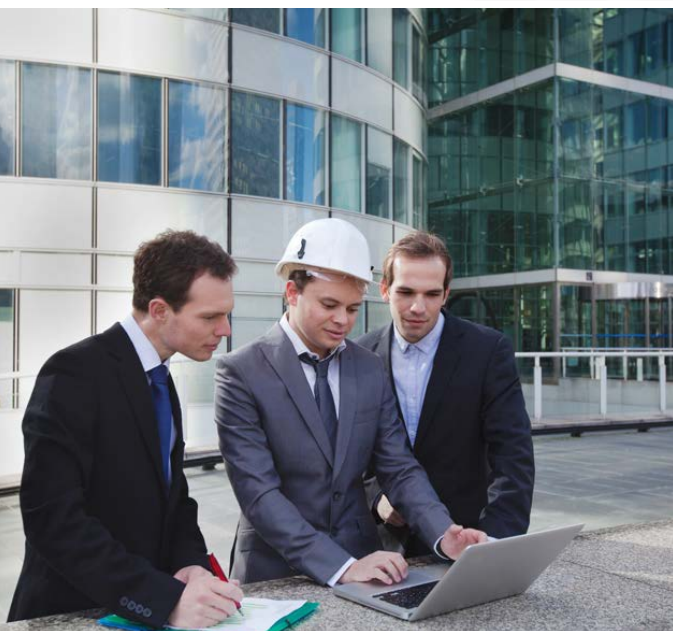




TRAINING THAT DEVELOPS  
*REAL CAPABILITY*



**Machinery Directive: CE Marking  
for Users & Suppliers of  
Machines & Safety Components**

HS031

# Machinery Directive: CE Marking for Users & Suppliers of Machines & Safety Components

This course will provide an overview of the legislative position on CE Marking of Machinery/Safety Components, including the Low Voltage & EMC Directives. It will also cover the technical and procedural aspects involved in Machinery Directive assessments, including testing requirements.

## Duration & Price

Duration: 1 day

Delivery mode: This programme is available In-Company

## Dates & Locations

*In-Company training programmes are customised for your organisations specific needs. Most In-Company training is now delivered virtually.*

## In-Company Training

Please [contact us](#) for more information on our In-Company training options

## What's covered?

- An overview of the EU legislative situation in relation to CE Marking
  - Legislative background
  - Directives v Standards
  - Applicable Directives
  - Relevance of Low Voltage and EMC Directives to Machinery Directive
- The Machinery Directive 2006/42/EC requirements
  - The relevant provisions of the Directive
  - Conformity assessment –what you must do to demonstrate compliance
  - The Essential Health & Safety requirements explained
- Electrical aspects of machine compliance
  - The detailed requirements entailed in EN60204-1: protection against electric shock, earth bonding, wiring, control circuits, testing etc
  - Complying with the Machinery Directive
  - Developing a Safety Strategy
  - Risk Assessment and Risk Reduction (EN ISO 12100)
  - Risk Reduction/Mitigation
  - Safety related parts of control systems (EN13849-1)
- EMC aspects of machine compliance
  - Immunity & Emissions
  - Standards and tests
  - Design guidance

## Who should participate?

- Manufacturers of machines and safety components who wish to gain an overview of the CE Marking requirements of these three directives
- Companies importing production systems or machines who wish to ensure compliance prior to placing the equipment into service, and
- Companies wishing to ensure that their installed plant and procedures conform to the relevant Health & safety legislation

## What will I learn?

Participants achieve the following learning outcomes from the programme;

- Structure and implement a CE Marking Safety Strategy
- Understand the technical requirements of the Machinery & related EU Directives
- Understand the legislation with regard to Machinery & related EU Directives
- Interpret compliance requirements/standards and implement them during design, development, manufacture, operation and maintenance of machinery

## How do we train and support you?

### **In-House Courses**

For In-House courses, the Tutor will contact the Course Organiser in advance to discuss the programme in more detail in order to tailor it specifically to the organisation.

### **Course Manual**

Delegates will receive a very comprehensive course manual.

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