



## National Unit specification: general information

**Unit title:** Plastering: Internal Repairs

**Unit code:** H0C7 12

**Superclass:** TG

**Publication date:** January 2012

**Source:** Scottish Qualifications Authority

**Version:** 01

## Summary

This Unit is suitable for candidates working towards a Modern Apprenticeship in Plastering and will develop the candidates craft skills in internal repairs. This Unit is designed to provide candidates with competence in preparing backgrounds, repairing plasterboard, two coat plasterwork, expanded metal lath (EML) and plaster mouldings and the ability to apply these skills in the workplace. It is also designed to enable candidates to develop their understanding and use of plastering terminology, techniques and practices.

## Outcomes

- 1 Demonstrate knowledge and understanding of internal repairs.
- 2 Prepare and repair plasterboard.
- 3 Prepare and repair two coat plasterwork.
- 4 Prepare and repair Expanded Metal Lath (EML).
- 5 Prepare and repair plaster mouldings.

## Recommended entry

While entry is at the discretion of the centre, candidates undertaking the Professional Development Award in Plastering at SCQF level 6 must meet the requirements of the Modern Apprentices which include being employed in the relevant craft industry.

## Credit points and level

1 National Unit credit at SCQF level 6 (6 SCQF credit points at SCQF level 6\*).

*\*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:** Plastering: Internal Repairs

### **Core Skills**

Opportunities to develop aspects of Core Skills are highlighted in the Support Notes of this Unit specification.

There is no automatic certification of Core Skills or Core Skill components in this Unit.

## **National Unit specification: statement of standards**

### **Unit title: Plastering: Internal Repairs**

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**

Demonstrate knowledge and understanding of internal repairs.

##### **Performance Criteria**

- (a) Identify and explain the different types of internal repairs correctly.
- (b) Identify and select different types of background preparations accurately.
- (c) Calculate areas, perimeters, ratios, weight and cost correctly.
- (d) Identify health and safety issues when using external finishes.

#### **Outcome 2**

Prepare and repair plasterboard.

##### **Performance Criteria**

- (a) Recognise and accurately mark out the extent of damage to an area of plasterboard.
- (b) Prepare background in accordance with given specification.
- (c) Select materials to match original work.
- (d) Carry out repair in accordance with given specification.
- (e) Comply with current health and safety requirements during all work methods and activities.

#### **Outcome 3**

Prepare and repair two coat plasterwork.

##### **Performance Criteria**

- (a) Recognise and accurately mark out the extent of damage to an area of two coat plasterwork.
- (b) Prepare background in accordance with given specification.
- (c) Select materials to match original work.
- (d) Carry out repair in accordance with given specification.
- (e) Comply with current health and safety requirements during all work methods and activities.

## **National Unit specification: statement of standards**

**Unit title:** Plastering: Internal Repairs (SCQF level 6)

### **Outcome 4**

Prepare and repair Expanded Metal Lath (EML).

#### **Performance Criteria**

- (a) Recognise and accurately mark out the extent of damage to an area of EML.
- (b) Prepare background in accordance with given specification.
- (c) Select materials to match original work.
- (d) Carry out repair in accordance with given specification.
- (e) Comply with current health and safety requirements during all work methods and activities.

### **Outcome 5**

Prepare and repair plaster moulding.

#### **Performance Criteria**

- (a) Recognise and accurately mark out the extent of damage to an area of plaster moulding.
- (b) Prepare background in accordance with given specification.
- (c) Select materials to match original work.
- (d) Carry out repair in accordance with given specification.
- (e) Comply with current health and safety requirements during all work methods and activities.

### **Evidence Requirements for this Unit**

These Evidence Requirements will be met by the completion of the Plastering Training and Assessment Programme (TAP).

Written and/or oral recorded evidence is required to demonstrate that the candidate has achieved Outcome 1 to the standard specified in the Performance Criteria. Candidates will be required to demonstrate their knowledge of preparing backgrounds, repairing Plasterboard, two coat plasterwork, EML and plaster moulding. The instrument of assessment will be a question paper conducted in an open-book format.

