

# Electrical Installation Testing and Inspection

Electrical inspection services involve the carrying out of periodic, preventive and statutory electrical inspections on electrical installations to analyse their safety, efficiency and compliance with electro-technical regulations, codes and standards. Electrical safety inspections are key to maintaining reliability and technical efficiency of electrical installations. The safety, reliability and technical efficiency are key to permitting users to carry out their activities normally.



## THE Applus+ SOLUTION

Applus+ are specialists in electrical inspection and testing and our team of electrical testing experts can revise and analyse any electrical installations/networks in compliance with national and international standards and regulations. We test, measure, analyse and evaluate the inherent technical aspects of any electrical installation. We identify any critical or serious problems, allowing owners, users and maintenance staff to define actions to mitigate any risks.

Applus+ has a vast portfolio of services for electrical installation testing and inspection, which includes:

- VT inspections
- Technical documentation reviews
- Study, checking and testing of grounding systems
- Measurement of touch and step voltages
- Measurement of potential difference between electrical items
- Measurement of security distance for potentially hazardous areas/situations
- Quality measures in electrical networks
- Power-supply quality testing
- Inventories of low-voltage installations

- Audits and inspections of installations in accordance with regulations, codes, international standards or owner's criteria
- Issuing of electrical operation manuals
- Inventories of electrical connections using georeferencing connections
- Energy loss verification (antifraud campaigns)
- Checking meters and programming measurement units
- Training

## Target customers

The electrical testing service from Applus+ is aimed at companies requiring regular low-voltage inspections, as well as any industry using power over 100 kW.

## Key customer benefits

With our in-depth experience and knowledge in the field of low-voltage electrical inspections, the electrical testing service from Applus+ assists clients to:

- Ensure the safety of people and property
- Ensure the quality of measurements, avoiding fraud
- Safeguard the normal operation of electrical installations, preventing disturbances to other installations and services
- Avoid electricity blackouts
- Comply with all codes, standards and current legislation covering low-voltage electrical installations