



National Unit Specification

General information

Unit title: Plastering: Run and Fix Mouldings and Cornice
(SCQF level 6)

Unit code: HL40 46

Superclass: TJ

Publication date: June 2017

Source: Scottish Qualifications Authority

Version: 02

Unit purpose

This unit is suitable for learners working towards a Modern Apprenticeship in Plastering. This unit is designed to provide learners with competence in the use of tools and equipment to construct in-situ and panel moulds, set out, run and fix straight and curved panel moulding, produce cornice in-situ and the ability to apply these skills in the workplace.

It is also designed to enable learners to develop their understanding and use of plastering terminology, techniques, and practices and to produce working drawings.

Outcomes

On successful completion of the unit the learner will be able to:

- 1 Identify terminology, techniques and construction practices used in running and fixing mouldings and cornice.
- 2 Draw a cornice/panel profile and construct in-situ and panel running moulds.
- 3 Set out given wall and ceiling area and run a straight length of cornice in-situ.
- 4 Run straight and curved lengths of panel moulding.
- 5 Fix and mitre straight and curved panel mouldings

Credit points and level

3 National Unit credits at SCQF level 6: (18 SCQF credit points at SCQF level 6)

National Unit Specification: General information (cont)

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Recommended entry to the unit

While entry is at the discretion of the centre, learners 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.

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.

Context for delivery

If this unit is delivered as part of a group award, it is recommended that it should be taught and assessed within the subject area of the group award to which it contributes.

The Training and Assessment Programme (TAP's) for this unit provides assessment and marking guidelines that exemplify the national standard for achievement. It is a valid, reliable and practicable assessment. Centres wishing to develop their own assessments should refer to the TAP to ensure a comparable standard. A list of existing TAP's is available to download from SQA's website (<http://www.sqa.org.uk/sqa/46233.2769.html>).

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.

Further advice can be found on our website www.sqa.org.uk/assessmentarrangements.

National Unit Specification: Statement of standards

Unit title: Plastering: Run and Fix Mouldings and Cornice
(SCQF level 6)

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

Identify terminology, techniques and construction practices used in running and fixing mouldings and cornice.

Performance criteria

- (a) Identify terminology related to a range of cornice work and moulding processes.
- (b) Identify setting out techniques.
- (c) Identify construction practices.

Outcome 2

Draw a cornice/panel profile and construct in-situ and panel running moulds.

Performance criteria

- (a) Produce an annotated drawing of a cornice profile to a prescribed scale in compliance with the current Building Standards (Scotland) Regulations.
- (b) Annotate drawings accurately in accordance with the current Building Standards (Scotland) Regulations.
- (c) Construct running moulds to the given specifications using drawn profile.

Outcome 3

Set out given wall and ceiling area and run a straight length of cornice in-situ.

Performance criteria

- (a) Apply screeds in accordance with the specifications.
- (b) Fix running rules in accordance with the specifications.
- (c) Form a muffle in accordance with the specifications.
- (d) Core out in accordance with the given specification.
- (e) Select, proportion and mix materials.
- (f) Finish a run length in-situ in accordance with the specification.

National Unit Specification: Statement of standards

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Outcome 4

Run straight and curved lengths of panel moulding.

Performance criteria

- (a) Prepare bench surface correctly.
- (b) Position running rod correctly in accordance with given specification.
- (c) Position gig stick correctly in accordance with given specification.
- (d) Run moulding in accordance with the given specification.

Outcome 5

Fix and mitre straight and curved panel mouldings.

Performance criteria

- (a) Set out for fixing in accordance with given specifications.
- (b) Fix components in accordance with the given specification.
- (c) Joint and finish components in accordance with given specification.

Evidence requirements for this unit

Evidence is required to demonstrate that learners have achieved all outcomes and performance criteria.

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

Evidence is required to demonstrate that the learner has achieved this unit to the standard specified in all outcomes and performance criteria.

