



National Unit specification

General information

Unit title: Plastering: Curved Plasterwork (SCQF level 6)

Unit code: HL3X 46

Superclass: TG

Publication date: June 2017

Source: Scottish Qualifications Authority

Version: 03

Unit purpose

This unit is suitable for learners working towards a Modern Apprenticeship in Plastering and will develop the learners understanding of plastering curved surfaces. The unit is designed to provide learners with competence in preparing, setting out and plastering curved surfaces and shows the ability to apply this in the workplace. It is also designed to enable learners to develop their understanding and use of plastering terminology, techniques and practices.

Outcomes

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

- 1 Identify the methods used to set out and straighten curved wall areas.
- 2 Prepare wall area and position dots to form screeds on curved wall.
- 3 Form screeds and apply straightening coats to curved wall area.
- 4 Apply finishing plaster to a curved wall area.

Credit points and level

1 National Unit credit at SCQF level 6: (6 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)

Unit title: Plastering: Curved Plasterwork (SCQF level 6)

Core Skills

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

| | |
|----------------------|---|
| Complete Core Skill | None |
| Core Skill component | Using Number at SCQF level 4 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: Curved Plasterwork (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 the methods used to set out and straighten curved wall areas.

Performance criteria

- (a) Identify the different methods used to set out and straighten a curved wall.
- (b) Identify the use and production of a curved rule.
- (c) Demonstrate an understanding of the correct use of lightweight plasters.
- (d) Calculate circular areas, perimeters, cost.

Outcome 2

Prepare wall area and position dots to form screeds on curved wall.

Performance criteria

- (a) Identify and select the correct tools and materials for the given task.
- (b) Prepare background.
- (c) Mix lightweight plaster according to given instructions.
- (d) Position dots using a curved rule or square method.

Outcome 3

Form screeds and apply straightening coats to curved wall area.

Performance criteria

- (a) Identify and select the correct tools and materials for the given task.
- (b) Prepare background.
- (c) Form screeds using dots and curved rule.
- (d) Apply straightening coat in lightweight plaster to given specifications.

National Unit specification: Statement of standards (cont)

Unit title: Plastering: Curved Plasterwork (SCQF level 6)

Outcome 4

Apply finishing plaster to a curved wall area.

Performance criteria

- (a) Mix lightweight plaster according to given instructions.
- (b) Apply finishing plaster to a curved background to given specifications.
- (c) 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).

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 Outcomes 1 to the standard specified in the performance criteria. Learners will demonstrate their knowledge and understanding of different methods used to set out and straighten a curved wall area, identify the correct use and production of a curved rule, demonstrate an understanding of lightweight plasters and use calculations to work out areas and perimeters of circular areas. The instrument of assessment will be a questions paper conducted in supervised, closed-book conditions.

Product and performance evidence is required to demonstrate that the learner has achieved Outcomes 2, 3, and 4 to the standards specified in the performance criteria. Learners will be required to prepare backgrounds, set out and straighten a curved wall area and apply finishing plaster to curved wall 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: Curved Plasterwork (SCQF level 6)

Outcomes 2 and 3

Prepare wall area and position dots to form screeds on curved wall.

| Item | Measurement of standard |
|------------------------------|--|
| Plumb | +/-4 mm |
| Flatness | +/-4 mm |
| Screed thickness | 10 mm +/- 5 mm |
| Screed formed to curvature | +/-4 mm |
| Floated evenly (devil float) | Evenly no greater than half the coat thickness |
| Material consistency | Free from lumps and dry material |
| Working area | Clean at all times |
| Wastage | Kept to a minimum |
| Health and safety | Complies at all time |

Outcomes 2, 3 and 4

Form screeds and apply straightening and finishing coats to curved wall area.

| Item | Measurement of standard |
|------------------------------|--|
| Plumb | +/-4 mm |
| Flatness | +/-4 mm |
| Thickness | 10 mm +/- 5 mm |
| Formed to curvature | +/-4 mm |
| Floated evenly (devil float) | Evenly no greater than half the coat thickness |
| Material consistency | Free from lumps and dry material |
| Finish applied | 2–4 mm free from misses and blemishes |
| Working area | Clean at all times |
| Wastage | Kept to a minimum |
| Health and safety | Complies at all time |

Outcomes 2 and 3

Prepare wall area and position dots to form screeds on curved wall.

