



TURKISH ACCREDITATION AGENCY

## ACCREDITATION CERTIFICATE

As a Testing Laboratory,

**EMTA KABLO SANAYİ VE TİCARET A.Ş deney laboratuvarı**

KADIRLI ORGANİZE SANAYİ BÖLGESİ 1.CAD NO.15  
KADIRLI/OSMANİYE OSMANİYE / 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-1490-T

**Accreditation Date** : 10 December 2019

This certificate shall remain in force until **09 December 2023**, subject to continuing compliance with the standard **TS EN ISO/IEC 17025:2017**, related regulations and requirements.





*Banıtçıl*  
**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 1/4)

Accreditation Scope


 	<b>EMTA KABLO SANAYİ VE TİCARET A.Ş deney laboratuvarı</b>	
	Accreditation Nr: AB-1490-T Revision Nr: 00 Date: 19.05.2021	
<b>As a Testing Laboratory</b>		
<b>Address:</b> KADIRLI ORGANİZE SANAYİ BÖLGESİ 1.CAD NO.15 KADIRLI/OSMANIYE OSMANIYE/TÜRKİYE	<b>Phone</b> : 03287392305 <b>Fax</b> : 03287392308 <b>E-Mail</b> : eakdag@emta.com.tr/laboratuvar@em <b>Website</b> : www.emtakablo.com.tr	

Tested Materials / Products	Name of Test	Testing Method (National, International standards, in house methods)
Conductors for overhead lines — Round wire concentric lay stranded conductors	Stranded Conductors - Determination of Surface Condition - Surface Visual Inspection	TS EN 50182 (Clause 6.4.1) BS EN 50182 (Clause 6.4.1)
Conductors for overhead lines — Round wire concentric lay stranded conductors	Stranded Conductors - Determination of Conductor Diameter Max.150 mm	TS EN 50182 (Clause 6.4.2) BS EN 50182 (Clause 6.4.2)
Conductors for overhead lines — Round wire concentric lay stranded conductors	Stranded Conductors - Determination of inertness	TS EN 50182 (Clause 6.4.3) BS EN 50182 (Clause 6.4.3)
Conductors for overhead lines — Round wire concentric lay stranded conductors	Stranded Conductors - Determination of lay ratio and direction of lay	TS EN 50182 (Clause 6.4.4) BS EN 50182 (Clause 6.4.4)
Conductors for overhead lines — Round wire concentric lay stranded conductors	Stranded Conductors - Determination of number and type of wires	TS EN 50182 (Clause 6.4.5) BS EN 50182 (Clause 6.4.5)
Conductors for overhead lines — Round wire concentric lay stranded conductors	Stranded Conductors - Determination of mass per unit length	TS EN 50182 (Clause 6.4.6) BS EN 50182 (Clause 6.4.6)



## Annex of the certificate (Page 2/4)

### Accreditation Scope


 <p style="font-size: small;">Test TS EN ISO/IEC 17025 AB-1490-T</p>	<p><b>EMTA KABLO SANAYİ VE TİCARET A.Ş deney laboratuvarı</b></p> <p><b>Accreditation Nr: AB-1490-T</b> <b>Revision Nr: 00 Date: 19.05.2021</b></p>
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Tested Materials / Products	Name of Test	Testing Method (National, International standards, in house methods)
Conductors for overhead lines — Aluminium / Aluminium alloy wires	Aluminum / Aluminum Alloy Wires - Determination of diameter Max.150 mm	TS EN 50182 (Clause 6.5.2) - BS EN 50182 (Clause 6.5.2) TS EN 60889 (Clause 5) - BS EN 60889 (Clause 5) TS 9632 EN 50183 (Clause 11.2) - BS EN 50183 (Clause 11.2)
Conductors for overhead lines — Aluminium / Aluminium alloy wires	Aluminum / Aluminum Alloy Wires - Determination of tensile strength At ambient temperature Min. 0,5 kN - Max. 50 kN	TS EN 50182 (Clause 6.5.2) - BS EN 50182 (Clause 6.5.2) TS 9632 EN 50183 (Clause 11.3) - BS EN 50183 (Clause 11.3) BS EN 60889 (Clause 10.1) - TS EN 60889 (Clause 10.1) BS EN ISO 6892-1 - TS EN ISO 6892-1
Conductors for overhead lines — Aluminium / Aluminium alloy wires	Aluminum / Aluminum Alloy Wires - Determination of elongation	TS EN 50182 (Clause 6.5.2) - BS EN 50182 (Clause 6.5.2) TS 9632 EN 50183 (Clause 11.3) - BS EN 50183 (Clause 11.3) TS EN ISO 6892-1 - BS EN ISO 6892-1
Conductors for overhead lines — Aluminium / Aluminium alloy wires	Aluminum / Aluminum Alloy Wires - Determination of resistivity	TS EN 50182 (Clause 6.5.2) - BS EN 50182 (Clause 6.5.2) TS 9632 EN 50183 (Clause 11.6) - BS EN 50183 (Clause 11.6) TS EN 60889 (Clause 11) - BS EN 60889 (Clause 11) TS 9593 IEC 60468
Conductors for overhead lines — Aluminium / Aluminium alloy wires	Aluminum / Aluminum Alloy Wires - Wrapping test	TS EN 50182 (Clause 6.5.2) - BS EN 50182 (Clause 6.5.2) TS 9632 EN 50183 (Clause 11.4) - BS EN 50183 (Clause 11.4) BS EN 60889 (Clause 10.2) - TS EN 60889 (Clause 10.2) ISO 7802



