

▶ Electrical Machine Safety in Industrial Installations



Training objective

The aim of the training is to introduce delegates to the fundamentals of electrical safety on machinery and other industrial installations. The requirements of the IEC 60204 standard in relation to the electrical safety of machinery are outlined. The application of NFPA 79 is also considered.

Target groups

Electricians and Maintenance Personnel, Machine Designers, Electrical Engineers and Safety Engineers


Training contents

This training deals with the requirements to be considered when designing, constructing or maintaining the electrical, electronic and programmable electronic equipment and systems in machinery and industrial applications.

Topics include:

- ▶ Introduction to Safety Legislation
- ▶ Review of the standards for safe construction of machines and plant
- ▶ Electrical installation requirements
- ▶ Electrical Hazards
- ▶ Measures for protection against electric shock
- ▶ Good wiring practice
- ▶ Requirements for operator interface with machine control functions and devices
- ▶ Requirements for the location, mounting and enclosure of controlgear
- ▶ Validation and verification

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 Webcode 0218

Online information at www.pitz.com



What you can expect

By the end of the course, the participants will

- ▶ understand the scope of electrical equipment to which the standard IEC 60204 and equivalent national standards apply
- ▶ be aware of the general and specific standard requirements to ensure the protection of those using the machine, and also the machine itself
- ▶ learn the specific requirements of control functions, control devices, controlgear etc. taking into account operator interface with the machine
- ▶ know the test and technical documentation requirements to verify that the machine or assembly of machines complies

Location of training

“Electrical Machine Safety in Industrial Installations” is provided at selected Pilz locations or 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

Other training

We offer a comprehensive selection of Safety Training including:

- ▶ New Machinery Directive 2006/42/EC
- ▶ CE Marking Process and Certification
- ▶ Safety Control System Design
- ▶ Machinery Safety Expert

To discuss with Pilz contact

