

Expert-led training. Globally recognised.

Intertek Training Academy

Training courses for product manufacturers

intertek.com/training/uk/





Build confidence into your compliance strategy

Bringing a product to market means meeting complex and evolving regulatory requirements. Our technical training courses are designed to give you the knowledge and practical tools to get compliance right from the start, while saving you time, reducing risk, and helping you move faster to market.

Whether you're launching a new product, updating a design or reviewing processes after regulatory changes, Intertek's training helps you understand what applies, what regulators expect, and how to stay compliant with confidence.

Why choose Intertek?

Our training is built on practical, real-world insight and delivered by technical specialists who work with manufacturers every day. We're trusted globally for our compliance expertise across product sectors and focus on what matters most, helping you avoid delays, reduce risk, and bring safe, compliant products to market with confidence.

Who should attend?

Our courses are ideal for:

- Product designers and engineers
- Compliance and regulatory professionals
- Quality and Assurance teams
- Product Managers and Development teams
- Buyers and supply chain professionals

No matter where you are in the product lifecycle, these training courses provide the insight and clarity needed to support compliant product development.

Our courses



CE Marking

Course overview

If you place products on the European market, you must be able to demonstrate that they meet all applicable EU requirements. CE marking is the manufacturer's formal declaration that a product complies with the relevant Directives and can be legally sold in the EU.

Lack of control over CE marking can be costly, particularly if a product is subject to market surveillance action or involved in an incident. Delays, product withdrawal, and enforcement action are real risks when compliance is not clearly understood or documented.

Our one-day course provides a practical, step-by-step overview of the CE marking process. Drawing on Intertek's experience supporting manufacturers every day, our technical experts guide you through identifying applicable legislation, assessing compliance gaps, planning and carrying out testing, and preparing both the Technical File and the Declaration of Conformity.

Who should attend

Ideal for those who need an introduction to CE marking including compliance planning, quality assurance and product design team members who are responsible for product assessment, testing, certification and compliance.

Agenda:

- What has changed, how does it affect me, when does it apply?
- CE/UKCA Marking, what is it?
- LVD, EMC, Safety, Machinery - New Approach Directives
- Hazardous locations ATEX - a consideration
- Global Certification and Product markings requirements
- Next steps - GAP analysis

Location: Online

Duration: 1 day

Prerequisites: None.

Discounts available for 2+ delegates. Get in touch [by email](#) for special rates.



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IEC/EN 60335-1 – Household Appliances

Course overview:

All companies selling household appliances on the EU market must demonstrate compliance with applicable EU directives, including the Low Voltage Directive (LVD), the Machinery Directive (MD), or the Radio Equipment Directive (RED). Using the harmonised standard IEC/EN 60335-1 is one of the most common routes to demonstrating this compliance.

However, few household appliances tested to this standard pass all required tests at the first attempt, often leading to costly design modifications late in the development process. This course gives you the in-depth knowledge of the standard's requirements you need to avoid those pitfalls and reach the market with confidence.

Delivered by Anders Åhman, Intertek's global technical leader for IEC/EN 60335-1 and a member of technical committees SEK TK61 and TK116, this course combines regulatory grounding with practical, real-world insight.

Who should attend

Designers of electrical and electronic products, R&D managers, quality managers, purchasers, and anyone who needs to understand the regulatory requirements for household appliances.

Agenda:

- Basics of product liability and CE Marking
- Explanation and interpretation of IEC/EN 60335-1 requirements
- Basic battery requirements
- IP classification
- IEC/EN 60335-1 and Functional Safety
- IEC/EN 60335-1 and Cybersecurity

Location: Online

Duration: 1 day

Prerequisites: To get the most out of the course, you should have some experience working with construction and safety requirements, as well as have a read through of the standard.

Discounts available for 2+ delegates. Get in touch [by email](#) for special rates.



