

EUCHNER ACADEMY TRAINING GUIDE 2025





TRUSTED PARTNER

EUCHNER – A leader in Machinery Safety Engineering Training

Ensure your team's safety and compliance with our specialized machinery safety training courses, expertly designed and delivered by industry specialists. Our comprehensive programs provide essential knowledge of statutory requirements, solutions to safety challenges, and strategies to eliminate safety gaps while aligning with the latest safety engineering standards. Whether you're a machine manufacturer or a machinery end user, maintaining safety throughout the equipment lifecycle is crucial. With our targeted courses, you'll have all the insights and tools needed to uphold safety excellence and regulatory compliance. Invest in training that protects your workforce and elevates your operations.

CPD Accreditation

Euchner's training courses are CPD accredited, ensuring they meet the high-quality standards for professional learning and development. This accreditation guarantees that the courses are structured, up-to-date, and relevant, empowering professionals to expand their knowledge in a meaningful, recognised way. CPD-accredited courses provide a structured pathway for learners to enhance their skills, ensuring that their training is not only industry-approved but also contributes toward their career growth and compliance requirements.





INTRODUCTION TO MACHINERY SAFETY

Course Overview

Unlock the essentials of machinery safety with our comprehensive training course, designed to equip you with the knowledge and skills to safeguard yours or your customers workplace. This course offers a clear understanding of why machinery safety is crucial and how it impacts your business. Tailored for professionals looking to stay ahead, it covers key safety regulations and standards in the UK and EU, including PUWER, CE, and UKCA marking requirements. You will also become aware of effective risk assessment techniques and gain insights into some of the key machinery safety standards. Join us to ensure compliance, boost workplace safety, and confidently manage machinery safety to protect both your team and your business.

Who Should Attend?

This course is aimed at professional looking for an introduction to machinery safety, including:

- Managers
- Supervisors
- Maintenance Personnel
- Engineers
- Other personnel with a responsibility for the safety of work equipment

Learning Objectives & Course Content

- Introduction to the legislative framework
- Understanding of the Supply of Machinery (Safety) Regulations 2008
- Identify the documentation requirements of the Technical File
- Introduction to the standards framework
- Understand requirements for guarding and other protective devices
- Introduction to safety-related parts of control systems including EN ISO 13849-1
- Introduction to electrical safety of machinery including EN 60204-1
- Introduction to pneumatics and hydraulics including EN ISO 4413/4414
- Defining the need for undertaking risk assessments
- The process of conducting and documenting a risk assessment
- Understanding the requirements of PUWER

Duration - 3 Days

Price - £995.00 per delegate



INTRODUCTION TO THE PROVISION AND USE OF WORK EQUIPMENT REGULATIONS (PUWER)

Course Overview

Maximise work equipment safety and compliance with our focused training course on The Provision and Use of Work Equipment Regulations (PUWER). Designed to empower you with essential knowledge, this course highlights the critical importance of equipment safety in the workplace. You'll learn how to effectively manage equipment safety through thorough physical inspections and by implementing safe operating procedures and best practices. Whether your equipment is newly introduced or currently in use, this course will provide you with the tools needed to ensure its handled safely, reducing risk and boosting operational efficiency.

Who Should Attend?

This course is aimed at professional looking for an introduction to the PUWER regulations and machinery risk assessment, including:

