PILZ AUTHORISED DISTRIBUTOR

CERTIFIED

City & Guilds Assured 4 Day Machinery Safety Course

Advanced

This training course is certified by the following acknowledged test organisations:

- City & Guilds Assured
- Equivalent to 28 hours of CPD

Pilz has developed a course which is certified by City & Guilds that conveys all of the expertise needed to safeguard Machinery and Plant.

You will gain comprehensive knowledge from Risk Analysis to development of Safety Concepts through to correct safe implementation of Machinery and Plant.

Safety begins with the Concept

Effective reduction of risk begins at the concept stage of a machine. The demands of Engineers and Operators must be determined early on in order to develop cost effective Safety Concepts. The correct application of Standards and Regulations is of particular importance in this process.

Developed by Pilz, quality approved and certified by City & Guilds

Gain a Machinery Safety Certificate with us!

Acquire the knowledge necessary to reduce risk and secure economic success. Important tips from experienced specialists are on hand to help with implementation.

By completing the course, you will gain the necessary knowledge to understand the complete Machinery Safety Lifecycle from design to modification through to decommissioning.



Certified in only 4 Days

Seven modules (see diag.) are covered with a combination of classroom sessions, practical exercises and examinations. A City & Guilds Machinery Safety Certificate will be issued on successful completion of all seven modules.

Be prepared with our Safety Compendium

We recommend that you read our Pilz Safety Compendium in preparation for the course.
To download click here or scan the QR Code.

Scan the QR code to download a PDF copy of the Pilz Safety Compendium

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

Target groups

- Electrical Engineers
- Mechanical Engineers
- Engineering Managers

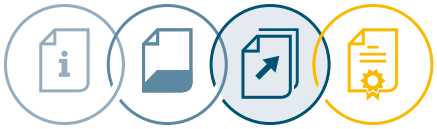
Notes

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.

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

Course Details:

Duration:	**4 days**
	9:00 – 17:00
Fee:	**£1,625**[1] **+ VAT per person**

Test required

[1] Includes the training material and the issuing of the certificate