

# **National Unit Specification**

#### **General information**

**Unit title:** Plastering: Drywall Materials and Internal Repairs

(SCQF level 6)

Unit code: HL3V 46

Superclass: TG

**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 and will develop the learners understanding of measuring, cutting and fixing drywall materials to a range of backgrounds and undertake a range of internal repairs. This unit is designed to provide learners with competence in preparing backgrounds, cutting and fixing plasterboard to horizontal and vertical surfaces and openings, applying plasterboard coving and carry out internal repairs to drywall materials and lightweight plasters. It is also designed to enable learners to develop their understanding of plastering terminology, techniques and practices.

#### **Outcomes**

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

- 1 Identify terminology, components, techniques and practices used in fixing plasterboard and coving and to carry out internal repairs.
- 2 Produce fully annotated scaled working drawing of beam section.
- 3 Fix plasterboard to walls, piers, ceilings and beams.
- 4 Dot and dab plasterboard to solid backgrounds with opening and fix plasterboard coving.
- 5 Prepare and repair plasterboard and prepare and repair two coat plasterwork.

## Credit points and level

2 National Unit credits at SCQF level 6: (12 SCQF credit points at SCQF level 6)

## **National Unit Specification: General information (cont)**

**Unit title:** Plastering: Drywall Materials and Internal Repairs

(SCQF level 6)

# 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 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.

**Unit title:** Plastering: Drywall Materials and Internal Repairs

(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, components, techniques and practices used in fixing plasterboard and coving and to carry out internal repairs.

#### Performance criteria

- (a) Identify different types of plasterboard materials.
- (b) Identify different types of backgrounds and preparation.
- (c) Identify plasters suited to a range of plasterboard backgrounds.
- (d) Identify methods of fixing plasterboard materials.
- (e) Calculate areas, perimeters, cost.
- (f) Identify and explain the different types of internal repairs correctly.
- (g) Identify different types of background preparations accurately.

### **Outcome 2**

Produce fully annotated scaled working drawing of beam section.

#### Performance criteria

- (a) Produce a drawing of a beam section to a prescribed scale in compliance with the current Regulations.
- (b) Annotate drawings accurately in accordance with the current Regulations.

### **Outcome 3**

Fix plasterboard to walls, piers, ceilings and beams.

#### Performance criteria

- (a) Prepare background to receive plasterboard materials.
- (b) Measure, cut, and fix plasterboard to timber wall and pier.
- (c) Measure, cut, and fix plasterboard to timber ceiling and beam.

**Unit title:** Plastering: Drywall Materials and Internal Repairs

(SCQF level 6)

#### **Outcome 4**

Dot and dab plasterboard to solid backgrounds with opening and fix plasterboard coving.

#### Performance criteria

- (a) Prepare background to receive plasterboard materials.
- (b) Mix lightweight plaster according to given instructions.
- (c) Measure, cut, and fix plasterboard to solid background with opening.
- (d) Prepare background to receive coving.
- (e) Measure, cut, and fix plasterboard coving to background including one internal, one external, one return and scarf or butted mitre.

#### **Outcome 5**

Prepare and repair plasterboard and prepare and repair two coat plasterwork.

#### 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 our repair in accordance with given specification.
- (e) Recognise and accurately mark out the extent of damage to an area of two coat plasterwork.
- (f) Prepare background in accordance with given specification.
- (g) Select materials to match original work.
- (h) Carry out repair in accordance with given specification.

**Unit title:** Plastering: Drywall Materials and Internal Repairs

(SCQF level 6)

### 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 in Outcome 1 to the standard specified in the performance criteria. Learners will be required to demonstrate their knowledge of in preparing backgrounds, cutting and fixing plasterboard to horizontal and vertical surfaces, dot and dabbing, applying plasterboard coving and undertaking internal repairs to plasterboard and two coat lightweight plaster. The instrument of assessment will be a questions paper conducted under closed-book, controlled, supervised conditions.

Product evidence is required to demonstrate that the learner has achieved Outcome 2 to the standards specified in the performance criteria. Learners will be required to produce a fully annotated drawing of a beam section. Assessment will be conducted under controlled, supervised conditions.

Product and performance evidence is required to demonstrate that the learner has achieved Outcomes 3, 4, and 5 to the standards specified in the performance criteria. Learners will be required to demonstrate their ability to prepare backgrounds, cut and fix plasterboard to horizontal and vertical surfaces, apply plasterboard coving and undertake internal repairs. 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 and Personal Protective Equipment (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.

