

*If you want to be on the safe side  
be well on your way: choose emtem.com*

## CE MARKING

*The **Declaration of Conformity** and **CE Marking** is a passport that allows products free movement in Europe.*



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## CE marking - A little history

It is already established in the "Treaty of Rome" in 1957 the need to remove the technical barriers that impede the free movement of goods (Art. 100 & 30 -36). Later (1985) it was stated the principle that a product lawfully marketed in one Member State can be legally marketed on the territory of other Member States and also the needs of safety, health and environmental protection should be harmonized in Europe through the Community Directives.

### New Approach

In 1985, the new standards have been adopted for the approximation of the laws of the member states. It was determined that:

- Directives cover the essential health, safety, hygiene and environmental protection.
- The further technical specifications are defined by the Technical Standards "harmonized" developed by the European Institutes for Standardization (**CEN**, **CENELEC** and **ETSI**) under mandate of the Commission.

### Global Approach

A new milestone was reached in 1993 with the Council Decision 93/446 / EEC, which introduced the Modular System uniquely identifying the principles and procedures for the assessment of conformity and the affixing of the CE marking. Conformity assessment can be performed using one or more of the following modules, as provided for by the Directive reference:

**A Module (Internal production control)**

**B Module (EC type-examination)**

**C Module (Conformity to type)**

**D Module (Production quality assurance)**

**E Module (Product quality assurance)**

**F Module (Product verification)**

**G Module (Testing a single product)**

**H Module (Total quality assurance)**

All modules require the intervention of a Notified Body, except A Module.

Directives subsequent to 7 May 1985 in accordance with the "New Approach": cover only the legal aspects, focus on the essential safety requirements; introduce the principle of presumption of conformity for products marked and accompanied by the EC Declaration of Conformity; voluntary return to the use of harmonized standards; ascribe to the manufacturer (or his representative) is responsible for issuing the Declaration of Conformity and affix the CE marking.

In most cases, the manufacturer may proceed independently to assess conformity of their product while maintaining appropriate documentation (**technical file**). In other cases, for those products that the European legislator has judged potentially riskier, is scheduled to attend a third body part, or Notified Body.

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## DIRECTIVES

- **Machine Directive (Directive 2006/42/CE)**
- **PED Directive (Directive 97/23/CE)**
- **ATEX Directive (Directive 94/9/CE)**
- **Construction Products Directive (Directive 39/106/CE)**
- **Toys Directive (Directive 2009/48/CE)**
- **Medical Device Directive (Directive 2007/47/CE)**
- **Low Voltage Directive (Directive 2006/95/CE)**
- **Electromagnetic Compatibility Directive (Directive 2004/108/CE)**
- **Phonometric**
- **Measurement of vibrations**
- **Electrical tests**
- **Education and Training**

## SERVICES

mtm consulting s.r.l. is now sole partner of many companies in different sectors for the application of the CE marking being able to support its customers in:

- all stages of the EC;
- regulatory updates and guaranteed constant over time;
- proposal and execution of training courses ad hoc;
- relationships with notified bodies;
- periodic checks on machinery and equipment;
- checks before installation;
- and much more...

The professional support provided by mtm consulting srl enables its customers to avoid incurring the heavy **penalties** provided for by the legislation:

- penalties for improper marking;
- penalties arising from the activation of the Safeguard Clause;
- criminal penalties provided for in connection with the legislation on occupational safety Decree no. 81/2008 (Health and Safety at Work).

The questions that must be met by companies are the following two:

- have sufficient internal resources and sufficient competence to perform risk assessment and take any corrective actions?
- we are able to keep up to date, informed and compliant?

Responding to these two simple questions every company is able to decide whether it is necessary and convenient to take the road of **outsourcing**.

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## TRAINING

mtm consulting s.r.l. organizes training courses and seminars on CE marking throughout the year in the classroom and in FAD consulted in the following sections on the website:

[http://www.emtem.com/catalogo\\_corsi.html](http://www.emtem.com/catalogo_corsi.html)

[http://www.emtem.com/catalogo\\_seminari.html](http://www.emtem.com/catalogo_seminari.html)

All courses are also regularly held directly at the customer and tailored to their specific needs.

## WEB MEETING

mtm consulting s.r.l. offers to its customers the best technology available. Through the powerful platform **ADOBE** mtm consulting s.r.l. is able to provide advice at a distance with the same added value for the client of a traditional counseling, but with a significant saving of cost, time and environmental impact.

## FOR FURTHER INFORMATION

For more information please visit our website at: [www.emtem.com](http://www.emtem.com) or you can contact us with the following alternatives:

- Phone: +39 039 28 48 437
- e\_mail: [info@emtem.com](mailto:info@emtem.com)
- Through the contact form on our website at the following address: <http://www.emtem.com/contattaci.php>
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To stay up to date in real time on all the proposals and initiatives organized by **mtm consulting s.r.l.** you can register to our website at: <http://www.emtem.com/registratori.php>



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### TRAINING

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PRODUCTION LINES

LINES AND ROBOT

PLANT WELDING

ISLANDS OF PRODUCTION

LASER CUTTING LINES





TESSITURE PIETRO RADICI



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## COMMENTS FROM WHO PARTICIPATED IN OUR COURSES

*"...Good logical thread of various regulations to learn the new Machinery Directive and the various updates of other regulations..."*

*"...Excellent documentation provided both on paper and on CD..."*

*"...Very clearly in the exposure of content sometimes even complex..."*

*"...The topics are many and very interesting. It would take more time to explore some concepts immediately in the classroom..."*

*"...Good explanation of the main harmonized standards thanks to the high competence of the teacher..."*

*"...It's been provided a broad overview of harmonized standards to the Machinery Directive..."*

*"...The material provided is very comprehensive and allows a gradual deepening of the topics..."*

*"...I consider very positive the practical approach that has been given to the discussion of these topics that, at first sight, can sound very theoretical and of difficult practical application..."*

*"...Were supplied general information and methodologies, but that are very useful to draw any manual..."*

*"...The documentation as always is very complete and well organized..."*