



BRITSAFE LEVEL 1

AWARD IN IONISING RADIATION IN MEDICAL SETTINGS: REGULATORY COMPLIANCE

106/5264/1



Introduction:

The Britsafe Level 1 Award in Ionising Radiation in Medical Settings: Regulatory Compliance provides essential knowledge for individuals working in healthcare environments where exposure to ionising radiation is a controlled risk. Specifically developed for clinical support staff, radiography assistants, maintenance personnel, and early-career professionals operating near diagnostic or therapeutic radiological equipment, the course introduces the legal, procedural, and operational requirements underpinning radiation protection in medical contexts. Learners gain a foundational understanding of radiation principles, dose limits, shielding, signage, risk categorization, and safe work practices in line with the Ionizing Radiations Regulations (IRR17), the Ionizing Radiation (Medical Exposure) Regulations (IR(ME)R), and relevant guidance from the Health and Safety Executive (HSE) and Care Quality Commission (CQC). The course emphasizes the distinction between worker and patient exposure controls, the roles of Radiation Protection Supervisors and Experts, and the reporting obligations for radiation incidents. This qualification ensures operational awareness of regulatory compliance and reinforces a culture of radiological safety within clinical facilities.

Qualification Regulation and Support:

The Britsafe Level 1 Award in Ionising Radiation in Medical Settings: Regulatory Compliance is developed and awarded by Britsafe™ Qualifications UK Limited. The qualification aligns with IRR17, IR(ME)R, and relevant healthcare regulatory frameworks. All assessments and quality assurance systems are administered under Britsafe's regulated awarding structure.

Key facts:

Qualification Number:	106/5264/1
Minimum Contact Hours:	4
Guided Learning Hours:	4
Credit Value:	1
Credential Status:	Award
Assessment Method:	Multiple-choice examination



Qualification Overview and Objective:

The Britsafe Level 1 Award in Ionising Radiation in Medical Settings: Regulatory Compliance is designed for individuals working with ionising radiation in medical environments. Participants acquire knowledge and skills related to risk assessment, regulatory compliance, and the proper use of equipment and protective measures. This qualification ensures compliance with legal requirements, contributing to a safer working environment for those exposed to ionising radiation in medical settings.

The objective of the qualification is to:

- Understand the principles of ionising radiation in medical settings.
- Identify potential risks and hazards associated with ionising radiation.
- Learn regulatory compliance measures for ionising radiation in medical settings.
- Gain knowledge of proper use of equipment and protective measures.
- Demonstrate compliance with legal requirements for ionising radiation in medical settings.

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 4-hours and of this 4-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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