



BRITSAFE LEVEL 1

AWARD IN REMOTE DIAGNOSTIC TECHNIQUES FOR PLANT SAFETY

108/5310/1



Introduction:

The Britsafe Level 1 Award in Remote Diagnostic Techniques for Plant Safety equips learners with foundational knowledge of modern non-intrusive monitoring and fault detection methods essential for maintaining plant integrity and minimizing operational risk. As industrial environments increasingly adopt advanced sensors, predictive analytics, and condition-based maintenance systems, this qualification introduces participants to remote inspection tools, data interpretation fundamentals, and early hazard detection principles that support regulatory compliance and process reliability. Designed for plant operators, technicians, and entry-level safety personnel, the course aligns with contemporary safety management approaches where early intervention and continuous monitoring are key to preventing failures and protecting workers, assets, and the environment. It provides practical insight into how digital diagnostics can be integrated into safety protocols and maintenance schedules, making it especially relevant for those entering or supporting roles in high-risk sectors such as chemical processing, oil and gas, utilities, and manufacturing.

Qualification Regulation and Support:

The Britsafe Level 1 Award in Remote Diagnostic Techniques for Plant Safety is developed and awarded by Britsafe™ Qualifications UK Limited. This qualification is supported by subject matter experts and structured to reflect evolving industrial safety requirements. All content aligns with UK-based qualification principles and current workplace practices.

Key facts:

Qualification Number:	108/5310/1
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 Remote Diagnostic Techniques for Plant Safety is designed for individuals involved in plant operations. Participants acquire knowledge and skills related to identifying safety issues remotely, conducting diagnostics, and interpreting diagnostic data. This qualification ensures compliance with legal requirements, contributing to a safer working environment through effective remote diagnostic practices.

The objective of the qualification is to:

- Understand the principles and importance of remote diagnostic techniques for plant safety.
- Identify common plant safety issues and potential risks.
- Learn effective strategies for conducting remote diagnostics.
- Gain knowledge of proper interpretation and analysis of diagnostic data.
- Demonstrate compliance with legal requirements for remote diagnostic techniques.

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.



A worker in a hard hat and safety gear is shown in profile, using a tablet and a walkie-talkie in an industrial setting. The background is a complex of pipes and machinery, overlaid with a semi-transparent blue and purple gradient. The Britsafe logo is in the top right corner.

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