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IEC/EN 62368-1 – Audio/Video, IT & Communications Equipment

Course overview:

Course overview: IEC/EN 62368-1 represents a fundamental shift in how product safety standards are written — it's the first standard developed using a risk-based approach, replacing both IEC 60065 and IEC 60950-1. Understanding its underlying principles is key to developing compliant products efficiently and getting to market faster.

This course first introduces the basic principles of the standard, then shows how those principles are applied to classify hazards and design appropriate protective measures. As different editions of the standard are applied in different markets around the world, the training covers editions 2, 3, and 4, with key differences highlighted throughout.

Who should attend

Who should attend Anyone who needs to understand the underlying principles of the standard, the most common risks, and the protective measures required to develop safe, compliant products — particularly those looking to minimise the risk of costly redesigns.

Agenda:

- Overview of directives, editions and CE Marking
- Structure of the standard
- Basic safety principles and the risk-based approach
- Electrically caused injury and fire
- Mechanically caused injury
- Thermal burns
- Differences between editions 2, 3 and 4

Location: Online

Duration: 1 day

Prerequisites: None.

Discounts available for 2+ delegates. Get in touch [by email](#) for special rates.



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IEC 60601-1 Ed. 3.2 – Medical Electrical Equipment

Course overview

Course overview: Nearly all medical devices tested to IEC 60601-1 Ed. 3.2 fail to comply with the standard's requirements at first submission – and just as many are rejected on their Risk Management File. The consequences are significant: delayed market entry, lost sales, and costly redesigns that could have been avoided.

This course gives you the in-depth knowledge of the standard you need to navigate the compliance process effectively. You'll leave with a thorough understanding of the requirements, the test methods, and how to structure a Risk Management File that stands up to scrutiny.

Who should attend

Primarily aimed at those working in medical device development. Also relevant to quality managers and regulatory affairs professionals.

Agenda:

- The standardisation process and development history of IEC 60601-1
- Applied parts and electrical safety requirements
- Electrical, mechanical, fire, and temperature hazards
- Component requirements
- Interpretation of key requirements
- Test methods
- Risk Management File requirements

Location: Online

Duration: 1 day

Prerequisites: To get the most out of the training, it is an advantage (but not essential) if you have read the standard and have some experience of design and safety requirements.

Discounts available for 2+ delegates. Get in touch [by email](#) for special rates.



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Regulatory requirements for Battery Energy Storage Systems (BESS)

Course overview

Battery Energy Storage Systems (BESS) are playing an increasingly important role in supporting the transition to renewable energy and the electrification of modern infrastructure. As deployment increases, manufacturers and developers must navigate a complex and evolving regulatory landscape.

Regulatory requirements for BESS differ significantly between geographical markets. In Europe, the EU Battery Regulation (2023/1542) introduces new requirements for safety, sustainability and CE marking. In North America, compliance typically involves national codes, product testing and certification through a Nationally Recognised Testing Laboratory (NRTL).

This half-day course provides an overview of the key regulatory requirements for placing Battery Energy Storage Systems on the European and North American markets, helping participants understand the applicable legislation, standards and routes to compliance.

Who should attend

This course is aimed at professionals involved in the development, design and regulatory compliance of Battery Energy Storage Systems. It may also be relevant to quality managers, purchasing teams, sales professionals and others with responsibility for regulatory compliance or market access.

Agenda

- Relevant EU Directives
- EU Battery Regulation and CE Marking requirements
- Applicable IEC safety standards
- North American codes and requirements
- UL safety standards
- Compliance strategies for European and North American markets

