



National Unit specification: general information

Unit title: Furniture Polishing: An Introduction

Unit code: H3ML 11

Superclass: WK

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Summary

The purpose of this Unit is to enable candidates to develop the skills and techniques required for the preparation of surfaces with oil and wax finishing. It will also help the candidate develop a knowledge and understanding of the theory to basic furniture polishing.

This Unit is suitable for candidates who in full-time or part-time study, school leavers and adult returners who are interested in studying the subject of furniture making.

Outcomes

- 1 Describe the materials and equipment employed for the preparation of surfaces.
- 2 Prepare surfaces using wax and oil finishes.
- 3 Produce a range of polished surfaces using wax and oil finishing techniques.

Recommended entry

Entry is at the discretion of the centre.

Credit points and level

1 National Unit credit at SCQF level 5: (6 SCQF credit points at SCQF level 5*)

**SCQF credit points are used to allocate credit to qualifications in the Scottish Credit and Qualifications Framework (SCQF). Each qualification in the Framework is allocated a number of SCQF credit points at an SCQF level. There are 12 SCQF levels, ranging from Access 1 to Doctorates.*

General information (cont)

Unit title: Furniture Polishing: An Introduction

Core Skills

Achievement of this Unit gives automatic certification of the following Core Skills component:

Complete Core Skill None

Core Skill component Critical Thinking at SCQF level 4

There are also opportunities to develop aspects of Core Skills which are highlighted in the Support Notes of this Unit specification.

National Unit specification: statement of standards

Unit title: Furniture Polishing: An Introduction

Acceptable performance in this Unit will be the satisfactory achievement of the standards set out in this part of the Unit specification. All sections of the statement of standards are mandatory and cannot be altered without reference to SQA.

Outcome 1

Describe the materials and equipment employed for the preparation of surfaces.

Performance Criteria

- (a) Identify the materials and equipment required for specific applications.
- (b) Explain the reasons for choosing materials for the preparation of surfaces.
- (c) Describe the function of the equipment used for the preparation of surface.

Outcome 2

Prepare surfaces using wax and oil finishes.

Performance Criteria

- (a) Select the appropriate materials for the preparation of a range of surfaces.
- (b) Prepare a range of surfaces using wax and oil finishes.
- (c) Comply with all relevant health and safety requirements.

Outcome 3

Produce a range of polished surfaces using wax and oil finishing techniques.

Performance Criteria

- (a) Select appropriate equipment for the application of wax and oil finishes.
- (b) Apply wax and oil polishing techniques to a range of surfaces.
- (c) Comply with all relevant health and safety and safety requirements.

National Unit specification: statement of standards (cont)

Unit title: Furnisher Polishing: An Introduction

Evidence Requirements for this Unit

Evidence is required to demonstrate that candidates have achieved all Outcomes and Performance Criteria.

Performance evidence as well as written and/or recorded oral evidence is required which demonstrates that the candidate has achieved all Outcomes to the standards specified in the Outcome and Performance Criteria.

This evidence should be produced under supervised, controlled conditions at appropriate points throughout the Unit either on an Outcome-by-Outcome basis or as integrated assessments.

The required evidence, for all Outcomes, is as follows:

Outcome 1: Written and or oral evidence

Evidence must be provided to show the candidates has an understanding of the following for a range of preparation materials, tools and equipment used in furniture making, **five** from the following:

- ◆ Materials:
 - Abrasive paper grades
 - Cabinetmakers Scrapers: Basic-rectangle-cabinet scraper, convex/concave
 - Goose-neck, finishing mouldings and other shaped work
- ◆ Tools required:
 - Brushes
 - Finishing pads — grade
 - Lint free cloth
- ◆ Equipment required:
 - Orbital disc sander
 - Palm sander
 - Surface planer
 - Belt Sander

Outcomes 2 and 3: Performance evidence

Evidence must be provided to show the candidates has the ability to apply the techniques required for the preparation of surfaces for wax and oil finishes, by:

- ◆ Preparing at least three surfaces from the following range:
 - Two panels and one frame:
 - Applying stain to one substrate
 - Finishing one with an oil finish
 - One with a wax finish

National Unit specification: statement of standards (cont)

Unit title: Furnisher Polishing: An Introduction

- ◆ Produce at least three surface finishes:
 - Select appropriate materials for each application
 - Produce two finished panels
 - Produce one finished frame

The above must include:

At least one oil finish from the following:

- Danish-teak
- Tung
- Salad bowl

At least one wax finish from the following:

- Solid wax paste
- Cream

Candidates should be provided with at least two panels and one frame or substituted for boards but must reach the required surface area of 400 × 400 mm.

