TURKISH ACCREDITATION AGENCY

# ACCREDITATION CERTIFICATE

As a Testing Laboratory

**USENS ENERJİ ANONİM ŞİRKETİ**

Central Address: ERZENE MAH. 114 SK. No:3/ BORNOVA/İZMİR İzmir / 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-1876-T**

**Accreditation Date : 12.01.2024**

**Revision Date / Number : 30.09.2026 / 02**

This certificate shall remain in force until **12.01.2028**, 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.*

Test
TS EN ISO/IEC 17025
AB-1876-T

## USENS ENERJİ ANONİM ŞİRKETİ

**Accreditation Nr : AB-1876-T**
**Revision Nr: 02 Date: 30.09.2026**

**Testing Laboratory**

**Address :**
ERZENE MAH. 114 SK. No:3/ BORNOVA/İZMİR İzmir / Türkiye

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### Mechanical Products

| Tested Materials / Products | Name of Test | Testing Method (National, International Standards, In-house Methods) |
|---|---|---|
| Wind energy production systems | Measurements of the wind resource and power performance of electricity-generating wind turbines at existing and potential wind farm sites using anemometers and remote sensing devices (LiDAR/SODAR) | 1. IEC 61400-50-1:2022 ed1: Wind energy generation systems - Part 50-1: Wind measurement - Application of meteorological mast, nacelle and spinner mounted instruments.<br>2. IEC 61400-12-1:2022 ed3,: Wind energy generation systems - Part 12-1: Power performance measurements of electricity producing wind turbines<br>3. IEC 61400-12-3:2022- ed1: Wind energy generation systems - Part 12-3: Power performance - Measurement based site calibration<br>4. IEC TR 61400-12-4:2020 ed1: Wind energy generation systems - Part 12-4: Numerical site calibration for power performance testing of wind turbines<br>5. IEC 61400-12-5:2022 ed1: Wind energy generation systems - Part 12-5: Power performance - Assessment of obstacles and terrain<br>6. IEC 61400-50-2:2022 ed1: Wind energy generation systems - Part 50-2: Wind measurement - Application of ground-mounted remote sensing technology<br>7. IEC TS 61400-50-4:2025 ed1: Wind energy generation systems - Part 50-4: Use of floating lidar systems for wind measurements |
| Wind energy production systems | Using anemometer to analysis and assessment of site-specific wind conditions through wind potential measurements and calculations, and determination of energy production, site suitability and site quality | 1. IEC 61400-50-1:2022 ed1: Wind energy generation systems - Part 50-1: Wind measurement - Application of meteorological mast, nacelle and spinner mounted instruments.<br>2. IEC 61400-1:2019 ed4: Wind energy generation systems - Part 1: Design requirements.<br>3. FGW TG6, Rev12: Determination of Wind Potential and Energy Yields<br>4. MEASNET, v3: Evaluation of Site-Specific Wind Conditions.<br>5. IEC 61400-26-1:2019 ed1: Wind energy generation systems - Part 26-1: Availability for wind energy generation systems<br>6. IEC 61400-15-1:2025 ed1: Wind energy generation systems - Part 15-1: Site suitability input conditions for wind power plants<br>7. FGW TG5, Rev9: Determination and Application of Reference Energy Yields. |

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Accreditation Scope

Test
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| | | |
|---|---|---|
| Wind energy production systems | Using anemometers and LIDAR/SODAR (remote sensing devices) to analysis and assessment of site-specific wind conditions through wind potential measurements and calculations, and determination of energy production, site suitability and site quality | 1. IEC 61400-50-1:2022 ed1: Wind energy generation systems - Part 50-1: Wind measurement - Application of meteorological mast, nacelle and spinner mounted instruments.<br>2. IEC 61400-50-2:2022 ed1: Wind energy generation systems - Part 50-2: Wind measurement - Application of ground-mounted remote sensing technology.<br>3. IEC 61400-1:2019 ed4: Wind energy generation systems - Part 1: Design requirements.<br>4. FGW TG6, Rev12: Determination of Wind Potential and Energy Yields<br>5. MEASNET, v3: Evaluation of Site-Specific Wind Conditions.<br>6. IEC 61400-26-1:2019 ed1: Wind energy generation systems - Part 26-1: Availability for wind energy generation systems<br>7. IEC 61400-15-1:2025 ed1: Wind energy generation systems - Part 15-1: Site suitability input conditions for wind power plants<br>8. FGW TG5, Rev9: Determination and Application of Reference Energy Yields. |

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