



## ▶ 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 installations. The requirements of the IEC 60204 standard in relation to the electrical safety of machinery are outlined.

**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

**Target groups** Electricians and Maintenance Personnel, Machine Designers, Electrical Engineers and Safety Engineers

**What you can expect** By the end of the course, the participants will

- ▶ understand the scope of electrical equipment to which the standard EN 60204-1 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

Online Information  
and Registration:

 Webcode 3652

[www.pilz.co.uk](http://www.pilz.co.uk)



	Pilz Training Centre, Corby	In-House Training at your Premises
<b>Course Reference</b>	010002T	010002T
<b>Duration</b>	1 Day 9:00 – 17:00	1 Day 9:00 – 17:00
<b>Max. Delegates</b>	max. 8 People	max. 8 People (dep. on facilities)
<b>Price</b>	£200 plus VAT per Person (min. day rate of £800 plus VAT for company specific courses)	£250 plus VAT per Person plus travel expenses (min. day rate of £1000 plus VAT plus travel expenses)
<b>Course Dates</b>	See schedule overview or <a href="http://www.pilz.co.uk/services">www.pilz.co.uk/services</a>	By arrangement