Product and performance evidence is required to demonstrate that the candidate has achieved Outcomes 2, 3, 4 and 5 to the standards specified in the Performance Criteria. Candidates will be required to identify and mark out a range of internal plasterwork for repair including plasterboard, two coat plasterwork, EML, and mouldings. Candidates will also be required to prepare for and repair all of the stated range. Assessment of these Outcomes will be evidenced through observation of work processes and assessment of the completed tests. Candidates must meet the given standards and tolerances during the practical assessment. The summary of standards checklist must be used to record this evidence. Assessment should be conducted under controlled, supervised conditions.

## National Unit specification: statement of standards (cont)

**Unit title:** Plastering: Internal Repairs

<b>Summary of standards(working towards industrial tolerances)</b>	
<b>Item</b>	<b>Measurement of Standard</b>
Identify and mark out area for repair: Plasterboard	The extent of the damaged plasterboard is recognised. The area of plasterboard is accurately marked out.
Identify and mark out area for repair: Two coat plasterwork	The extent of the damaged two coat plasterwork is recognised. The area of damaged two coat work is accurately marked out.
Identify and mark out area for repair: EML	The extent of damage to EML is recognised. The area of damaged EML is accurately marked out.
Identify and mark out area for repair: Plaster moulding	The extent of damage to the moulding is recognised. The area of damaged moulding is accurately marked out.

<b>Summary of standards(working towards industrial tolerances)</b>	
<b>Item</b>	<b>Measurement of Standard</b>
Background preparation	Defective area cut away without damage to surrounding area. Edges of damaged area cut back to nearest stud.
Selection and preparation of materials	Correct materials selected to carry out repair and to match original.
Carry out repair	
Arrises or angles	Straight and in line with original.
Surface finish	Flat and flush with existing finish.

<b>Summary of standards(working towards industrial tolerances)</b>	
<b>Item</b>	<b>Measurement of Standard</b>
Background preparation	Defective area cut away without damage to surrounding area. The extent of the damage taken back to solid background. Mechanical key formed as required.
Selection and preparation of materials	Correct materials selected to carry out repair and to match original.
Carry out repair	
Backing coat	Applied with no overlap to surrounding surfaces.
Arrises or angles	Straight and in line with existing finish.
Surface finish	Flat and flush with existing finish.

## National Unit specification: statement of standards (cont)

**Unit title:** Plastering: Internal Repairs

<b>Summary of Standards(working towards industrial tolerances)</b>	
<b>Item</b>	<b>Measurement of Standard</b>
Background preparation	Edges and area of damage to EML are cut away without damage to surrounding area.
Selection and preparation of materials	Correct materials are selected to carry out repair and to match original.
Carry out repair:	
Cutting EML	EML is cut accurately with no ragged edges. $\pm 6$ mm.
Fixing EML	EML is fixed correctly, securely and is taut.
Backing coat	Applied with no overlap to surrounding surface.
Straightening coat	In line with existing.
Surface finish	Smooth and even, flush with existing surface.

<b>Summary of Standards(working towards industrial tolerances)</b>	
<b>Item</b>	<b>Measurement of Standard</b>
Background preparation	Damaged moulding is cut back as required without damage to surrounding area.
Selection and preparation of materials	Correct materials are selected to carry out repair and to match original.
Carry out repair:	
Profile	Match original profile $\pm 3$ mm.
Surface finish	Flat and flush with existing finish.
Moulding (straight length)	Cut to length to match existing.
Moulding (internal/external angle)	Cut to size to match existing.
Forming internal corner	Straight and to match existing $\pm 3$ mm.

## **National Unit specification: support notes**

### **Unit title: Plastering: Internal Repairs**

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**

This Unit has been developed as a mandatory Unit in the Professional Development Award in Plastering at SCQF level 6.

The successful completion of this Unit will provide candidates with the required underpinning knowledge, skills and construction practices relating to the identification, marking out, preparation and repair techniques associated with a range of internal plasterwork.

This Unit should be offered to candidates from the construction and related services industries. The skills and knowledge and understanding are transferable within different working environments but the Unit is primarily aimed at candidates whose normal place of work would be a site, workshop, or similar environment.

