

► Machinery Safety Expert



Training objective

The aim of the Pilz programme is to allow delegates to understand safety regulations and standards in reference to existing machinery, as well as to the design and construction of new machinery. The training provides guidance on how to implement the legal and statutory requirements pertaining to machinery.

In the training the delegates will

- ▶ develop a greater understanding of European Regulations and Standards in relation to machinery
- ▶ discover how these may be applied to the design, build, maintenance and operation of machinery used within the European Economic Area
- ▶ understand the obligations to be met when specifying, designing, constructing or putting a machine into service
- ▶ enhance their competence in designing safety systems

With successful participation assessed through a written “open book” examination, the delegates will be awarded with a Pilz certificate.

Keep up to date with Safety Training:

Webcode 0218

Online information at www.pilz.com



Target groups

Automation and Machine Designers, Project Engineers, Maintenance Engineers and Engineering Managers

Training contents

This training is delivered in 4 standalone modules leading to overall certification as Machinery Safety Expert.



Module/Day 1:	<ul style="list-style-type: none">▶ Introduction to Safety▶ International Legislation▶ CE Marking▶ Safety Standards
Module/Day 2:	<ul style="list-style-type: none">▶ National Legislation▶ Risk Assessment Theory▶ Occupational Health and Safety
Module/Day 3:	<ul style="list-style-type: none">▶ Safeguarding techniques▶ Safety components and systems▶ Electrical Safety (EN 60204/NFPA 79)
Module/Day 4:	<ul style="list-style-type: none">▶ Design of Safety related parts of Control Systems▶ Functional Safety standards including ISO 13849 and IEC 62061▶ Use of Pneumatic and Hydraulic components in safety systems

What you can expect

By the end of the course, the participants will

- ▶ know the legal and statutory requirements for assessing, maintaining and ensuring compliance of new and existing machinery
- ▶ have enhanced their capability in the specification, design implementation and validation of machinery safety systems
- ▶ attain a certificate as machine safety expert

Location of training

“Machinery Safety Expert” training is typically organised on 4 consecutive days at selected Pilz locations. Flexible schedules can be arranged in-house at your facility customised to your requirements.

For further information or order contact details: www.pilz.com or contact details below

To discuss with Pilz contact

