



National Unit specification

General information

Unit title: Plastering: Floorscreeding (SCQF level 6)

Unit code: HL3W 46

Superclass: TG

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Source: Scottish Qualifications Authority

Version: 02

Unit purpose

This unit is suitable for learners working towards a Modern Apprenticeship in Plastering and will develop the learners understanding of floorscreeding. This unit is designed to provide learners with competence in preparing sub-floor areas, transferring datum levels, forming floor screeds, laying floors areas and their ability to apply this in the workplace. It is also designed to enable learners to develop their understanding of floorscreeding terminology, techniques and practices.

Outcomes

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

- 1 Identify and select different types of floor screeds, types of floors and methods of construction.
- 2 Prepare sub-floor areas and transfer datum levels.
- 3 Lay level floor areas using a range of methods.

Credit points and level

0.5 National Unit credit at SCQF level 6 (3 SCQF credit points at SCQF level 6)

Recommended entry to the unit

While entry to this unit 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.

National Unit specification: General information (cont)

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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 Using Number 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

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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 and select different types of floor screeds, types of floors and methods of construction.

Performance criteria

- (a) Identify and select different types of floors and methods of construction.
- (b) Identify and select the different types of preparations used in laying floors.
- (c) Calculate areas, perimeters, ratios, weight and cost.
- (d) Identify health and safety issues.

Outcome 2

Prepare sub-floor areas and transfer datum levels.

Performance criteria

- (a) Prepare sub-floor area (clean off debris, control suction, form key).
- (b) Transfer datum level using water level or laser level before forming screeds.
- (c) Comply with current health and safety requirements during all work methods and activities.

Outcome 3

Lay level floor areas using a range of methods.

Performance criteria

- (a) Form level screeds using timber battens.
- (b) Form level screeds using dot and screed method.
- (c) Lay floor area working off screeds.
- (d) Comply with current health and safety requirements during all work methods and activities.

National Unit specification: Statement of standards (cont)

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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 types of floors, their preparation and construction, health and safety issues and calculations of areas and materials. The instrument of assessment will be a questions paper conducted in a closed-book format.

Product and performance evidence is required to demonstrate that the learner has achieved all outcomes to the standards specified in the performance criteria. Learners will be required to prepare floor areas, transfer datum levels, form floor screeds, lay floor areas. Learners must demonstrate safe handling of tools and materials, an awareness of standards and tolerances and comply with workshop cleaning and maintenance and health and safety/Personal Protective Equipment regulations.

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: Floorscreeding (SCQF level 6)

Outcomes 2 and 3

Prepare floor area and transfer datum levels and position and level a floor using dots/battens.

Summary of Standards (for learner information only)	
Item	Measurement of standards
Sub-floor thoroughly cleaned	Complies at all times
Preparation	Adequate for floor.
Datum level transferred	± 7 mm
Dots/battens levelled both directions	± 7 mm
Positioning of dots/battens	Correct at all times
Setting out screeds	Correct at all times
Screeds level	±7 mm
Bays screeded level	±7 mm
Surface finish	Floated Uniform in texture Free from scour marks Flat ±7 mm
Material consistency	Free from lumps and dry materials and workable/spreadable
Health and Safety	Complies at all times

Summary of Standards (for learner information only)	
Item	Measurement of standards
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: Floorscreeding (SCQF level 6)

Outcomes 2 and 3

Transfer datum lines level and lay dots/battens levelled in both directions and screeds level for an area minimum 4 m².

Summary of Standards (working towards Industrial tolerances)	
Item	Measurement of standards
Sub-floor thoroughly cleaned	Complies at all times
Datum level transferred	±5 mm
Dots levelled in both directions	±5 mm
Positioning of dots	Correct to suit given task area
Positioning of screeds	Correct to suit given task area
Screeds level	±5 mm
Bays screeded level	±5 mm
Surface finish	Floated Uniform in texture Free from scour marks Flat ±5 mm
Material consistency	Free from lumps and dry materials and workable/spreadable
Working area	Clean at all times
Health and Safety	Complies at all times

Summary of Standards (for learner information only)	
Item	Measurement of standards
Wastage	Kept to a minimum
Health and safety	Complies at all times
Risk assessment	Safety boots worn at all times. All other PPE as risk assessed 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: Floorscreeding (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 20 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 preparing sub-floor areas, transferring datum levels, forming floor screeds, laying floors areas and repairing floor areas.