| Item | Measurement of standard |
|------------------------------|--|
| Plumb | +/-4 mm |
| Flatness | +/-4 mm |
| Screed thickness | 10 mm +/- 5 mm |
| Screed formed to curvature | +/-4 mm |
| Floated evenly (devil float) | Evenly no greater than half the coat thickness |
| Material consistency | Free from lumps and dry material |
| Working area | Clean at all times |
| Wastage | Kept to a minimum |
| Health and safety | Complies at all time |

National Unit specification: Statement of standards (cont)

Unit title: Plastering: Curved Plasterwork (SCQF level 6)

Outcomes 2, 3 and 4

Form screeds and apply straightening and finishing coats to curved wall area.

| Item | Measurement of standard |
|------------------------------|--|
| Plumb | +/-4 mm |
| Flatness | +/-4 mm |
| Thickness | 10 mm +/- 5 mm |
| Formed to curvature | +/-4 mm |
| Floated evenly (devil float) | Evenly no greater than half the coat thickness |
| Material consistency | Free from lumps and dry material |
| Finish applied | 2–4 mm free from misses and blemishes |
| Working area | Clean at all times |
| Wastage | Kept to a minimum |
| Health and safety | Complies at all time |



National Unit Support Notes

Unit title: Plastering: Curved Plasterwork (SCQF level 6)

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 learners with the required underpinning knowledge and skills relating to plastering tools and materials, preparation of backgrounds and the mixing and application of plaster.

The knowledge elements of this unit should cover the following:

- ◆ Plastering tools (curved rules, large squares)
- ◆ Curved Screeds (dot and screed)
- ◆ Plastering materials (lightweight plasters)
- ◆ Backgrounds and absorption
- ◆ Safe handling of tools and materials
- ◆ Calculations (area, perimeter, circular areas, pi)
- ◆ Workshop health and safety (general health and safety and PPE)

The practical section of this unit should cover the following:

- ◆ Preparing backgrounds (absorption/suction control)
- ◆ Setting out dots on a curved wall (curved rule, square)
- ◆ Apply straightening coat to curved wall
- ◆ Applying lightweight plasters (thickness/flatness/plumb)
- ◆ Forming a mechanical key (devil float)
- ◆ Safe handling of tools and materials (handling and lifting techniques)
- ◆ Complying with workshop cleaning and maintenance
- ◆ Complying with health and safety/PPE 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 Support Notes (cont)

Unit title: Plastering: Curved Plasterwork (SCQF level 6)

Guidance on approaches to delivery of this unit

The learner should be provided with plastering materials and photographs/visual aids in a workshop environment followed by lecturer led demonstrations on how these plastering materials should be used safely and correctly.

The learner should be introduced to a workshop environment where lecturer led demonstrations on preparing a range of backgrounds, methods used to set out and straighten a curved wall area, the correct use and production of a curved rule, state lightweight plasters used and use calculations to work out perimeters of circular areas. The learner should follow demonstrations which should be supported by classroom notes and group discussions. Learners may work in pairs to carry out the practical elements of this unit.

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 General Workplace Health Safety and Welfare*
- ◆ *Confirm Work Activities and Resources for the Work*
- ◆ *Develop and Maintain Good Working Relationships*
- ◆ *Confirm the Occupational Method of Work*
- ◆ *Construction Craft Associated Subjects*

Guidance on approaches to assessment of 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 learner's knowledge and understanding of curved plasterwork will be assessed through a question paper.

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

Evidence will be gathered for all outcomes through observation 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. Assessment should be conducted under controlled, supervised conditions.

National Unit specification: support notes (cont)

Unit title: Plastering: Curved Plasterwork (SCQF level 6)

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 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.

There are opportunities for learners to develop the Core Skill of Working with Others at SCQF level 4, as this practical assessment may 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 developed through 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 Using Number component of Numeracy and 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 Using Number at SCQF level 4 and Critical Thinking at SCQF level 4.

History of changes to unit

| Version | Description of change | Date |
|---------|---|------------|
| 03 | Within section: Guidance on learning and teaching approaches for this unit – unit titles have been amended. | April 2021 |
| 02 | Core Skills components Using Number at SCQF level 4 and Critical Thinking at SCQF level 4 embedded. | 01/06/17 |
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General information for learners

Unit title: Plastering: Curved Plasterwork (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.

The unit is designed to provide learners with competence in preparing, setting out and plastering curved surfaces and shows the ability to apply this in the workplace. It is also designed to enable learners to develop their understanding and use of plastering 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 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.

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

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