Location: Online

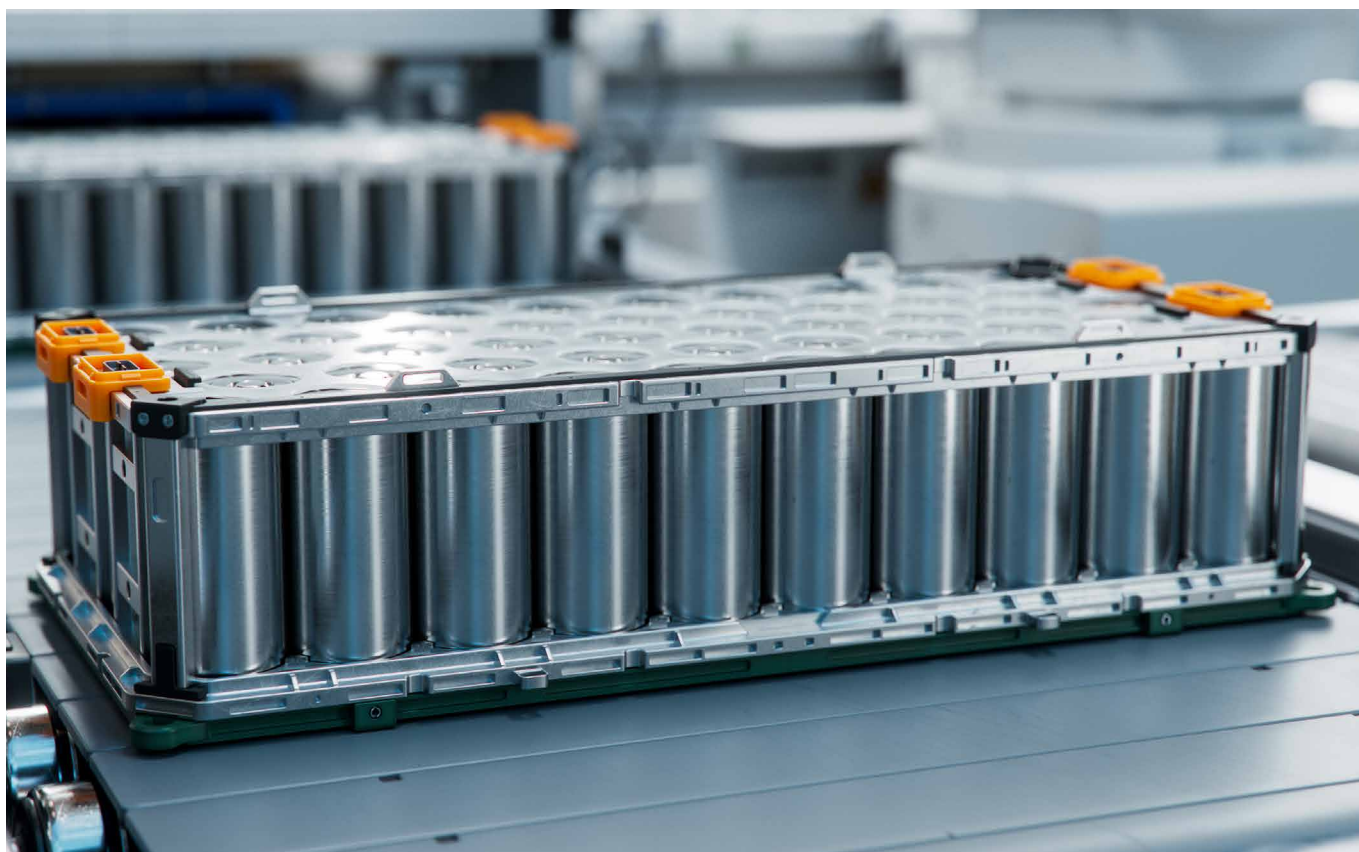
Duration: Half day

Prerequisites: None.

Discounts available for 2+ delegates. Get in touch [by email](#) for special rates.



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Lithium-Ion batteries: Powering today and tomorrow

Course overview

Lithium-ion batteries have become the preferred energy storage technology for a wide range of consumer and industrial applications, from portable electronics to electric vehicles. Their high energy density, low weight and performance characteristics continue to drive adoption across multiple industries.

This course provides a practical introduction to lithium-ion battery technology, covering how batteries work, the different chemistries available, safety considerations and factors that influence performance and lifespan.

