



BRITSAFE LEVEL 4

CERTIFICATE IN SPECIALIST COSHH FOR LABORATORY ENVIRONMENTS

106/5237/4



Introduction:

The Britsafe Level 4 Certificate in Specialist COSHH for Laboratory Environments is an advanced qualification designed to address the complex chemical safety requirements unique to scientific, research, and analytical laboratory settings. This course equips laboratory professionals, supervisors, and safety practitioners with the critical expertise to interpret, apply, and manage Control of Substances Hazardous to Health (COSHH) regulations in high-sensitivity environments where the margin for error is minimal. Participants will gain the ability to conduct laboratory-specific risk assessments, implement hierarchical control strategies, and manage hazardous material interactions, storage, and disposal in compliance with regulatory frameworks such as COSHH 2002 (as amended), REACH, and the HSE's Approved Codes of Practice. The qualification emphasizes real-world laboratory hazards ranging from volatile reagents and biological agents to confined handling procedures ensuring learners are prepared to lead chemical safety strategies with technical precision and regulatory confidence. This Certificate is ideal for those responsible for laboratory operations in sectors such as pharmaceuticals, biotechnology, academic research, pathology, and chemical manufacturing, where specialized COSHH oversight is essential for protecting health, maintaining compliance, and supporting scientific integrity.

Qualification Regulation and Support:

The Britsafe Level 4 Certificate in Specialist COSHH for Laboratory Environments has been developed to meet the advanced regulatory and technical demands of managing hazardous substances in controlled laboratory settings. It is awarded by Britsafe™ Qualifications UK Limited and supports compliance with COSHH Regulations 2002 (as amended), REACH obligations, and sector-specific laboratory safety protocols across research, pharmaceutical, and academic environments.

Key facts:

Qualification Number:	106/5237/4
Minimum Contact Hours:	56
Guided Learning Hours:	56
Credit Value:	6
Credential Status:	Certificate
Assessment Method:	Multiple-choice examination



Qualification Overview and Objective:

The Britsafe Level 4 Certificate in Specialist COSHH for Laboratory Environments is designed for individuals working in laboratory settings with unique hazardous substances. Participants acquire advanced knowledge of risk assessment, control measures, and compliance with legal requirements. The qualification emphasizes proficiency in creating specialized COSHH assessments for laboratories, preparing individuals for roles requiring specialized knowledge in managing hazardous substances in laboratory environments.

The objective of the qualification is to:

- Develop advanced expertise in managing hazardous substances in laboratory environments.
- Identify and assess specialized laboratory hazards and risks.
- Learn advanced control measures for hazardous substances in laboratories.
- Gain proficiency in creating specialized COSHH assessments for laboratory settings.
- Demonstrate compliance with legal requirements for hazardous substance management in laboratories.

Entry Requirements:

To register for this qualification, learners are required to meet the following entry requirements:

- Must be aged 16 and over
- Participants should have a basic understanding of the English language to effectively engage with course materials and assessments.
- This course is open to individuals of all backgrounds and experience levels who have an interest in workplace health and safety.

Geographical Coverage:

This qualification is suitable for delivery in England, Northern Ireland, Wales and can be offered internationally.

Delivery/Assessment Ratios:

To effectively deliver this qualification, centres are recommended not to exceed the ratio of 1 Qualified Tutor to 12 Learners in any one instance. If centres wish to increase the recommended ratio, they must first inform your dedicated Britsafe™ accounts manager before doing so.

Centre Requirements:

To effectively deliver this qualification, centres should have the following resources in place:

- Classroom with suitable seating and desks; and
- High-quality teaching and learning resources.

Guidance on Delivery:

The total qualification time (TQT) for this qualification is 56-hours and of this 56-hours is recommended as guided learning (GL). TQT is an estimate of the total number of hours it would take an average learner to achieve and demonstrate the necessary level of attainment to be awarded with a qualification, both under direct supervision (forming Guided Learning Hours) and without supervision (all other time). TQT and GLH values are advisory and assigned to a qualification as guidance.



Guidance on Assessment:

This qualification is assessed through a multiple-choice question exam.

- Centre's must take all reasonable steps to avoid any part of the assessment of a learner (including any internal quality assurance and invigilation) being undertaken by any person who has a personal interest in the result of the assessment.
- Centres must follow Britsafe™ Examination and Invigilation Procedures. Completed examination papers are to be returned to Britsafe™ for marking or If in case of online examination; records shall be updated on EMS portal accordingly.

Guidance on Quality Assurance:

Britsafe™ requires centres to have in place a robust mechanism for internal quality assurance. Britsafe™ will support centres by conducting ongoing engagements to ensure and verify the effective and efficient delivery, quality assurance and invigilation of the qualification.

Tutor Requirements:

Britsafe™ recommends nominated tutors for this qualification meet the following requirements:

- A relevant health and safety qualification at Level 3 or higher,
- Membership of a professional body (e.g., IOSH, IIRSM) is desirable.
- Hold a relevant subject area qualification/or be occupationally competent.
- Hold a recognized teaching/training qualification (or suitable equivalent).
- Level 3 Award in Education and Training (AET) or Train The Trainer.





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