Written and/or oral recorded evidence is required to demonstrate that the learner has achieved Outcome 1 to the standard specified in the performance criteria. Learners will be required to demonstrate their knowledge of terminology, techniques and practices by defining terms, describing manufacturing and production techniques and identifying required construction practices. This assessment will take the form of a question paper and will be conducted under controlled, closed book supervised conditions.

Product and performance evidence is required to demonstrate that the learner has achieved Outcomes 2, 3, 4 and 5 to the standards specified in the performance criteria. Learners will be required to manufacture both straight and curved lengths of moulding from a running mould. Learners will also be required to cut and fix both moulding types to a background area. Learners will be required to constructing a running mould, run cornice in-situ. Assessment of these outcomes will be evidenced through observation of work processes and assessment of the completed assessment. Learners 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. Learners can work in pairs during practical assessments.

National Unit Specification: Statement of standards (cont)

Unit title: Plastering: Run and Fix Mouldings and Cornice
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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.

National Unit Specification: Statement of standards (cont)

Unit title: Plastering: Run and Fix Mouldings and Cornice
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Outcomes 2 and 3

Produce in-situ running mould and run a straight length of cornice

Summary of standards (working towards industrial tolerances)	
Item	Measurement of standard
Profile detail	Draw accurately ± 2 mm
Transfers paper profile to metal	Fully glued and free from wrinkles/tears
Metal profile forming	Cut and file accurately ± 2 mm
Profile fixing	Suitable positioned and fully secured to stock
Stock	Trimmed back from profile to allow feed ± 3 mm
Slipper	Accurately cut to size, positioned and fixed square with stock ± 2 mm
Handle/brace	Securely fixed-stock/slipper 90° alignment
Muffle	Fully secured-average thickness 4 mm–6 mm
Justin screeds	Straight and flat no bumps ± 2 mm
Running rules	Set out accurately and fixed securely ± 2 mm
Coring out	Build up coats not to exceed 10 mm
Core run	Fully coated no hollows/misses
Core keyed	Evenly with no misses
Material mixing/proportioning	Suitable consistency free from lumps/dry material
Finished run	Straight ± 2 mm with no excessive blemishes or chattering along the length
Arrises of run	In line and sharp along the length

Summary of standard (for learner information only)	
Item	Measurement of standard
Wastage	Kept to a minimum
Health and safety	Complies at all times
Risk assessment	Safety boots worn at all times Respiratory masks and goggles to be worn when dismantling models COSHH regulations to be adhered to throughout all activities
Method statement	Work area kept clean at all times Materials stacked safely at all times Tools and equipment handled safely at all times Tools and equipment stacked/stored safely at the end of each working day Waste disposal to conform with organisation requirements

National Unit Specification: Statement of standards (cont)

Unit title: Plastering: Run and Fix Mouldings and Cornice
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Outcomes 4 and 5

Produce, cut, fix and mitre straight and curved panel moulds.

Summary of standards (working towards industrial tolerances)	
Item	Measurement of standard
Profile detail	Draw accurately ± 2 mm
Transfers paper profile to metal	Fully glued and free from wrinkles/tears
Metal profile forming	Cut and file accurately ± 2 mm
Profile fixing	Suitable positioned and fully secured to stock
Stock	Trimmed back from profile to allow feed ± 3 mm
Slipper	Accurately cut to size, positioned and fixed square with stock ± 2 mm
Bench preparation	Bench surface checked and defects corrected. Clean, sealed and release agent applied with no misses and without excessive release agent stock
Running rod — straight run	Correctly positioned, securely fixed and straight along its length ± 3 mm
Gig stick – curved run	Fixed securely to running mould and accurately set out for curved run ± 3 mm
Mixing materials	Free from lumps and dry materials and to a creamy consistency
Panel mould run	Straight lines maintained along run lengths ± 3 mm
Product finish	Surface to be fully formed with all moulding detail sharp along its length. No excessive blemishes or chattering along the run length
Gig stick — curved run	Fixed securely to running mould and accurately set out for curved run ± 3 mm
Panel mould run	Curve lines maintained along run lengths ± 3 mm
Product finish	Surface to be fully formed with all moulding detail sharp along its length. No excessive blemishes or chattering along the run length

National Unit Specification: Statement of standards (cont)

Unit title: Plastering: Run and Fix Mouldings and Cornice
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Outcomes 4 and 5

Produce, cut, fix and mitre straight and curved panel moulds.

