Electrical Inspection

This service area involves the carrying out of periodic, preventive and statutory electrical inspections for electrical installations to analyse their safety, efficiency and compliance with electrotechnical regulations, codes and standards. The objective of such inspections is to keep people safe and contribute to the 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 inspecting, revising and analysing 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.

Our vast portfolio of electrical inspection services includes:

- Visual 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

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Inventories of electrical connections using georeferencing connections
• Energy loss verification (antifraud campaigns)
• Checking meters and programming measurement units
• Training

Target customers

This service is aimed at companies requiring regular low-voltage inspections as well as any industry using power over 100 kW.

Key customer benefits

With its in-depth experience and knowledge in the field of low-voltage electrical inspections, Applus+ helps its 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

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