

Safety Testing

In a today's highly competitive world, product safety is what we require and believe to be highly important. Among a flood of diverse products, the ones that have been tested for safety by an independent institution have a competitive advantage on the market.

Say it loud: My products are safe!

A broad range of various product safety requirements exist. Which of these numerous requirements the product will need to meet depends on the type of the product, the environment in which the product will be used, and the country of its intended sale, but product safety testing usually deals with three basic safety aspects:

- **Electrical safety:** hazards related to a product's electrical characteristics;
- **Mechanical safety:** hazards related to a product's physical characteristics;
- **Environmental safety:** hazards resulting from a product's exposure to various environmental conditions.

At SIQ, we are competent and have the know-how and facilities to test for all three aspects of safety. Our laboratories are accredited according to the EN ISO/IEC 17025 standard for testing laboratories and conduct tests in line with national, European, and international standards and manufacturers' specifications.

The range of products we test is wide:

- IT and office equipment;
- Electronic devices and entertainment electronics;
- Household and similar appliances;
- Measuring and other laboratory equipment;
- Gaming devices;
- Luminaires and accessories;
- Switches;
- Automatic electrical control devices;
- Switches for appliances;
- Sockets, socket outlets, and installation accessories;
- Transformers;
- Lasers;
- Electrical medical devices;
- Hand-held tools, electric garden tools, and other machinery;
- Road signaling products (signal heads and variable message traffic signs).





Various Types of Testing

- Partial testing of critical requirements in the product development phase;
- Type-testing according to the requirements of IEC standards, EN standards, and various national standards;
- Testing according to the requirements of the harmonized standards of European CE marking directives;
- Testing according to the requirements of standards for obtaining various certification marks or national certificates in various countries.

Technical Assistance

Together we can find answers to questions such as:

- What technical requirements and regulations must the product comply with?
- Which standards should be taken into consideration when designing a new product?
- How it can be ensured that a product will meet the technical requirements in force in a particular country?
- How can it be determined that a product meets the requirements?
- What marks of conformity are mandatory and must be affixed to a product and what marks are optional?
- Does a product meet the requirements of European directives?
- How can the requirements of different markets be met in a simple and effective way?



Contact

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