



City & Guilds Assured 4 Day Machinery Safety Course

Overview

This practical training course is designed for professionals who need confidence and clarity in machinery safety compliance.

This four-day course combines legislation, standards, and best practice into a clear learning pathway, giving you a complete understanding of the machinery safety lifecycle and enabling informed, defensible safety decisions. On successful completion, delegates are awarded the City & Guilds Assured Machinery Safety Certification.

Accreditations

Approved by the following certification bodies:

- + City & Guilds – Assured Global Benchmark
- + Continuous Personal Development (CPD) - Equivalent to 28 Hours of CPD



Who Is This Course For?

- Machine Manufacturers, Installers, Operators
- Engineering Managers
- Design Engineers
- Safety & Compliance Officers

The CPD Standards Office

CPD PROVIDER: 21955
2025-2027

www.cpdstandards.com



Get certified in only 4 Days!

Learning Outcomes

By completing this course delegates will be able to:

- Understand the principles of machinery safety and relevant UK and international standards.
- Apply the machinery safety lifecycle, from design and installation through to operation, modification, and decommissioning.
- Carry out and review machinery risk assessments and identify appropriate risk reduction measures.
- Interpret legal and regulatory requirements, including CE/UKCA marking obligations.
- Develop practical machinery safety strategies that can be implemented within the workplace.
- Improve organisational compliance and reduce machinery-related risks.

Key Benefits

- Earn a City & Guilds assured digital credential and printed certificate boosting professional value.
- Understand the entire machine safety lifecycle, from initial risk assessment (ISO 12100) to safe implementation and compliance.
- Engage in hands-on wiring of E-stops, guard switches, and fault monitoring, bridging theory with practice.
- Learn to design, implement, and maintain safer systems, reducing risks and enhancing overall business safety.
- Gain 28 hours of Continuing Professional Development (CPD).
- Learn from experienced Pilz Application Engineers using state-of-the art training facilities.

Requirements

This course has no formal prerequisites and is suitable for a range of participants. Basic engineering knowledge or experience of working with machinery is recommended to enhance understanding, but it is not mandatory for attendance.



Dates: Contact us or scan the QR code for our latest dates | **Duration:** 4 days, 09:00 - 17:00
Fee: £ 1,650* + VAT, per person | **Location:** Scattergood & Johnson Ltd, Leeds, LS12 6ET
Course code: 1T000064

* INCLUDES THE TRAINING MATERIAL AND THE ISSUING OF THE CERTIFICATE



Course Contents:

Day 1

- Introduction
- Management of Health and Safety at Work Regulations
- CE Marking requirements covering Machinery, EMC and Low-Voltage Directives
- Harmonised standards structure
- Tests on modules completed throughout the day

Day 2

- EN 60204-1 Safety of Machinery - Electrical equipment of Machinery
- EN ISO 13849-1 Safety of Machinery - Safety related parts of control systems
- Principles and aspects of machine guarding
- Tests on modules completed throughout the day

Day 3

- Practical wiring exercises to the categories of the standard for E-stop circuits including fault monitoring
- Practical wiring session on guard switches, 2 hand control systems etc, including fault indication and monitoring
- Provision and Use of Work Equipment Regulations 1998
- Tests on modules completed throughout the day

Day 4

- Risk assessments concepts and theory, including EN ISO 12100
- Practical method of risk assessment
- Temporary safety measures

Benefits to you:

- + Comprehensive knowledge covering the complete safety lifecycle of a machine or plant
- + Enhanced technological competence when preparing safety solutions
- + Highly practical approach
- + Certification in just 4 days

Your optimum qualification path:



■ Introduction: Introduction to Machinery Safety

■ Fundamental: Fundamentals of Machinery Safety

■ Advanced: City & Guilds Assured 4 Day Machinery Safety Course

■ Expert: CMSE – Certified Machinery Safety Expert

Notes

On successful completion of the course delegates will receive both a City & Guilds paper certificate and a City & Guilds Assured Digital Credential - a City & Guilds Assured Digital Credential is essentially a digital certificate, but unlike a paper certificate digital credentials are easily shareable, verifiable and trackable all in one click.



Scan the QR code for a copy of the Pilz Safety Compendium - a free technical guide & reference manual.

Strongly recommended to gain maximum benefit from the course.