



Working with Tools (National 3)

SCQF: level 3 (6 SCQF credit points)

Unit code: H25G 73

Unit outline

The general aim of this Unit is for learners to develop knowledge and skills in using a range of common tools and equipment used in woodworking and/or metalworking. The learner will develop skills for measuring and marking out and for preliminary cutting and shaping of materials. Through these activities, learners will also learn safe working practices in a practical craft workshop environment.

Learners who complete this Unit will be able to:

- 1 Use a selected range of tools, as appropriate, for marking out and measuring
- 2 Use a selected range of tools, as appropriate, for preliminary cutting and shaping of materials

This Unit is a mandatory Unit of the National 3 Practical Craft Skills Course and is also available as a free-standing Unit. The Unit Specification should be read in conjunction with the *Unit Support Notes*, which provide advice and guidance on delivery, assessment approaches and development of skills for learning, skills for life and skills for work. Exemplification of the standards in this Unit is given *in Unit Assessment Support*.

Recommended entry

Entry to this Unit is at the discretion of the centre. However, learners would normally be expected to have attained the skills, knowledge and understanding required by the following or equivalent qualifications and/or experience:

- ◆ National 2 Practical Craft Skills Course or relevant Units

In terms of prior learning and experience, relevant experiences and outcomes may also provide an appropriate basis for doing this Unit.

Equality and inclusion

This Unit Specification has been designed to ensure that there are no unnecessary barriers to learning or assessment. The individual needs of learners should be taken into account when planning learning experiences, selecting assessment methods or considering alternative evidence. For further information, please refer to the *Unit Support Notes*.

Standards

Outcomes and assessment standards

Outcome 1

The learner will:

- 1 Use a selected range of tools, as appropriate, for marking out and measuring by:**
 - 1.1 Selecting, with guidance, correct tools for the task
 - 1.2 Using tools, with guidance, to mark out and measure a range of supplied components or work pieces in accordance with the task
 - 1.3 Using tools in accordance with recognised procedures and safe working practices

Outcome 2

The learner will:

- 2 Use a selected range of tools, as appropriate, for preliminary cutting and shaping of materials by:**
 - 2.1 Selecting, with guidance, correct tools for the task
 - 2.2 Identifying whether tools and equipment are in good condition and safe working order
 - 2.3 Using tools, with guidance, to complete preliminary cutting and shaping of a supplied range of materials in accordance with the task
 - 2.4 Using tools in accordance with recognised procedures and safe working practices

Evidence Requirements for the Unit

Assessors should use their professional judgement, subject knowledge and experience, and understanding of their learners, to determine the most appropriate ways to generate evidence and the conditions and contexts in which they are used.

In this Unit, Evidence Requirements are as follows.

Evidence will be primarily observational and physical in nature. Evidence may be presented for individual Outcomes or it may be gathered for the Unit as a whole through combining assessment in one single activity. If the latter approach is used, it must be clear how the evidence covers each Outcome.

For this Unit, learners will be required to provide evidence of:

- ◆ knowledge of a selected range of practical woodworking and/or metalworking hand tools, machine tools, equipment and processes
- ◆ the ability to use tools, with guidance, to mark out and measure metal and/or wood components
- ◆ the ability to use tools, with guidance, to complete preliminary cutting and shaping of a selected range of materials (metal and/or wood)
- ◆ the ability to work in accordance with recognised procedures and safe working practices

Learners at National 3 are expected to require a reasonable level of guidance and support throughout practical activities.

Exemplification of assessment is provided in *Unit Assessment Support*. Advice and guidance on possible approaches to assessment is provided in the *Unit Support Notes*.

Development of skills for learning, skills for life and skills for work

It is expected that learners will develop broad, generic skills through this Unit. The skills that learners will be expected to improve on and develop through the Unit are based on SQA's *Skills Framework: Skills for Learning, Skills for Life and Skills for Work* and drawn from the main skills areas listed below. These must be built into the Unit where there are appropriate opportunities.

2 Numeracy

2.2 Money, time and measurement

5 Thinking skills

5.2 Understanding

5.3 Applying

Amplification of these is given in SQA's *Skills Framework: Skills for Learning, Skills for Life and Skills for Work*. The level of these skills should be at the same SCQF level of the Unit and be consistent with the SCQF level descriptor. Further information on building in skills for learning, skills for life and skills for work is given in the *Unit Support Notes*.

Administrative information

Published: April 2012 (version 1.0)

Superclass: XA

History of changes to National Unit Specification

Version	Description of change	Authorised by	Date

This specification may be reproduced in whole or in part for educational purposes provided that no profit is derived from reproduction and that, if reproduced in part, the source is acknowledged. Additional copies of this Unit can be downloaded from SQA's website at www.sqa.org.uk.

Note: readers are advised to check SQA's website: www.sqa.org.uk to ensure they are using the most up-to-date version of the Unit Specification.

© Scottish Qualifications Authority 2012