



INTERNATIONAL  
ACCREDITATION  
SERVICE®

# CERTIFICATE OF ACCREDITATION

*This is to attest*

## **RAMİRA ENERJİ A.Ş.**

ALAADDINBEY MAH. AYFATMA CD. CENGİZHAN RESİDANCE B BLOK KAT:3 D:17 NİLÜFER  
BURSA, 16120, TURKEY

### **Inspection Agency AA-828 (Type A)**

has met the requirements of AC98, *IAS Accreditation Criteria for Inspection Agencies*, and has demonstrated compliance with ISO/IEC Standard 17020:2012, *Conformity assessment - Requirements for the operation of various types of bodies performing inspection*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date January 27, 2025



*International Accreditation Service*  
Issued under the authority of IAS management

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# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | [www.iasonline.org](http://www.iasonline.org)

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*Accredited to ISO/IEC 17020:2012*

*Effective Date January 27, 2025*

FIELD AND RANGE OF INSPECTION	REGULATIONS, INSPECTION METHODS, STANDARDS AND/OR SPECIFICATIONS
A-Grade Photovoltaic Module Production Inspection	TS EN IEC 61215-1-1 Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1-1: Special requirements for testing of crystalline silicon photovoltaic (PV) modules TS EN IEC 61730-1 Photovoltaic (PV) module safety qualification - Part 1: Requirements for construction TS EN IEC 61730-2 Photovoltaic (PV) module safety qualification - Part 1: Requirements for construction
Photo Voltaic Module Packing Units Inspection for Pre-Loading, Transport Storage Control, Transport Surveillance	IEC 62759-1n Photovoltaic (PV) modules - Transportation testing - Part 1: Transportation and shipping of module package units TS EN 62759-1 Photovoltaic (PV) modules - Transportation testing - Part 1: Transportation and shipping of module package units
Photo Voltaic Module Installation, Assembly and Construction Inspections	TS EN IEC 61730-1 Photovoltaic (PV) module safety qualification - Part 1: Requirements for construction
Validation and Commissioning Inspections of Photovoltaic Grids	IEC 62446-1 Photovoltaic (PV) systems - Requirements for testing, documentation and maintenance - Part 1: Grid connected systems - Documentation, commissioning tests and inspection IEC 62548 Photovoltaic (PV) arrays - Design requirements IEC 60364-6 Low voltage electrical installations - Part 6: Verification IEC 62446-3 Photovoltaic (PV) systems - Requirements for testing, documentation and maintenance - Part 3: Photovoltaic modules and plants - Outdoor infrared thermography IEC 61724-1 Photovoltaic system performance - Part 1: Monitoring IEC 61724-2 Photovoltaic system performance - Part 2: Capacity evaluation method
Periodic Inspection of Solar Power Plants	IEC 62446-1 Photovoltaic (PV) systems - Requirements for testing, documentation and maintenance - Part 1: Grid connected systems - Documentation, commissioning tests and inspection

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FIELD AND RANGE OF INSPECTION	REGULATIONS, INSPECTION METHODS, STANDARDS AND/OR SPECIFICATIONS
Periodic Inspection of Solar Power Plants (continued)	IEC TS 62446-3 Photovoltaic (PV) systems - Requirements for testing, documentation and maintenance - Part 3: Photovoltaic modules and plants - Outdoor infrared thermography IEC 61724-1 Photovoltaic system performance - Part 1: Monitoring IEC TS 60904-13 Photovoltaic devices - Part 13: Electroluminescence of photovoltaic modules
Inspection of Extruded Insulated Submarine Power Cables	IEC 63026 Submarine power cables with extruded insulation and their accessories for rated voltages from 6 kV ( $U_m = 7,2$ kV) up to 60 kV ( $U_m = 72,5$ kV) - Test methods and requirements
Periodic Inspection of Wind Power Plant	IEC 61400-1: Design Requirements IEC 61400-3: Design Requirements for Offshore IEC 61400-12-1:2017 Power performance measurements of electricity producing wind turbines / Remote sensing devices like Sodar & lidar measurements IEC 61400-12-2:2013/COR1:2016 Power performance of electricity-producing wind turbines based on nacelle anemometry / Corrigendum 1 IEC-61400-21-2: Measurement and assessment of electrical characteristics - Wind power plants IEC 61400-23: Full-scale structural testing of rotor blades IEC 61400-24: Control and protection systems IEC 61400-26-2:2014 Production-based availability for wind turbines IEC 61400-27-1:2015 Electrical simulation models - Wind turbines
Inspection of Battery Energy Storage System (BESS)	IEC 62619: Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary lithium cells and batteries, for use in industrial applications IEC62933-1: Electrical energy storage (EES) systems - Part 1: Vocabulary IEC62933-2: Electrical energy storage (EES) systems – Part 2-1: Unit parameters and testing methods – General specification IEC62933-3: Electrical energy storage (EES) systems - Part 3-1: Planning and performance assessment of electrical energy storage systems - General specification
EV Charging Station Technology and Infrastructure Testing	IEC 61851, SAE J1772, UL 2202, UL 2594 Safety and functional testing IEC 61851-21-2 EMC testing



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FIELD AND RANGE OF INSPECTION	REGULATIONS, INSPECTION METHODS, STANDARDS AND/OR SPECIFICATIONS
EV Charging Station Technology and Infrastructure Testing (continued)	CHAdeMO, CharIN-CCS, OCPP, ISO 15118, DIN 70121, GB/T 27930 Interoperability & conformance testing IEC 61851, IEC 62752, UL 2231 Electrical safety IEC 61508 Functional safety IEC 62116 Performance testing IEC 62893, IEC 62752 EV charging cables IEC 60364-7-722, IEC 62909-1/2 Grid IEC 62196 Connectors/ inlets/ plugs