Participants will gain a solid understanding of lithium-ion batteries and their role in product development, helping them make informed decisions when selecting, integrating and managing battery technologies.

Who should attend

This course is suitable for organisations that manufacture, use or supply products containing lithium-ion batteries. Relevant roles include: Product developers and designers, Product managers, Purchasing professionals, Quality professionals, Research and development teams.

Agenda

- Battery fundamentals
- Lithium-ion chemistries and applications
- Performance characteristics and environmental considerations
- Extending battery lifespan
- Current developments and future trends
- Safety considerations and risk management
- Design and integration considerations
- Testing, compliance and transport requirements

Location: Online

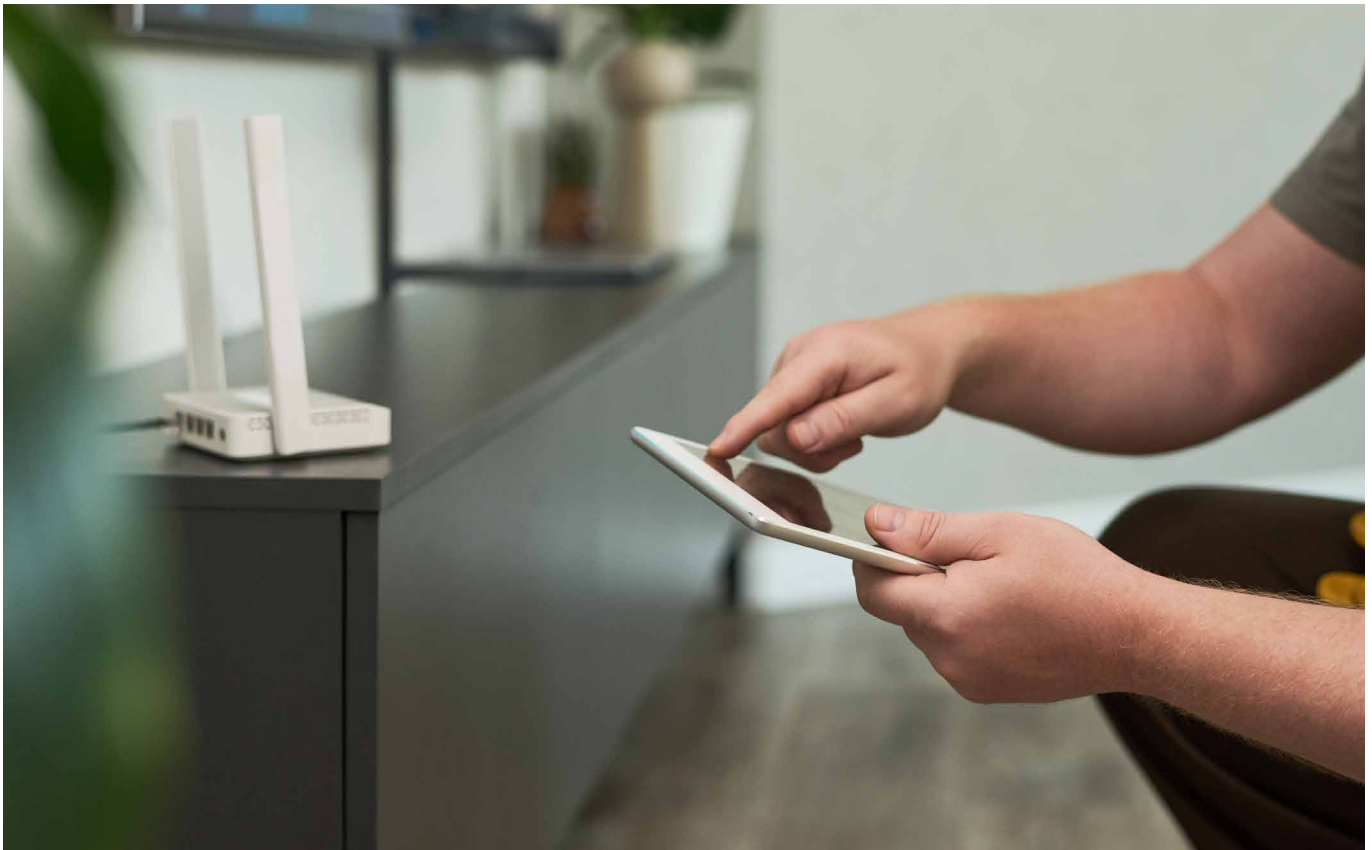
Duration: 1 day

Prerequisites: None.