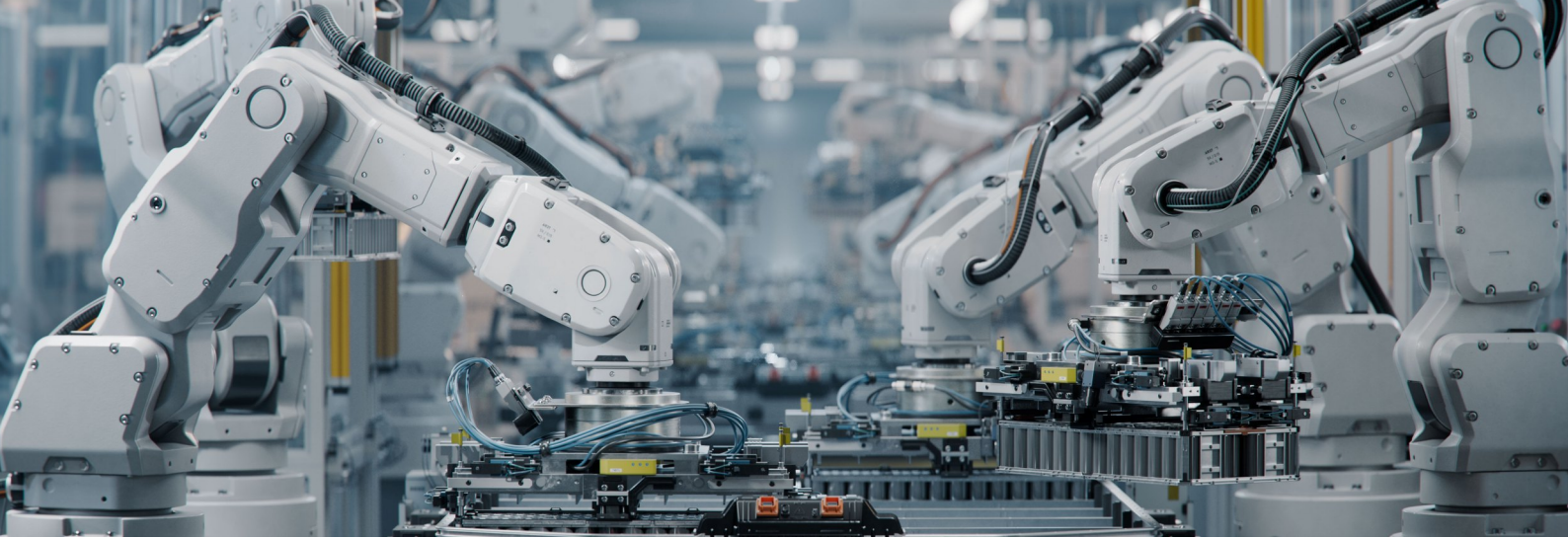
- Managers
- Supervisors
- Maintenance Personnel
- Engineers
- Other personnel with a responsibility for the safety of work equipment

Learning Objectives & Course Content

- Introduction to the standards framework
- Understanding the requirements of PUWER
- How PUWER affects you and your organisation
- An overview of the assessment procedure
- Identifying areas of non-compliance
- The implementation of corrective actions

Duration - 1 Day

Price - £345.00 per delegate



MACHINERY CONFORMITY ASSESSMENT (UKCA & CE MARKING)

Course Overview

Unlock the path to machinery compliance with our comprehensive course on UKCA / CE marking. This training equips you with a clear understanding of the entire conformity assessment process, from applying essential safety regulations and directives to utilising harmonised standards. You'll gain valuable insights into the legal framework and learn every step needed to achieve conformity for your machinery. Upon completion, you'll be ready to confidently navigate the compliance process, ensuring your machinery meets both UK and EU regulatory requirements. Stay compliant, avoid costly errors, and protect your business with this essential training.

Who Should Attend?

This course is aimed at professionals looking for assistance and advice on the current UKCA applicable regulations affecting machinery and the changes to the certification process, including:

- Machinery Design Engineers
- Project Engineers
- H&S Managers
- Procurement Personnel
- Importers/Exporters of Machinery
- Those responsible for modifying or upgrading existing machinery
- Other personnel with a responsibility for placing machinery in the GB market

Learning Objectives & Course Content

- Introduction to the standards framework
- Understanding of the Supply of Machinery (Safety) Regulations 2008
- Defining a machine, assembly or significant modification
- Understanding of the Safety related parts of the control system (SRP/CS)
- Building safety and ergonomics into design
- Creating the Technical File (TF)
- Using and affixing the UKCA / CE mark

Duration - 1 Day

Price - £345.00 per delegate



MACHINERY SAFETY FOR OPERATIONAL PERSONNEL

Course Overview

Our comprehensive Machinery Safety for Operational Personnel course is designed for personnel with management responsibility seeking to enhance their understanding of fundamental machinery safety principles essential for ensuring a safer working environment. This course covers key aspects such as the importance of machinery safety and your business, the legislative framework and essential safety standards. This course will help you gain the underpinning knowledge and regulatory insights needed to maintain safety and compliance in their operations. Equip yourself and your team with the expertise to meet industry standards confidently and safeguard your workplace.

Who Should Attend?