Unit title: Plastering: Drywall Materials and Internal Repairs

(SCQF level 6)

## Outcome 3

Fix plasterboard to walls, piers, ceilings and beams. Task 1

| Summary of standards (for learner information only) |   |  |  |
|---|---|--|--|
| Item  | Measurement of standard                         |  |  |
| Background structure cleaned and prepared           | Free from obstructions.                         |  |  |
| Background checked                                  | Supports to be checked for alignment and        |  |  |
| _   | spacing of centres.                             |  |  |
| Measuring and cutting of boards                     | Generally free from tears and breakages,        |  |  |
|   | accurately ± 6 mm.                              |  |  |
| Fixings — nails/screws                              | At even centres 300 mm ± 20 mm.                 |  |  |
| Joints  | Gaps between 3 to 5 mm.                         |  |  |
| Board surfaces                                      | In line, flush with correct paper side to face. |  |  |
| Pier face   | Parallel with main wall ± 6 mm.                 |  |  |
| Pier return   | Square and plumb ± 6 mm.                        |  |  |
| Beam face   | Parallel with main wall ± 6 mm.                 |  |  |
| Beam soffit   | Square and plumb ± 6 mm.                        |  |  |
| Wastage   | Kept to a minimum.                              |  |  |
| Working area  | Clean at all times.                             |  |  |
| Health and safety                                   | Complies at all times.                          |  |  |
| Risk assessment                                     | Worn at all times                               |  |  |
| Safety boots  | Worn at all times                               |  |  |
| Hard hat  | Worn at all times                               |  |  |
| High visibility vest                                | Worn at all times                               |  |  |
| Gloves  | Worn at all times                               |  |  |
| Safety glasses                                      | Worn at all times                               |  |  |
| Method statement                                    |   |  |  |
| Working area  | Kept clean and tidy                             |  |  |
| Materials   | Stacked safely                                  |  |  |
| Tools during work                                   | Handled correctly                               |  |  |
| Tools after work                                    | Cleaned and stored correctly                    |  |  |
| Sustainability                                      |   |  |  |
| Waste   | Kept to a minimum                               |  |  |
| Recycling   | Whenever possible                               |  |  |
| Waste disposal                                      | Disposed of correctly                           |  |  |

Unit title: Plastering: Drywall Materials and Internal Repairs

(SCQF level 6)

### Outcome 3

Fix plasterboard to walls, piers, ceilings and beams. **Test 1**, wall area min 4 m², ceiling area 3 m²

| Summary of standards (for learner information only) |  |  |  |
|---|--|--|--|
| Item  | Measurement of standard                                      |  |  |
| Background structure cleaned and prepared           | Free from obstructions.                                      |  |  |
| Background checked                                  | Supports to be checked for alignment and spacing of centres. |  |  |
| Measuring and cutting of boards                     | Generally free from tears and breakages, accurately ± 5 mm.  |  |  |
| Fixings — nails/screws                              | At even centres 300 mm ± 10 mm.                              |  |  |
| Joints  | Gaps between 3 to 5 mm.                                      |  |  |
| Board surfaces                                      | In line, flush with correct paper side to face.              |  |  |
| Pier face   | Parallel with main wall ± 5 mm.                              |  |  |
| Pier return   | Square and plumb ± 5 mm.                                     |  |  |
| Beam face   | Parallel with main wall ± 5 mm.                              |  |  |
| Beam soffit   | Square and plumb ± 5 mm.                                     |  |  |
| Wastage   | Kept to a minimum.   |  |  |
| Working area  | Clean at all times.  |  |  |
| Health and safety                                   | Complies at all times.                                       |  |  |
| Risk assessment                                     | Worn at all times  |  |  |
| Safety boots  | Worn at all times  |  |  |
| Hard hat  | Worn at all times  |  |  |
| High visibility vest                                | Worn at all times  |  |  |
| Gloves  | Worn at all times  |  |  |
| Safety glasses                                      | Worn at all times  |  |  |
| Method statement                                    |  |  |  |
| Working area  | Kept clean and tidy  |  |  |
| Materials   | Stacked safely   |  |  |
| Tools during work                                   | Handled correctly  |  |  |
| Tools after work                                    | Cleaned and stored correctly                                 |  |  |
| Sustainability                                      |  |  |  |
| Waste   | Kept to a minimum  |  |  |
| Recycling   | Whenever possible  |  |  |
| Waste disposal                                      | Disposed of correctly  |  |  |

