

### IEC 60601 ADVANCED COURSE

The course content is designed for experienced engineers who want to learn more about the implementation and application of the IEC 60601 standard. You will be introduced to analysis techniques, methods and procedures proven in practice and benefit from our industry knowledge and experience by using detailed IEC 60601 work examples.

**DURATION:** 1 Day

**LANGUAGE:** English or German

#### COURSE CONTENT:

- Comparison of risk analysis techniques based on device classification and technology
- Relationship to IEC 60664 and IEC 60112, pollution degree, transients altitude and comparative tracking index
- Generating isolation diagrams
- Electrical hazard test methods
- Programmable electrical medical systems (PEMS) methods and techniques in detail
- Radiation hazard analysis and techniques (including neutron and alpha)
- Battery safety in 60601
- Cybersecurity relating to hardware and 60601
- EMC techniques and practices
- Relationship to IEC 62353 for post release testing
- Detailed overview of 60601 particular standards
- Many worked examples based on 60601 projects
- A look ahead to the proposed changes in V4.0 of IEC 60601

#### TARGET AUDIENCE:

Experienced engineers, project managers and quality engineers.

#### PREREQUISITES:

This course is designed for participants with previous knowledge of the IEC 60601 standard.

#### FURTHER INFORMATION:

The training takes place either online or live. The duration of the training is 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.**

## IEC 60601 MEDICAL ELECTRICAL EQUIPMENT: Methods & Techniques



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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