The Unit deals with a range of internal plasterwork repairs. It should be delivered as part of a structured programme of training and orientated to the context of the candidate's work and area of responsibility.

Health and safety and sustainability are integral and key to the construction industry therefore throughout the Unit emphasis will be placed where appropriate on the application of health and safety and sustainability. Safety working practices should be looked at in accordance with current safety codes of practice and regulations. Sustainability should include reference to criteria affecting sustainability, impact of not implementing sustainability on the environment and the legislation promoting sustainability.

### **Guidance on learning and teaching approaches for this Unit**

Candidates are required to develop their ability to carry out a range of internal plasterwork repairs in a safe manner at all times. It is anticipated that the majority of learning will take place in a workshop/site environment. Practical demonstrations underpinned by effective questioning techniques should focus on key skills, construction practices, techniques and underpinning knowledge related to the repair of internal plasterwork including; plasterboard, two coat plasterwork, EML and plaster moulding.

During the learning process, practical learning is fundamental as candidates must become proficient in terminology and construction practices relevant to repairs. There will be opportunities during this Unit for candidates to take account of a range of factors in order to work efficiently and safely, such as the choice of tools, appropriate materials, safety issues, safety equipment and sustainability.

## National Unit specification: support notes (cont)

### Unit title: Plastering: Internal Repairs

Individual discussions with assessors will enhance the evaluation of efficient working practices. At certain times, candidates will work individually and in teams, communicate with each other, organise work schedules, set up the working area, move tools in and out of storage, and generally develop the ability to work in a professional manner.

Where appropriate, opportunities should be taken throughout delivery of this Unit to meet the requirements of the generic Units of the Training and Assessment Programme including:

- ◆ *Conform to Productive Working Practices*
- ◆ *Conform to General Workplace Health, Safety and Welfare*
- ◆ *Move, Handle and Store Resources*
- ◆ *Confirm Work Activities and Resources for the Work*
- ◆ *Develop and Maintain Good Working Relationships*
- ◆ *Confirm the Occupational Method of Work*

### Guidance on approaches to assessment for this Unit

Detailed assessment material for this Unit will be found in the Plastering Training and Assessment Programme (TAP). Centres may use the instruments of assessment which they consider to be most appropriate but are advised to use the Plastering TAP which has been developed centrally by SQA. Any other instruments of assessment used must be comparable to the TAP and have been through prior verification.

The candidate's knowledge and understanding of internal repairs will be assessed through a question paper.

A range of related tasks will assist in candidates' preparation in the lead-up to each practical assessment. The tasks should provide candidates with opportunities to practice their skills on a range of plasterwork repairs and should progressively develop both skills and understanding before each assessment.

Evidence will be gathered for all Outcomes through observation that the candidates have met the given standards and tolerances during the practical assessment. An assessor observation checklist should be used to record this evidence. Assessment should be conducted under controlled, supervised conditions.

### 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)*.



## **National Unit specification: support notes (cont)**

**Unit title:** Plastering: Internal Repairs

### **Opportunities for developing Core Skills**

The Core Skill of *Problem Solving* at SCQF level 4 could be developed as candidates undertake this Unit. Candidates will need to take account of a range of factors in order to work efficiently and safely, such as the choice of tools, appropriate materials, safety issues, safety equipment and sustainability. Individual discussions with assessors will enhance the evaluation of efficient working practices.

Opportunities also arise for candidates to develop the Core Skill of *Information and Communication Technology (ICT)* at SCQF level 3 by researching Health and Safety legislation affecting their area of work.

*Numeracy* at SCQF level 4 could be enhanced through following of measuring and costing exercises.

There will be opportunities for candidates to develop the Core Skill of *Communication* at SCQF level 4. Candidates will have the opportunity to develop written and/or oral communication skills for the knowledge part of the assessment for Outcome 1. As candidates complete practical tasks, they should be expected to communicate with others using the correct terminology, tone and style suited to the workplace

### **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](http://www.sqa.org.uk/assessmentarrangements)

## History of changes to Unit

Version	Description of change	Date

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