Discounts available for 2+ delegates. Get in touch [by email](#) for special rates.



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EMC and RED Directives

Course overview

Many modern electrical products incorporate wireless communication technologies, meaning manufacturers must often demonstrate compliance with both the Electromagnetic Compatibility (EMC) Directive and the Radio Equipment Directive (RED).

This course provides an introduction to the requirements of both Directives, explaining the key principles of electromagnetic compatibility, wireless communication compliance and the steps required to achieve market access.

Participants will gain an understanding of the testing, documentation and conformity assessment activities needed to support compliance with EMC and RED requirements.

Who should attend

This course is intended for those seeking a high-level introduction to EMC and RED requirements.

Suitable participants include: Product managers, Purchasing professionals, Sales and marketing teams, Quality professionals, Design and engineering teams, Production personnel.

Agenda

EMC

- What is EMC?
- Understanding poor EMC performance
- Overview of EMC phenomena
- Emissions, immunity and electromagnetic environments
- EMC as a CE marking requirement
- Why EMC testing is required
- What EMC testing involves
- Demonstrating compliance with the EMC Directive
- Declarations of Conformity and EMC requirements

RED

- Overview of RED requirements
- Cybersecurity considerations
- Wireless technology choices and market access
- RED testing requirements
- North American wireless testing and certification
- Overview of requirements in other key export markets

Location: Online

Duration: 1 day

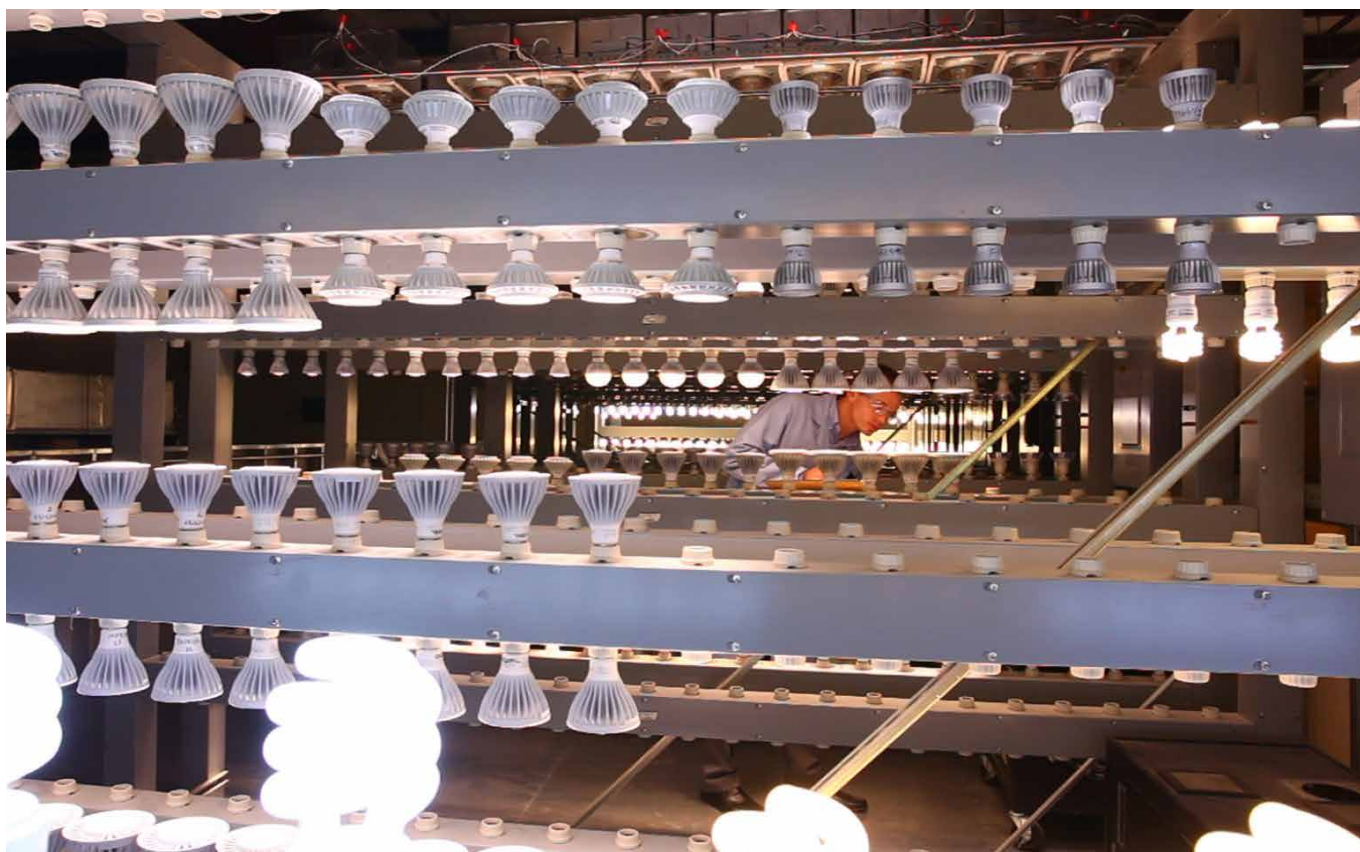
Prerequisites:

Participants should have a basic awareness of CE marking and the process of obtaining CE marking.

Discounts available for 2+ delegates. Get in touch [by email](#) for special rates.



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Managing REACH, POPs and RoHS requirements in consumer products

Course overview

REACH, POPs and RoHS regulations place important obligations on manufacturers, importers and suppliers of consumer products. Understanding how these regulations apply, where exemptions exist and how requirements continue to evolve is essential for maintaining market access and reducing compliance risk.

This half-day course provides an overview of the regulatory framework surrounding REACH, POPs and RoHS, helping participants understand their obligations and identify practical approaches to compliance.

The course also explores current developments, emerging requirements and examples of how manufacturers can address regulatory challenges in practice.

Who should attend

This course is suitable for: Quality Managers, Compliance Managers, Product Safety Professionals, Regulatory Affairs Personnel.

Agenda

- REACH, POPs and RoHS applicability
- Key exemptions and regulatory obligations
- Upcoming developments and future considerations
- Global recall portals and market surveillance
- Laboratory testing methods and practical applications
- Practical approaches to achieving marketability in consumer products

Location: Online

Duration: Half day

Prerequisites: A basic understanding of REACH and POP regulations is advantageous but not essential.

Discounts available for 2+ delegates. Get in touch [by email](#) for special rates.



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More than just training

Intertek is a purpose-led company bringing quality, safety and sustainability to life. We provide 24/7 mission-critical quality assurance solutions to our clients to ensure that they can operate with well-functioning supply chains in each of their operations.

We offer innovative solutions that encompass every aspect of life through ATIC (Assurance, Testing, Inspection and Certification) services to our customers around the world.

We go beyond the Testing, Inspection and Certification of products; we are a leading Total Quality Assurance (TQA) provider to industries worldwide, with a network of more than 1,000 laboratories and offices and 45,000 people in more than 100 countries.



Ready to book?

Courses are delivered both online and in person at our Milton Keynes office.

Group bookings and tailored sessions are available. Please contact the Intertek Training Academy team for the latest availability and group pricing. Bespoke training can also be arranged on request.

Contact us

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