

A Learner's guide to the
**QNUK Level 2 Award in
Abrasive Wheel Safety (Portable and
Handheld) (RQF)**

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Introduction

This qualification specification outlines key information required by learners to ensure they are able to make an informed decision related to the QNUK Level 2 Award in Abrasive Wheel Safety (Portable and Handheld) (RQF)

Qualification purpose

This qualification provides knowledge related to the safe use and setting of abrasive wheels.

Qualification objective

This is a qualification that indicates an individual can undertake a specific role in the workplace and that may be relied upon by employers.

Qualification structure

Qualification accreditation number	603/5118/4
Qualification level	2
Guided learning hours (GLH)	3
Total Qualification Time (TQT)	3
Credit value	1
Validity	It is recommended that this qualification is refreshed every 3 years

Pre-requisites

The recommended minimum age to undertake this qualification is 18 years.

It is recommended that candidates have a minimum of Level 1 literacy and numeracy or equivalent.

There are no other pre-requisites for this qualification.

Delivery requirements

This qualification is typically delivered in a face-to-face format over a half-day period for new learners.

Learners should complete the qualification within 3 weeks.

Trainer to learner ratio

The maximum trainer to learner ratio for this qualification is 1:12.

Optional and additional units

There are no qualifications linked at this time.

Blended learning

Blended learning is not permitted for this qualification.

Units of assessment

This qualification is made up of one mandatory unit

Unit one title	Safe use of portable and handheld abrasive wheel equipment
Unit one reference number	A/617/8101
Level	1
Credit	1
Guided learning hours	3
Status	Mandatory

Details on the knowledge, skill and understanding which will be assessed can be found in Appendix 1 and 2 of this document.

Assessment methods

Learners are assessed for this qualification using the following methods:

- Multiple Choice Examination
- Practical observation

Multiple-Choice Examination

Each learner will be assessed for this qualification by the completion of a multiple-choice question paper.

Example questions can be found in Appendix 3 of this document

Method	Multiple Choice Examination
Language of assessment	English
Grading	Pass/Fail
Pass mark	70% (7/10)
Duration	20 minutes

Practical observation

Method	Practical observation
Language of assessment	English
Grading	Pass/Fail
Pass mark	100%
Duration	As required

Worksheet

Method	Worksheet
Language of assessment	English
Grading	Pass/Fail
Pass mark	100%
Duration	As required

Reasonable adjustments

The prescribed assessment methods for this qualification should not unfairly disadvantage learners, who would otherwise be able to demonstrate competence in the assessment criteria and in line with the purpose of the qualification.

If you feel the assessment methods above would disadvantage you, please contact your centre to discuss reasonable adjustment.

Results

Once you have completed your assessment, the centre is required to submit their results to Qualifications Network for moderation within 10 working days of the date of assessment. We will issue verified results and appropriate certification to the approved centre within 7 working days of receiving those results. Results and/or certificates will then be forwarded to learners by the Centre. Learners should expect to receive all results within 20 working days of the date they take the assessment. If they have not received them within 25 working days, they should contact their centre in the first instance.

Progression routes

Learners undertaking this qualification may wish to progress into other health and safety or fire safety related qualifications, including the:

- QNUK Level 2 Award in Health and safety in the Workplace (RQF)
- QNUK Level 2 Award in Principles of Risk Assessment (RQF)

Acceptable forms of I.D.

The list below outlines acceptable forms of identification for learners undertaking a regulated qualification with Qualifications Network.

Ideally, learners should provide at least 1 form of photo I.D. If photo I.D is not available, 2 forms of non-photographic I.D can be produced.

Acceptable forms of photographic I.D (1 required) are:

- Signed UK Photo card driving licence
- Signed passport (any nationality)
- Valid EU Photo identity card
- SIA security licence (with photo)
- Current and valid warrant card issued by HM forces or Police
- Current and valid Prison service card (with photo)
- Proof of age card
- Employee photo identification card
- Firearms license (with photo)

Acceptable forms of non-photographic I.D (2 required) are:

- Birth certificate
- Marriage/civil partnership certificate
- Bank or building society statement or official letter (issued within last 3 months)
- Credit card statement (issued within last 3 months)
- Utility bill – excluding mobile phone bill (issued within last 3 months)
- Benefit statement e.g. child benefit, pension (issued within last 3 months)

Appendix 1 Learning Outcomes and Assessment criteria

Unit 1 Safe use of portable and handheld abrasive wheel equipment

The follow details the Learning Outcomes for this qualification and the assessment criteria referred to within the assessment and used to determine if a learner has met a learning outcome. Further details of how learning outcomes and assessment criteria are covered is included in Appendix 2 Unit 1 Indicative Content.

		Assessment Method		
		MCQ	Obs	W/S
1	Understand key legislative requirements related to the safe use of abrasive wheels			
1.1	Employer’s and employee’s responsibilities	✓		
1.2	Key requirements of work equipment regulations	✓		
2	Understand key hazards and controls related to the safe use of abrasive wheels			
2.1	Identify common hazards in relation to the safe use of portable and handheld abrasive wheels	✓		
2.2	The common injuries sustained due to the incorrect setting and use of abrasive wheels	✓		
2.3	Safety measures used to reduce the risks when using portable and handheld abrasive wheel equipment	✓		
3	Be able to mount an abrasive wheel to portable or handheld abrasive wheel equipment			
3.1	Knowing different types of wheel and their markings			✓
3.2	Pre-use checks		✓	
3.3	Mounting and using an abrasive wheel		✓	

Appendix 2 Indicative content

1.1 Employer’s and employee’s responsibilities

Responsibilities: As they related to: The Management of Health and Safety Regulations 1999, Provision and Use of Work Equipment Regulations 1998, Personal Protective Equipment Regulations 1992.

Requirements: Undertake a risk assessment, follow instruction and training from employer. Provision of appropriate equipment. Use of equipment provided.

1.2 Key requirements of work equipment regulations

Requirements include: the correct selection, inspection and maintenance of equipment. Procedures for reporting damage to equipment. Provision of information and training.

2.1 Identify common hazards in relation to the safe use of portable and handheld abrasive wheels

Hazards: wheel burst, use or incorrect wheel size, removal of guards, electricity, dust, noise, vibration

2.2 The common injuries sustained due to the incorrect setting and use of abrasive wheels

Common injuries; cuts, impact from moving/projected object, eye injuries, electric shock/burns

2.3 Safety measures used to reduce the risks when using portable and handheld abrasive wheel equipment

Safety measures: operated by those over 18 years of age, Suitable training and instruction should be provided. Ensure suitable inspection and testing. Correct mounting.

3.1 Knowing different types of wheel and their markings

Markings include: Trademark, Restrictions of use, Expiry date, Dimensions, Maximum operating speed, mounting instruction, specification mark, speed stripe.

3.2 Pre-use checks

Includes appropriate checks of the tool, flanges, screws and threads. Checks of blotters and the wheel.

3.3 Mounting and using an abrasive wheel

Correct mounting and use inline with manufactures instructions.

Appendix 3 Specimen assessment material

1 Which of the following should be completed first when changing an abrasive wheel?

- A** Turn off the power to the equipment
- B** Put on a dust mask
- C** Wet the disk
- D** Remove the guard

2 Who should undertake a full inspection of equipment that uses an abrasive wheel?

- A** The health and safety representative
- B** The site manager
- C** A competent person
- D** The operator

3 When using an angle grinder, which items of PPE should be worn?

- A** Goggles, hearing defenders, dust mask
- B** Harness, boots, respirator
- C** Safety glasses, half mask, apron
- D** Gloves, harness, goggles