The knowledge elements of this unit should cover the following:

- ◆ Sub floor preparation
- ◆ Transferring datum levels
- ◆ Plastering flooring materials (cement/types of sand/concrete)
- ◆ Dry and wet mixes
- ◆ Curing
- ◆ Forming screeds by timber batten method
- ◆ Forming screeds by dot and screed method
- ◆ Laying floors
- ◆ Floating in surfaces
- ◆ New techniques
- ◆ Numeracy (perimeters/areas/volume/weight/ratios/cost)
- ◆ Workshop health and safety (general health and safety and PPE)

The practical section of this unit should cover the following:

- ◆ Sub floor preparation.
- ◆ Transferring datum levels
- ◆ Plastering flooring materials, (cement/types of sand/concrete)
- ◆ Dry and wet mixes
- ◆ Curing
- ◆ Forming screeds by timber batten method
- ◆ Forming screeds by dot and screed method
- ◆ Laying floors
- ◆ Floating in surfaces
- ◆ Workshop health and safety (general health and safety and PPE)

National Unit Support Notes (cont)

Unit title: Plastering: Floorscreeding (SCQF level 6)

This unit 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 should be provided with materials, photographs/visual aids, and student handouts in a classroom environment followed by lecturer led discussions on preparing sub-floor areas, transferring datum levels, forming floor screeds, laying floors areas and repairing floor areas safely and correctly.

The learner should be introduced to a workshop environment where lecturer led demonstrations of preparing sub-floor areas, transferring datum levels, forming floor screeds, laying floors areas to be carried out to the correct thickness, flatness and plumb/level. The learner should follow demonstrations which should be supported by classroom notes and group. Learners may work in pairs to carry out the practical elements of this unit.

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 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 Section 5 of 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.

National Unit Support Notes (cont)

Unit title: Plastering: Floorscreeding (SCQF level 6)

The learner's knowledge and understanding of floorscreeding will be assessed through a question paper. Learners will be required to carry out calculations for Outcome 1.

Learners should be given as much practise as possible in floorscreeding prior to being set the assessment. Evidence will be gathered for Outcomes 2 and 3 through observation of work processes and assessment of the completed workpieces to ensure that the learners have met the given standards and tolerances during the practical assessment. An assessor observation checklist should be used to record this evidence.

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

The Core Skill of Problem Solving at SCQF level 4 should 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.

There are opportunities for learners to develop Core Skill of Working with Others at SCQF level 4, as this practical assessment will be carried out working in pairs. 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.

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

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 Outcome 1. As learners complete practical tasks, they should be expected to communicate with others using the correct terminology, tone and style suited to the workplace.

This unit has the Critical Thinking component of Problem Solving and the Using Number component of Numeracy 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 and Using Number at SCQF level 4.

History of changes to unit

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

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General information for learners

Unit title: Plastering: Floorscreeding (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 and will develop the learners understanding of floorscreeding. This unit is designed to provide you with competence in preparing sub-floor areas, transferring datum levels, forming floor screeds, laying floors areas and their ability to apply this in the workplace. It is also designed to enable you to develop their understanding of floorscreeding terminology, techniques and practices.

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 half brick walling which in turn will further develop your skills and knowledge.

The Core Skill of Problem Solving at SCQF level 4 should 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.

There are opportunities for you to develop Core Skill of Working with Others at SCQF level 4, as this practical assessment will be carried out working in pairs. You can agree responsibilities and provide support and information to each other during the assessments. After assessment, you should be encouraged to consider how effectively you supported each other.

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

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 Outcome 1. As you complete practical tasks, you will be expected to communicate with others using the correct terminology, tone and style suited to the workplace.

This unit has the Critical Thinking component of Problem Solving and the Using Number component of Numeracy 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 and Using Number at SCQF level 4.