## Annex of the certificate (Page 3/4)

### Accreditation Scope


 <p>Test TS EN ISO/IEC 17025 AB-1490-T</p>	<p>EMTA KABLO SANAYİ VE TİCARET A.Ş deney laboratuvarı</p> <p>Accreditation Nr: AB-1490-T Revision Nr: 00 Date: 19.05.2021</p>
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Tested Materials / Products	Name of Test	Testing Method (National, International standards, in house methods)
Conductors for overhead lines — Steel wires	Steel Wires - Determination of diameter Max.150 mm	TS EN 50182 (Clause 6.5.2) - BS EN 50182 (Clause 6.5.2) TS EN 50189 (Clause 11.2) - BS EN 50189 (Clause 11.2) TS EN 61232 (Clause 4.4) - BS EN 61232 (Clause 4.4)
Conductors for overhead lines — Steel wires	Steel Wires - Determination of tensile strength At ambient temperature Min. 0,5 kN - Max. 50 kN	TS EN 50182 (Clause 6.5.2) - BS EN 50182 (Clause 6.5.2) TS EN 50189 (Clause 11.4) - BS EN 50189 (Clause 11.4) TS EN 61232 (Clause 4.6) - BS EN 61232 (Clause 4.6)- TS EN ISO 6892-1 - BS EN ISO 6892-1
Conductors for overhead lines — Steel wires	Steel Wires - Determination of stress at 1 % extension At ambient temperature Min. 0,5 kN - Max. 50 kN	TS EN 50182 (Clause 6.5.2) - BS EN 50182 (Clause 6.5.2) TS EN 50189 (Clause 11.3) - BS EN 50189 (Clause 11.3) TS EN 61232 (Clause 4.10) - BS EN 61232 (Clause 4.10) TS EN ISO 6892-1 - BS EN ISO 6892-1
Conductors for overhead lines — Steel wires	Steel Wires - Determination of elongation	TS EN 50182 (Clause 6.5.2) - BS EN 50182 (Clause 6.5.2) TS EN 50189 (Clause 11.5.1) - BS EN 50189 (Clause 11.5.1) TS EN 61232 (Clause 4.7) - BS EN 61232 (Clause 4.7) TS EN ISO 6892-1 - BS EN ISO 6892-1
Conductors for overhead lines — Steel wires	Steel Wires - Determination of adhesion of zinc coating	TS EN 50182 (Clause 6.5.2) - BS EN 50182 (Clause 6.5.2) TS EN 50189 (Clause 11.7) - BS EN 50189 (Clause 11.7)



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Accreditation Scope

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Tested Materials / Products	Name of Test	Testing Method (National, International standards, in house methods)
Conductors for overhead lines — Steel wires	Steel Wires - Wrapping test	TS EN 50182 (Clause 6.5.2) - BS EN 50182 (Clause 6.5.2) TS EN 50189 (Clause 11.5.3) - BS EN 50189 (Clause 11.5.3) ISO 7802

End of Scope

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**G. Banu MÜDERRİSOĞLU**  
Secretary General