This course is aimed at those looking for an introduction / awareness of machinery safety, including:

- Directors
- Leadership Teams & Management
- Procurement Personnel
- Health & Safety Professionals
- Human Resources
- Project Managers
- Operation & Production Managers
- Maintenance Personnel

Learning Objectives & Course Content

- Importance of machinery safety
- Incorporating machinery safety into your business culture
- Introduction to the legislative framework
- Understanding the requirements of The Provision and Use of Work Equipment Regulations 1998 (PUWER)
- Introduction to the Management of Health and Safety Regulations 1999
- Understanding the requirements for the conformity assessment process including Supply of Machinery (Safety) Regulations 2008
- Introduction to machinery safety standards framework
- Identifying key machinery safety standards

Duration - 1 Day

Price - £345.00 per delegate



SAFE SYSTEM DESIGN AND VERIFICATION TRAINING (EN ISO 13849-1)

Course Overview

Master the complexities of safety-related control system design with our intensive two-day course. As modern factories evolve, ensuring the safety of both personnel and machinery has become increasingly complex. This course is tailored for machine designers, providing a deep dive into the requirements of the BS EN ISO 13849-1 standard for machinery safety. You'll gain a clear understanding of key terminology and acquire practical knowledge of the verification process for safety-related control systems, including the use of SISTEMA software. By the end of the course, you'll be equipped to begin the journey in designing safer systems that meet industry standards.

Who Should Attend?

The course is aimed at those who have responsibilities within the scope of BS EN 13849-1. In particular:

- Machinery Design Engineers
- Project Engineers
- Control and Instrumentation Engineers
- Mechanical / Electrical Engineers
- Those responsible for modifying or upgrading existing machinery

Learning Objectives & Course Content

- Provide an understanding of the various parts of BS EN ISO 13849 to allow the delegate to understand the meaning of key terminology including Performance Level (PL), Diagnostic Coverage (DC), Common Cause Failure (CCF), Mean Time to Dangerous Failure (MTTDF)
- Awareness of safety software design and the considerations required to ensure a safe overall scheme is implemented including hardware & software.
- The different technologies included within a typical safety-related control system, including electrical, pneumatic and hydraulic.
- Understanding the importance of Diagnostic Coverage and Common Cause Failure
- Examples of calculating the performance level required for various safety functions within a typical SRP/CS.

Duration - 2 Days

Price - £690.00 per delegate



MACHINERY RISK ASSESSMENT AND RISK REDUCTION

Course Overview

Enhance your ability to conduct machinery risk assessments with our practical one-day course. This training provides essential knowledge on how to identify, assess, and document machine-related hazards using proven techniques. You'll learn how to apply a structured risk-reduction process based on ALARP principles, ensuring hazards are minimized effectively. By the end of the course, you'll have the greater understanding in implementing a thorough risk-reduction program, equipping you to boost workplace safety and ensure compliance with relevant standards.

Who Should Attend?

This course is aimed at professionals with a requirement to practice machinery & equipment risk assessments in their own plant or for occupational H&S personnel looking to include more detailed machinery assessments in their current program, including:

- Machinery design engineers
- Project Engineers
- Maintenance Personnel
- H&S Managers
- Importers of machinery
- Machinery Users
- Those responsible for modifying or upgrading existing machinery

Learning Objectives & Course Content

- Defining the need for undertaking risk assessments including legal obligations
- Understanding of the harmonised standard BS EN-12100 relevant to machinery risk assessment
- Clarification of common terms and the relationship between hazard & risk
- Identification of hazards using various techniques
- Risk assessment documentation requirements and management of outcomes
- Appraising the results of the assessment through the use of ALARP
- Prioritising corrective actions using documentation produced

Duration - 1 Day

Price - £345.00 per delegate



BESPOKE TRAINING COURSES

Course Overview

Alongside the range of standard training courses offered by EUCHNER at our facilities, we can also deliver bespoke training suited to your individual needs. The sessions are offered in two formats:

Bespoke Course Content

The training material delivered on these unique courses will cover the subjects of interest specified by you. Whether this is exploring machinery safety for specific applications or industries, or examining particular standards and regulations, we can accommodate your requirements.

Duration – TBC

Price - TBC

EUCHNER (UK) Training Courses 2025

Machinery Safety Training Courses	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Days
Introduction to Machinery Safety	21 st - 23 rd			15 th - 17 th			15 th - 17 th			21 st - 23 rd			3
Safe System Design and Verification (EN ISO 13849-1)			18 th - 19 th			17 th - 18 th			16 th - 17 th			9 th - 10 th	2
Machinery Conformity Assessment (UKCA & CE Marking)		18 th			20 th			19 th			18 th		1
Machinery Risk Assessment and Risk Reduction		19 th			21 st			20 th			19 th		1
Introduction to Provision and Use of Work Equipment Regulations (PUWER)		20 th			22 nd			21 st			20 th		1
Machinery Safety for Operational Personnel			26 th						24 th				1
Bespoke Machinery Safety Training					Available on Request	Available on Request							TBC

EUCHNER SAFETY SERVICES

GENERAL CONTACT

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EUCHNER

More than safety.