Summary of standards (working towards industrial tolerances)	
Item	Measurement of standard
Product length	Cut to specification length ± 3 mm
Setting out for fixing	Marking out is clear and accurate ± 3 mm
Fixing run lengths	Fully bedded/screw fixed securely to background area
Jointing	All joints/mitres to fully match profile detail lines
Product finish	Smooth with all members clean and sharp

Summary of standard (for learner information only)	
Item	Measurement of standard
Wastage	Kept to a minimum
Health and safety	Complies at all times
Risk assessment	Safety boots worn at all times Respiratory masks and goggles to be worn when dismantling models COSHH regulations to be adhered to throughout all activities
Method statement	Work area kept clean at all times Materials stacked safely at all times Tools and equipment handled safely at all times Tools and equipment stacked/stored safely at the end of each working day Waste disposal to conform with organisation requirements



National Unit Support Notes

Unit title: Plastering: Run and Fix Mouldings and Cornice
(SCQF level 6)

Unit support notes are offered as guidance and are not mandatory.

While the exact time allocated to this unit is at the discretion of the centre, the notional design length is 80 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 learners with the required underpinning knowledge and skills relating to setting out techniques and construction practices associated with constructing a running mould, running cornice in-situ. Producing, cutting, mitring and fixing straight and curved lengths of panel moulding.

This unit should be offered to learners 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 learners whose normal place of work would be a site, workshop, or similar environment.

The unit deals with constructing a running moulds, run cornice in-situ. Running and fixing straight and curved lengths of panel moulding. It should be delivered as part of a structured programme of training and orientated to the context of the learner'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 approaches to delivery of this unit

The learner is required to develop their ability to construct a running mould, run cornice in-situ and to set out and produce panel mould and fix panel mouldings in a safe manner at all times and, therefore, it is anticipated that the majority of learning will take place in a workshop/site environment.

National Unit Support Notes (cont)

Unit title: Plastering: Run and Fix Mouldings and Cornice
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Practical demonstrations underpinned by effective questioning techniques should focus on key skills, construction practices, techniques and underpinning knowledge related to constructing a running mould, run cornice in-situ and the production, cutting, mitring and fixing of straight and curved panel mouldings. During the learning process, practical learning is fundamental as learners must become proficient in terminology and construction practices relevant to running cornice work incorporating short breaks and mitres and producing and running panel mouldings and the production, cutting, mitring and fixing of straight and curved panel mouldings

The knowledge and understanding for this Unit should be integrated with the practical work. It follows therefore that the assessment of performance evidence and knowledge evidence should be carried out around the same time.

Opportunities should be taken whenever possible throughout the delivery of this Unit to evidence the competencies associated with the generic Units related to the Plastering Training and Assessment Programme including:

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

Guidance on approaches to assessment of this unit

Evidence can be generated using different types of assessment. The following are suggestions only. There may be other methods that would be more suitable to learners.

Centres are reminded that prior verification of centre-devised assessments would help to ensure that the national standard is being met. Where learners experience a range of assessment methods, this helps them to develop different skills that should be transferable to work or further and higher education.

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 learner's knowledge and understanding of terminology, techniques and construction practices of plastering will be assessed through a question paper (Outcome1).

Learners will be required to produce one annotated scale drawings to meet the requirements of Outcome 2.

National Unit Support Notes (cont)

Unit title: Plastering: Run and Fix Mouldings and Cornice
(SCQF level 6)

Learners should be given as much practise as possible in constructing a running mould, run cornice in-situ and running and fixing techniques for curved and straight mouldings and should progressively develop both skills and understanding before each assessment. Evidence will be gathered for Outcomes 2, 3, 4 and 5 through observation that the learners have met the given standards and tolerances during the practical assessment. The TAP summary of standards observation/operational checklist/record must be used to record this evidence. Assessment should be conducted under controlled, supervised conditions.

