



BRITSAFE LEVEL 1

AWARD IN ABRASIVE WHEEL OPERATIONS SAFETY

106/5230/1



Introduction:

The Britsafe Level 1 Award in Abrasive Wheel Operations Safety is a focused qualification developed to address the specific risks associated with the use, handling, and mounting of abrasive wheels in industrial, construction, maintenance, and fabrication environments. Designed for operatives, apprentices, and workshop personnel who routinely work with bench grinders, angle grinders, cutting-off machines, and similar powered equipment, this course introduces the critical safety principles necessary to prevent serious injury during abrasive processes. Learners gain essential knowledge of wheel types, compatibility, speed ratings, mounting procedures, dressing techniques, personal protective equipment (PPE), and inspection protocols in accordance with the Provision and Use of Work Equipment Regulations 1998 (PUWER), and manufacturer safety standards. The course also emphasizes pre-use checks, accident causation, guarding mechanisms, and the control of common hazards such as disc bursting, entanglement, fire ignition, and eye injuries. Ideal for those seeking their first formal certification in this area, the qualification reinforces the importance of operator competence, workplace control measures, and legal compliance serving as a credible foundation for safe, efficient, and regulation-aligned abrasive wheel operations across a wide range of technical roles.

Qualification Regulation and Support:

The Britsafe Level 1 Award in Abrasive Wheel Operations Safety has been developed to establish essential operator competence in the safe use, inspection, and mounting of abrasive wheels. It is awarded by Britsafe™ Qualifications UK Limited, supporting compliance with PUWER regulations, manufacturer safety protocols, and recognized operational safety standards across grinding and cutting tasks.

Key facts:

Qualification Number:	106/5230/1
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 Abrasive Wheel Operations Safety provides individuals with essential knowledge and skills for the safe use of abrasive wheels. Covering hazard identification, safe operating procedures, and maintenance practices, this qualification ensures compliance with legal requirements, contributing to a safer working environment where abrasive wheels are utilized.

The objective of the qualification is to:

- Understand the principles of abrasive wheel operations.
- Identify potential hazards associated with abrasive wheel use.
- Learn safe operating procedures and techniques.
- Gain knowledge of proper inspection and maintenance of abrasive wheels.
- Demonstrate compliance with legal requirements for abrasive wheel safety.

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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