In addition candidate should demonstrate performance evidence that they employ safe working practice when working in polishing shop environment.

All practical work undertaken for the purposes of assessment should be finished to an industry acceptable standard.

National Unit specification: support notes

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This part of the Unit specification is offered as guidance. The support notes are not mandatory.

While the exact time allocated to this Unit is at the discretion of the centre, the notional design length is 40 hours.

Guidance on the content and context for this Unit

In this Unit, candidates will learn how to carry out basic polishing tasks on a variety of surfaces and will demonstrate that they can produce these to an acceptable standard. They will gain knowledge of appropriate polishing tools and equipment. Candidate completing the Unit will be able to work in an industrial polishing shop or workshop environment.

The Unit should be delivered in the context of a fully equipped industrial polishing shop or workshops therefore access to a real workplace environment is necessary.

Health and safety is an important aspect of this Unit. It is vital that the tutor ensure all learners have a sound knowledge of the current legislation, health and safety at work act, COSHH and RIDDOR. It is however the case that the tutor is responsible for ensuring that all regulations are adhered to. If this is done properly candidates will not suffer as a result of accident or injury. In addition candidate should demonstrate performance evidence that they can adhere to safe working practice when working in workshop environment.

Guidance on learning and teaching approaches for this Unit

The Unit should be delivered in a candidate-centred way. Outcome 1 evidence should be recorded on an observational checklist, to show that the candidate has demonstrated the ability to produce the specified products by following the appropriate techniques and methods. Outcomes 2–3 could be achieved through practical demonstration by tutor and learners should be encouraged to explore the equipment on their own, ensure all health and safety procedures are adhered to. Candidate will need to be given many opportunities to practise Outcomes 2–3, as this is the most difficult part of the Unit.

It is advised that furniture book featuring polishing skill is provided; *Collins Woodworking Manual* is an example.

Guidance on approaches to assessment for this Unit

Evidence should be recorded on an observational checklist to show that the candidate has demonstrated the ability to produce the specified products by following the appropriate techniques and methods. In addition candidate should demonstrate performance evidence that they can safe working practice when working in polishing shop environment.

Outcome 1 is based on cognitive competence and assessing the candidates abilities through selected or constructive responses. The use of short answer questions are recommended for this approach.

National Unit specification: support notes (cont)

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Outcome 2 and Outcome 3 are based on practical competences and assessing the candidates abilities through practical tasks. Evidence should be gathered through observation that the candidate has met the given standards during the practical activity, an assessor observation checklist could be used to record this evidence.

If this Unit is delivered as part of the National Certificate in Furniture at SCQF level 5 there may be opportunities to integrate the assessment of the practical aspects of this Unit with other practical Units in the award.

Opportunities for the use of e-assessment

E-assessment may be appropriate for some assessments in this Unit. By e-assessment we mean assessment which is supported by Information and Communication Technology (ICT), such as e-testing or the use of e-portfolios or social software. Centres which wish to use e-assessment must ensure that the national standard is applied to all candidate evidence and that conditions of assessment as specified in the Evidence Requirements are met, regardless of the mode of gathering evidence. Further advice is available in *SQA Guidelines on Online Assessment for Further Education (AA1641, March 2003)*, *SQA Guidelines on e-assessment for Schools (BD2625, June 2005)*.

Opportunities for developing Core Skills

Because of the candidate-centred approaches in this Unit, there will be opportunities to develop the Core Skills of *communication*, *Working with Others* and *Numeracy*. Evidence of these Core Skills should be retained and accurate record of learner's achievements should be kept.

This Unit has the Critical Thinking component of Problem Solving embedded in it. This means that when candidates achieve the Unit, their Core Skills profile will also be updated to show they have achieved Critical Thinking at SCQF level 4.

Disabled candidates and/or those with additional support needs

The additional support needs of individual candidates should be taken into account when planning learning experiences, selecting assessment instruments, or considering whether any reasonable adjustments may be required. Further advice can be found on our website www.sqa.org.uk/assessmentarrangements

History of changes to Unit

Version	Description of change	Date
02	Core Skills Component Critical Thinking at SCQF level 4 embedded.	22/04/2013

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