

## IEC 61010

Learn the basics of IEC 61010 with working examples, team exercises and our industry knowledge and experience. Gain a clear understanding of the safety requirements for electrical equipment for measurement, control, and laboratory use. The training includes an insight into methodologies and techniques as well as the terms and definitions to enable you to successfully pass any regulatory approval.

**DURATION:** 1 Day

**LANGUAGE:** English or German

### COURSE CONTENT:

- Scope and object
  - Terms and definitions
  - RISK assessment and analysis techniques
  - Type Tests and the requirements associated with them
  - Marking and documentation
  - Protection against electric shock
  - Protection against mechanical HAZARDS
  - Resistance to mechanical stresses
  - Protection against the spread of fire
  - Equipment temperature limits and resistance to heat
  - Protection against HAZARDS from fluids
  - Protection against radiation, including laser sources, and against sonic and ultrasonic pressure
  - Protection against liberated gases and substances, explosion and implosion
  - Components and subassemblies
  - Protection by interlocks
  - HAZARDS resulting from application
  - Electromagnetic relationship to IEC 60601-1-2 and the compatibility IEC 61326
  - IEC 61010 and the FDA
  - -2 particular standards with device specific requirements.
- The course can be tailored based on your specific -2 standard choices.

### TARGET AUDIENCE:

Product designers, regulatory approval staff, production support engineers, scientists and laboratory staff.

### PREREQUISITES:

This course is suitable for delegates with no prior knowledge of IEC 61010 or can be customised for a more experienced audience.

### FURTHER INFORMATION:

The training takes place either online or live and lasts 8 hours (including a 30 minute lunch break and 2 shorter breaks).

On request we grant a discount for group bookings.

**Your partner for functional safety and regulatory compliance.**

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### TEST, PROCESS CONTROL AND LABORATORY EQUIPMENT:

Safety & Performance



**TRAINER:**  
**Alastair Walker**

We are happy to work with your organisation to develop **customised and cost effective training** that meets your requirements in terms of date, timing and content.

### PLEASE CONTACT US FOR YOUR BOOKING OR ENQUIRY:

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