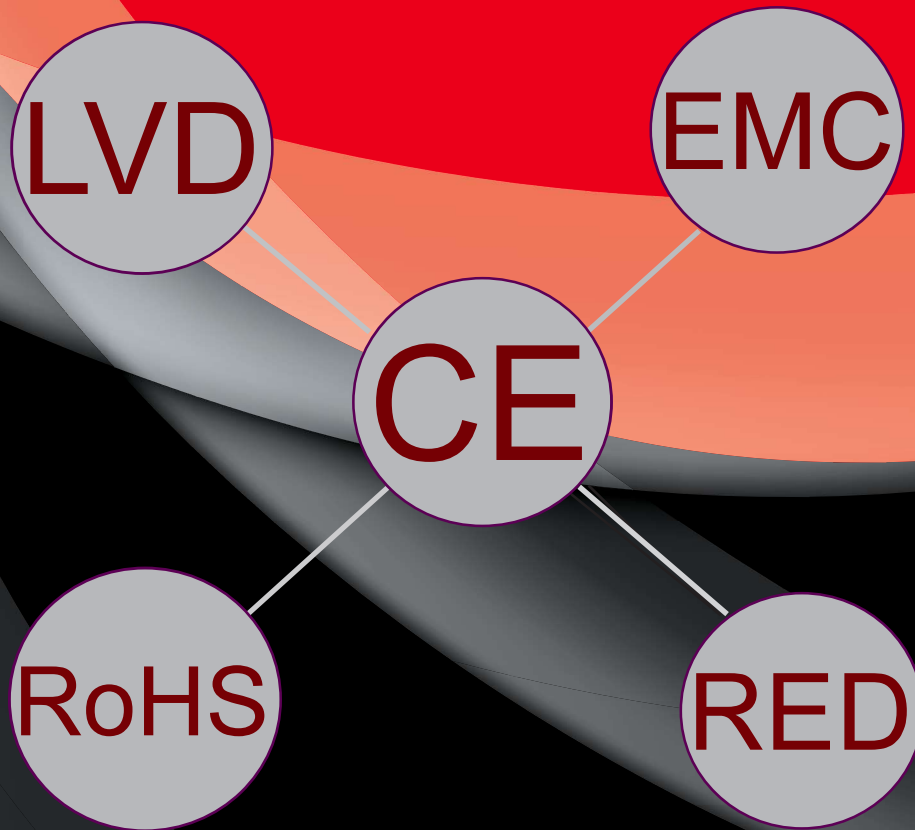


PRODUCT CERTIFICATION

From LVD, RoHS, EMC, RED to CE



At EnerVIZOR we are specialized to lead you through all necessary electronic device certification steps by performing standardized testing and offering advising support.

We are experts in CE testing for different electrical devices, especially in measuring devices, motor drives, protection devices, radio devices and lots of other electronic devices.

Our services do not include just testing procedure, but also advising services about different testing options. We also help developers to overcome obstacles which occur during the testing procedure.

Our hardware engineering team supported with testing experts and appropriate equipment are the right choice for your product certification. With over 15 years of experience in product certification we are convinced that we are right partner to solve your certification issues.

Please read further information and contact us. It will be our pleasure to assist you with our services.

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Testing of electrical devices according to LVD directive

- Insulation resistance testing
- High voltage and pulse testing
- Short-circuit withstand
- Failure simulation
- Leakage current measurement
- Fast transient immunity measurement

Testing of electrical devices according to EMC directive

- Immunity: Electrostatic discharge (ESD), Electric field radiated immunity, Electrical fast transient (Burst) test, Surge immunity test, Conducted immunity, Magnetic field immunity, Voltage Dips, Drops, Interruptions
- Emissions: Radiated emission test, Conducted emissions, Flickers, Harmonics, THDs

Testing of electrical devices according to RoHS directive

- Testing against hazardous substances in electrical and electronic products (Lead (Pb), Mercury (Hg), Cadmium (Cd), Hexavalent Chromium (Cr(VI)), Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE) due to the IEC 62321, EN 15205

Testing of electrical devices according to RED directive

- Many existing wireless devices are currently assessed for CE to the R&TTE Directive but these devices must conform with the new RED after June 13, 2017. Any new radio transmitter or receiver sold into the European Union on June 13, 2017 or later will have to be assessed for compliance with the RED 2014/53/EU.

Calibrations of measuring devices

- Accredited calibrations for digital multimeters (AC/DC) and power meters
- Other calibrations: V-meters, A-meters, Ohm-meters, Current clamps, Calibrators, Breakdown testers, frequency meters, thermometers, ..

Mechanical testing

- Mechanical testing measures the strength and ductility of materials under various conditions, such as temperature, tension, compression and load:
- Mechanical life cycle testing for electrical and switching devices
- Vibration test
- Testing against shocks and impacts due to EN 60947
- IK test due to IEC 62262
- Fast camera recording