



HELP TO CHOOSE | HELP TO USE

CERTIFIED



Advanced



The CPD Standards Office
CPD PROVIDER: 21955
2023-2025
www.cpdstandards.com



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



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City & Guilds Assured 4 Day Machinery Safety Course

City & Guilds Assured and CPD-Accredited

BPX - together with Pilz - are pleased to offer a course which is accredited by City & Guilds and 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.

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

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

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.

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.

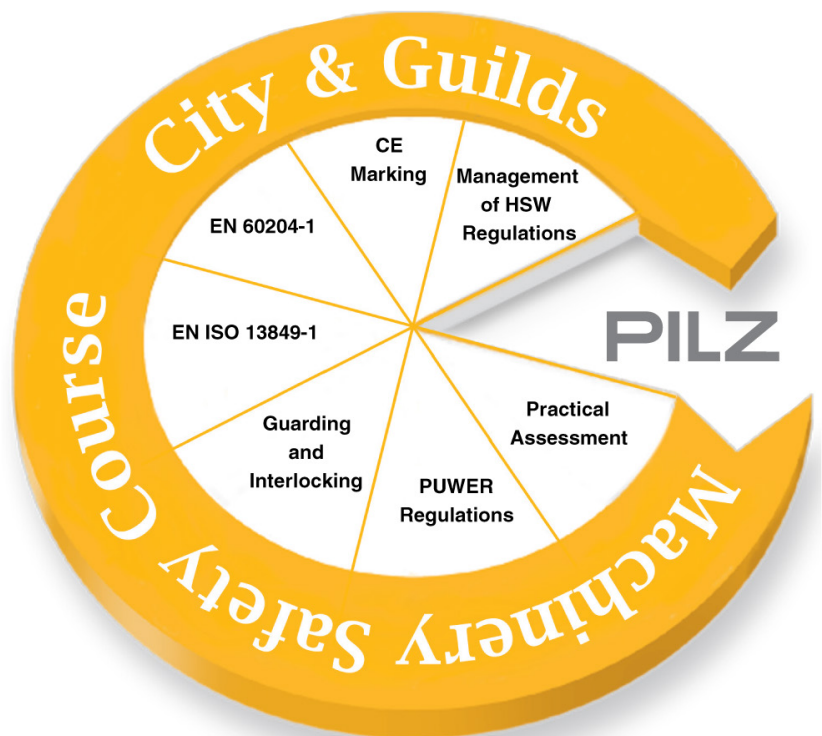
Certified in only 4 Days

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 the Pilz Safety Compendium

We recommend that you read the Pilz Safety Compendium in preparation for the course.

For further information and to download a copy, either visit www.pilz.co.uk and search Safety Compendium or contact BPX.



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 Dates:

- ▶ upon request



Duration:

- ▶ Timings TBC

Fee:

- ▶ £1,625 +VAT per person¹⁾

Participants:

- ▶ Up to 8

For further information and to book:

- ▶ **Call** Please contact your local BPX representative or sales office.
- ▶ **Email** sales@bpx.co.uk
- ▶ **Web** www.bpx.co.uk (chat feature available)

¹⁾ Includes the training material and the issuing of the certificate



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