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What is CE Marking?

The CE Mark is a mandatory conformance mark required on many products that are to be sold within the European Union (EU). The CE Mark is the declaration that a product complies with all essential requirements of the European health, safety, and environmental protection legislation documented in various Product Directives. The CE symbol indicates the free marketability of industrial and consumer goods throughout the European Economic Area (EEA).

What is the benefit of a CE Mark?

A manufacturer who has gone through the conformity assessment process, may affix the CE marking to their product. CE marking now provides product access to 27 countries with a population of nearly 500 million people.

What does it take to have a CE Mark on my Products?

Manufacturers can apply a CE Mark to their products after they have taken the required steps for compliance. These steps include performing a "conformity assessment", setting up a technical file containing required documentation, and signing an EC declaration of conformity. All of the documentation must be available within a European Union member country for inspection upon request.

If an **Importer** or **Distributor** is marketing a product under their own name, they must assume the responsibilities of the Manufacturer. They must have sufficient documentation on the design and manufacture process because they will be assuming the legal responsibility when they apply the CE Mark to the product.

How can SEI help?

SEI can offer a wide range of assistance with CE Marking. SEI can perform all of the necessary design and engineering reviews to ensure and assist you in preparing your technical files. Since SEI maintains offices in Graz, Austria, we can serve as your required ***European Authorized Representative***.

Since SEI originated in Austria, we have broad experience in CE Compliance and Harmonized European Standards and norms. By allowing us to work with you early in your project, we can help you avoid costly redesign and re-engineering by ensuring your designs and drawings meet the requirements for CE Marking from the start.

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Our CE Marking Process

Low Voltage Directive (LVA)

- *Client submits product details and documentation including designs, bill of materials, and schematics*
- *SEI will identify the Directives that are applicable and determines what additional information is required for assessment and provide a detailed project quotation*
- *SEI will Identify if there are any Harmonized European Standards applicable*
- *SEI will ensure the panel complies with the essential requirements of the Directives*
- *SEI will maintain all Technical Documentation required by the Directives*
- *SEI will prepare the Declaration of Conformity and the required supporting evidence*
- *SEI will affix the CE Mark for your panel*
- *SEI will keep all technical documents available for EU Authorities for a period not less than 10 years*
- *SEI will be manufacturer's Authorized Representative*

Machine Directive

- *Client submits Machine description and manuals, a description of the standards used in construction and assembly, and a description of the quality control procedures used in manufacture*
- *SEI will identify the Directives that are applicable and determines what additional information is required for assessment and provide a detailed project quotation*
- *SEI will ensure the machine complies with the essential requirements of the Directives*
- *SEI will perform a risk assessment for the machine according to EN ISO 14121*
- *SEI will calculate the performance level of electronic parts according to EN ISO 13849*
- *SEI will Identify if there are any Harmonized European Standards applicable*
- *SEI will maintain all Technical Documentation required by the Directives*
- *SEI will prepare the Declaration of Conformity and the required supporting evidence*
- *SEI will affix the CE Mark for your machine*
- *SEI will keep all technical documents available for EU Authorities for a period not less than 10 years*
- *SEI will be manufacturer's Authorized Representative*

Product Directives supported

- Low Voltage Directive (LVD) 2006/95/EG
- Machinery Directive 2006/42/EC

What is a European Authorized Representative?

The Authorized Representative...

- Oversees the manufacturer's compliance using the conformity assessment defined in the European Product Directives that apply to the product
- Ensures their contact information is available to the manufacturer to be placed on the product they are representing because they are the primary contact for the EU Authorities
- Notify EU Authorities of all major incidents pertaining to the product.
- Must understand all EU regulations from each of the 27 EU member states as well as the 4 European Free Trade Association (EFTA) states and provide notification of changes and amendments to directives that affect the product.
- Must keep the product's technical file available at any time for the EU member state's authorities and maintain confidentiality with the manufacturer's sensitive product information.

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