Opportunities for 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 learner evidence and that conditions of assessment as specified in the Evidence Requirements are met, regardless of the mode of gathering evidence. The most up-to-date guidance on the use of e-assessment to support SQA's qualifications is available at www.sqa.org.uk/e-assessment.

Opportunities for developing Core and other essential skills

Components of the Core Skill of Problem Solving at SCQF level 4, such as Planning and Organising and Critical Thinking will be developed as learners develop the ability to translate the information from the working drawings into practice and ensure that the correct materials and methods of application are used in the production and fixing of plaster moulds and cornice.

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

Numeracy at SCQF level 4 will be developed through the interpretation of information working drawings and the practical use of calculation and measuring scales required to complete the practical assessments for Outcomes 2, 3, 4 and 5.

There will be opportunities for learners to develop the Core Skill of Communication at SCQF level 4. Learners will have the opportunity to develop written and/or oral communication skills for the knowledge part of the assessment for Outcomes 1 and 2. As learners complete practical tasks, they should be expected to communicate with others using the correct terminology suited to the workplace.

The Core Skill of Problem Solving at SCQF level 4 could be developed as learners undertake this Unit. Learners 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.

National Unit Support Notes (cont)

Unit title: Plastering: Run and Fix Mouldings and Cornice
(SCQF level 6)

There are opportunities for learners to develop the Core Skill of Working with Others at SCQF level 4, particularly in Outcome 3 as this practical assessment is to be carried out working in pairs, as part of teaching and learning. Learners can agree responsibilities and provide support and information to each other during the assessments. After assessment, they should be encouraged to consider how effectively they supported each other.

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

History of changes to unit

Version	Description of change	Date
02	Core Skills component Critical Thinking at SCQF level 4 embedded.	01/06/17

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General information for learners

Unit title: Plastering: Run and Fix Mouldings and Cornice (SCQF level 6)

This section will help you decide whether this is the unit for you by explaining what the unit is about, what you should know or be able to do before you start, what you will need to do during the unit and opportunities for further learning and employment.

This unit is suitable for individuals working towards a Modern Apprenticeship in Plastering. This unit is designed to provide you with competence in the use of tools and equipment to construct in-situ and panel moulds, set out, run and fix straight and curved panel moulding, produce cornice in-situ and the ability to apply these skills in the workplace.

It is also designed to enable you to develop their understanding and use of plastering terminology, techniques, and practices and to produce working drawings

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 will be looked at in accordance with current safety codes of practice and regulations.

There will be a series of training exercises followed by some practical task based assessment and multi choice knowledge assessment. Completion of the unit will provide you with the basic skills necessary to enable you to progress to more complex aspects of plastering: run and fix mouldings and cornice which in turn will further develop your skills and knowledge.

Components of the Core Skill of Problem Solving at SCQF level 4, such as Planning and Organising and Critical Thinking will be developed as you develop the ability to translate the information from the working drawings into practice and ensure that the correct materials and methods of application are used in the production and fixing of plaster moulds and cornice.

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

Numeracy at SCQF level 4 will be developed through the interpretation of information working drawings and the practical use of calculation and measuring scales required to complete the practical assessments for Outcomes 2, 3, 4 and 5.

There will be opportunities for you to develop the Core Skill of Communication at SCQF level 4. You will have the opportunity to develop written and/or oral communication skills for the knowledge part of the assessment for Outcomes 1 and 2. As you complete practical tasks, you will be expected to communicate with others using the correct terminology suited to the workplace.

The Core Skill of Problem Solving at SCQF level 4 could be developed as you undertake this unit. You 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.

General information for learners (cont)

Unit title: Plastering: Run and Fix Mouldings and Cornice
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There are opportunities for you to develop the Core Skill of Working with Others at SCQF level 4, particularly in Outcome 3 as this practical assessment is to be carried out working in pairs, as part of teaching and learning. You can agree responsibilities and provide support and information to each other during the assessments. After assessment, you will be encouraged to consider how effectively you supported each other.

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