

Audit

Power Quality Audit for optimising the reliability, efficiency and safety of your equipment



APPL/201/EPS

The Power Quality Audit (PQA), is a service offered by Socomec that checks the load level and the quality of the low voltage electrical installation.

The PQA uses network analysers, designed to detect faults and deteriorations and record parameters and information over a significant period that may be of use in locating the causes of electrical disturbance.

Data is collected and analyzed by Socomec engineers who diagnose the problems. They then suggest the most appropriate solutions that will have beneficial impact on the reliability of the installation, and ultimately extend equipment lifetime.

References

Measurements - On-site data logging - Investigation	923 404 2500
Energy quality	consult us
Harmonics and Power Factor correction	consult us
Neutral earthing system	consult us

Key points

- > Voltage variation
- > Harmonic distortion
- > Transient current
- > Neutral and earth fault, EMC environment
- > Unbalanced three-phase load
- > Power factor correction

Benefits

- > Detects recurring faults
- > Identifies phase shifts and malfunctions
- > Anticipates deterioration of the installation
- > Extends service life of equipment
- > Improves system reliability