number : 03.04.2026 / 02

This certificate shall remain in force until 03.03.2030, 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.

Accreditation Scope

Test
TS EN ISO/IEC 17025
AB-1681-T

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Accreditation Nr : AB-1681-T
Revision Nr: 02 Date: 03.04.2026

Testing Laboratory

Address :
Velimeşe OSB Mahallesi 111 Sokak No:4/1 Ergene/Tekirdağ Tekirdağ / Türkiye

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Electrical,Electronic and IT Products and Devices

Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Electric and optical fibre cables	Measurement of smoke density of cables burning under defined conditions - Part 2: Test procedure and requirements	TS EN 61034-2 TS EN 61034-2 /A1 EN 61034-2 IEC 61034-2
Electric and optical fibre cables	Test on gases evolved during combustion of materials from cables - Part 2: Determination of acidity (by pH measurement) and conductivity	TS EN 60754-2 EN 60754-2
Cables	Test on gases evolved during combustion of materials from cables - Part 1: Determination of the halogen acid gas content	TS EN 60754-1 EN 60754-1
Cables	Tests for electric cables under fire conditions - Circuit integrity - Part 21: Procedures and requirements - Cables of rated voltage up to and including 0, 6/1, 0 kV	TS IEC 60331-21 IEC 60331-21
Electric and optical fibre cables	Tests on electric and optical fibre cables under fire conditions - Part 1-2: Test for vertical flame propagation for a single insulated wire or cable - Procedure for 1 kW pre-mixed flame	TS EN 60332-1-2 EN 60332-1-2
Electric and optical fibre cables	Tests on electric and optical fibre cables under fire conditions - Part 3-24: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category C	TS EN 60332-3-24 EN 60332-3-24 IEC 60332-3-24
Cables	Common test methods for cables under fire conditions - Heat release and smoke production measurement on cables during flame spread test - Test apparatus, procedures, results	TS EN 50399 EN 50399
Electric and optical fibre cables	Electric and optical fibre cables - Test methods for non-metallic materials -- Part 606: Physical tests - Methods for determining the density	TS EN 60811-606 EN 60811-606 IEC 60811-606
Power Cables	Power cables with extruded insulation and their accessories for rated voltages from 1 kV (Um = 1,2 kV) up to 30 kV (Um = 36 kV) - Part 1: Cables for rated voltages of 1 kV (Um = 1,2 kV) and 3 kV (Um = 3,6 kV) Electrical resistance of conductors (Art.15.2) Voltage test (Art.15.3) Hot set test for EPR,HEPR and XLPE insulation and elastomeric sheaths (Art.16.9) Insulation resistance measurement at maximum conductor temperature (Art.17.3) Measurement of thickness of insulation (Art.18.2) Measurement of thickness of non-metallic sheaths (including extruded separation sheaths, but excluding inner coverings) (Art.18.3) Tests for determining the mechanical properties of insulation before and after ageing (Art.18.4) Tests for determining the mechanical properties of non-metallic sheaths before and after ageing (Art.18.5) Additional ageing test on pieces of completed cables (Art.18.6) Loss of mass test on PVC sheaths of type ST2 (Art.18.7)	TS IEC 60502-1+A1 IEC 60502-1 + A1 Art.15.2 / TS EN IEC 60228 Art. 15.3 Art. 16.9 / TS EN 60811-507 Art .17.3 Art .18.2 / TS EN 60811-201 Art .18.3 / TS EN 60811-202 Art .18.4 / TS EN 60811-501 -TS EN 60811-401 Art .18.5 / TS EN 60811-501 -TS EN 60811-401 Art .18.6 / TS EN 60811-501 -TS EN 60811-401 Art .18.7 / TS EN 60811-409

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Cables	Power cables with extruded insulation and their accessories for rated voltages from 1 kV (Um = 1,2 kV) up to 30 kV (Um = 36 kV) - Part 2: Cables for rated voltages from 6 kV (Um = 7,2 kV) up to 30 kV (Um = 36 kV)	TS IEC 60502-2 IEC 60502-2
	Electrical resistance of conductors (Art.16.2)	Art. 16.2 / TS EN IEC 60228
	Voltage test (Art.16.4)	Art. 16.4
	Measurement of thickness of insulation (Art.19.2)	Art. 19.2 / TS EN 60811-201
	Measurement of thickness of non-metal sheaths (including extruded separation sheaths, but excluding inner coverings) (Art.19.3)	Art. 19.3 / TS EN 60811-202
	Tests for determining the mechanical properties of insulation before and after ageing (Art. 19.5)	Art. 19.5 / TS EN 60811-501 - TS EN 60811-401
	Tests for determining the mechanical properties of non-metal sheaths before and after ageing (Art. 19.6)	Art. 19.6 / TS EN 60811-501 - TS EN 60811-401
	Additional ageing test on pieces of completed cables (Art. 19.7)	Art. 19.7 / TS EN 60811-501 - TS EN 60811-401
	Loss of mass test on PVC sheaths of type ST2 (Art. 19.8)	Art. 19.8 / TS EN 60811-409
	Hot set test for EPR, HEPR and XLPE insulations and elastomeric sheaths (Art. 19.13)	Art. 19.13 / TS EN 60811-507

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