



Enerdoor Offers On-Site CE Compliance and Safety Testing

An international leader in the development and production of EMI and power quality solutions for automated and industrial machines, Enerdoor additionally offers on-site CE compliance and safety testing.

Since 1988, Enerdoor has specialized in the measurement and analyses of EMC testing and CE Certification, providing on-site service to customers around the world through an efficient, global organization. Our flat rate testing service is unique in the industry, as is our pledge to not leave the facility until equipment is compliant.

Enerdoor services offers two fully equipped EMC mobile laboratory in Europe and two in North America. In addition to these, Enerdoor has an anechoic chamber located in Italy for small/medium equipment.

On-Site Compliance Testing

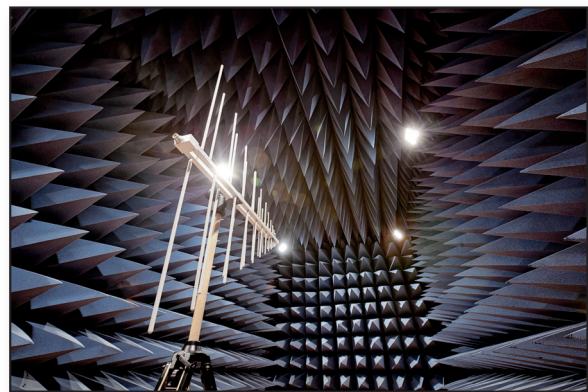
The CE mark is an international reference for industrial and residential electronic applications. Enerdoor's on-site CE Certification testing specializes in the measurement and analysis of electromagnetic compatibility of systems in accordance with the EMC, FCC Part 15 and Safety Directives. The CE Directive dictates that all electric and electronic components in machinery and manufacturing plants must meet the minimum requirements indicated by the Directive.

Enerdoor engineers are able to assist customers through a portion or the entirety of the CE Certification process and provide filter solutions to meet the conducted, radiated, and immunity test requirements. We work on-site with the customer to find real time solutions, and offer recommendations and suggestions to minimize potential radio-frequency interference that may cause malfunctions inside the machine or to other devices all for one flat-rate.

Testing, Support and Training Services

Enerdoor is committed to ongoing investments, new technology solutions and excelling in the understanding of real-world power issues.

- Features an anechoic chamber and RD facility
- CE Certification including machinery, safety and low voltage Directives
- EMC mitigation for CE and FCC compliance
- Power quality testing
- Low and high frequency disturbance problem solving
- Technical CE reports and final certificates
- Technical training for the Directive
- Product safety consulting
- Risk assessment
- ATEX consulting
- Seminar and technical training
- Ability to prepare necessary documentation for Technical Construction File (TCF)



Mobile Laboratories

Enerdoor mobile laboratories are available for EMC measurements directly at manufacturing plants or at the end users facility.

- Comply equipment with the EMC Directive
- Consultation and support for EMC problem solving
- Provide final test reports for completed tests
- Radio frequency disturbance analysis for single machines or entire plants
- Problem solving for disturbance generated by machines used in the manufacturer's plant
- Harmonic distortion analysis and solutions
- Disturbance analysis and solutions for the manufacturing plant/end user



Power Quality Analysis

Enerdoor can assist customers performing power quality analysis on single machinery equipment or the complete plant. With several power quality analyzers, Enerdoor engineers can simultaneously monitor different drops in the same location.

A full report and recommendation of the best possible solution to eliminate the problem are offered at the end of the measurement period.

Motor analysis

Enerdoor offers motor analysis to customers that are experiencing premature failure on windings and bearings due to potential dV/dt issues. Enerdoor engineers determine the level of dV/dt using a differential voltage probe up to 5000V and a current probe on the motor offering a potential solution. This service is available in all of Europe and North America.