

SAYIN

ENTER

ABOUT US

Sayin Enerji provides periodic measurement and inspection services required under occupational health and safety legislation. Our experienced engineers carry out grounding measurements, electrical installation compliance certification, and inspections of pressure vessels and lifting and handling equipment for facilities and buildings of all sizes, ranging from factories serving the pharmaceutical, paper, and automotive industries to skyscrapers, banks, residential complexes, office centers, hospitals, and shopping malls.





OUR SERVICES



HIGH-VOLTAGE OPERATIONAL RESPONSIBILITY AND FUNCTIONAL TESTS

Our company, specialized in transformer high-voltage operational responsibility and functional testing, provides professional solutions for the safe, uninterrupted, and efficient operation of energy facilities.

With our experienced technical team, we support the reliability and operational continuity of facilities by providing high-voltage operational responsibility, transformer and switchgear inspections, protection relay tests, functional tests, measurement, and commissioning services.

ELECTRIC VEHICLE CHARGING STATION INSTALLATION

We provide professional services for the design, installation, testing, and commissioning of electric vehicle charging stations.

With our modern electrical infrastructure and technical expertise, we develop reliable, high-performance, and sustainable charging solutions.

ELECTRICAL INTERNAL INSTALLATION COMPLIANCE

We provide professional services to assess whether internal electrical installations are safe and compliant with legislation and relevant technical standards.

With our expert technical team, we conduct a detailed assessment of the facility's current condition through internal electrical installation inspections, measurements and tests, and panel and installation checks.

By reporting the nonconformities identified through the inspections and measurements, we contribute to the safe, sustainable, and standards-compliant operation of the facility.

LIGHTNING PROTECTION INSTALLATION COMPLIANCE

We provide maintenance and inspection services to ensure the technical compliance and operational continuity of lightning protection installations.

As part of the service, the air-termination system, down conductors, connection points, grounding system, and equipotential bonding are inspected, and the necessary electrical measurements are performed.

By reporting the inspection and measurement results in detail, we contribute to the safe operation of the system.

GROUNDING INSTALLATION COMPLIANCE

We carry out professional measurement and inspection services to assess the reliability and compliance of grounding systems.

We analyze the current condition of the installation, identify and report potential risks and nonconformities, and provide the necessary recommendations for safe grounding.

RESIDUAL CURRENT PROTECTION RELAY TRIP TEST

We test whether residual current protection relays used to protect life and property in electrical installations operate correctly and reliably.

In tests performed by our expert technical team, the trip current and trip times of residual current relays are checked, and the performance of the protection system is evaluated.

We record the test results, report the facility's current condition, and provide the necessary technical assessments and recommendations for identified nonconformities.

GENERATOR MEASUREMENT AND REPORTING

We provide measurement, inspection, and reporting services to ensure the safe, efficient, and uninterrupted operation of generator systems.

As part of our inspections, we evaluate generator output values, voltage, current, frequency, power, and load performance.

By analyzing the measurement results, we report the system's current condition and contribute to the early detection of potential faults and performance problems.

IMPEDANCE MEASUREMENTS

We provide impedance measurement services to assess fault conditions in electrical installations and the reliability of protection systems.

Through measurements performed at different points of the facility, we check circuit impedance and fault loop values and evaluate the results according to technical criteria.

By reporting the measurement results in detail, we contribute to the effective operation of protection devices and the safe operation of the electrical installation.

ELECTRICAL INSTALLATION HARMONIC MEASUREMENTS

We provide professional measurement and analysis services to assess power quality in electrical installations and identify harmonic-related problems.

Through our measurements, we examine current and voltage harmonics, power factor, and power quality values in detail.

By analyzing the data obtained, we contribute to the early detection of potential energy losses, equipment performance issues, and electrical faults, and report the results comprehensively.

THERMAL CAMERA MEASUREMENTS

We perform thermal camera measurements to detect overheating and potential fault risks in electrical installations at an early stage.

We analyze the current condition of the system by detecting temperature differences that may occur in electrical panels, cable connections, circuit breakers, fuses, and other equipment.

By evaluating the thermal images obtained, we report potential risks and contribute to planning the necessary maintenance and interventions before a fault occurs.

OUR REFERENCES