Unit title: Plastering: Drywall Materials and Internal Repairs

(SCQF level 6)

## Outcome 4

Dot and dab plasterboard to solid backgrounds with opening. Task 2

| Summary of standards (for learner information only) |   |  |  |
|---|---|--|--|
| Item  | Measurement of standard                                     |  |  |
| Background structure cleaned and prepared           | Free from obstructions and checked for alignment.           |  |  |
| Measuring and cutting of boards                     | Generally free from tears and breakages, accurately ± 5 mm. |  |  |
| Plaster dabs  | At even centres — maximum spacing 600 mm.                   |  |  |
| Fire stops  | Fully bedded with no gaps.                                  |  |  |
| Joints  | Gaps between 2 to 5 mm.                                     |  |  |
| Board surfaces                                      | In line, flat, straight and plumb ± 5 mm.                   |  |  |
| Opening Ingo's                                      | Parallel, Square, plumb and flat ± 5 mm.                    |  |  |
| Opening soffit                                      | Square and level ± 5 mm.                                    |  |  |
| Opening edges                                       | Gaps between 2 to 5 mm.                                     |  |  |
| Wastage   | Kept to a minimum.  |  |  |
| Working area  | Clean at all times.   |  |  |
| Health and safety                                   | Complies at all times.                                      |  |  |
| Risk assessment                                     | Worn at all times   |  |  |
| Safety boots  | Worn at all times   |  |  |
| Hard hat  | Worn at all times   |  |  |
| High visibility vest                                | Worn at all times   |  |  |
| Gloves  | Worn at all times   |  |  |
| Safety glasses                                      | Worn at all times   |  |  |
| Method statement                                    |   |  |  |
| Working area  | Kept clean and tidy   |  |  |
| Materials   | Stacked safely  |  |  |
| Tools during work                                   | Handled correctly   |  |  |
| Tools after work                                    | Cleaned and stored correctly                                |  |  |
| Sustainability                                      |   |  |  |
| Waste   | Kept to a minimum   |  |  |
| Recycling   | Whenever possible   |  |  |
| Waste disposal                                      | Disposed of correctly                                       |  |  |

Unit title: Plastering: Drywall Materials and Internal Repairs

(SCQF level 6)

### Outcome 4

Fix plasterboard coving. Task 3

| Summary of standards (for learner information only) |   |  |  |
|---|---|--|--|
| tem Measurement of standard                         |   |  |  |
| Background structure cleaned and prepared           | Free from obstructions.                     |  |  |
| Setting out   | Accurately to wall/ceiling lines ± 3 mm.    |  |  |
| Measuring and cutting of coving                     | Generally free from tears and breakages,    |  |  |
|   | accurately ± 4 mm.                          |  |  |
| Joints  | Gaps not to exceed 5 mm.                    |  |  |
| Bedding material                                    | Mixed to manufacturer's specification,      |  |  |
| -   | uniform consistency, free from lumps/dry    |  |  |
|   | materials.                                  |  |  |
| Bedding to coving                                   | Uniform with no misses.                     |  |  |
| Positioning of coving                               | Accurately to setting-outlines ±3 mm.       |  |  |
| Jointing/stopping                                   | Intersections, joints and members free from |  |  |
|   | gathering and sinkings.                     |  |  |
| Finished face                                       | Free from blemishes in line and straight    |  |  |
|   | maximum deviation not exceeding ± 3 mm at   |  |  |
|   | any one point.                              |  |  |
| Mitres  | To be in line with detail matching.         |  |  |
| Straight cut  | Accurately ± 4 mm.                          |  |  |
| Wastage   | Kept to a minimum.                          |  |  |
| Working area  | Clean at all times.                         |  |  |
| Health and safety                                   | Complies at all times.                      |  |  |
| Risk assessment                                     | Worn at all times                           |  |  |
| Safety boots  | Worn at all times                           |  |  |
| Hard hat  | Worn at all times                           |  |  |
| High visibility vest                                | Worn at all times                           |  |  |
| Gloves  | Worn at all times                           |  |  |
| Safety glasses                                      | Worn at all times                           |  |  |
| Method statement                                    |   |  |  |
| Working area  | Kept clean and tidy                         |  |  |
| Materials   | Stacked safely                              |  |  |
| Tools during work                                   | Handled correctly                           |  |  |
| Tools after work                                    | Cleaned and stored correctly                |  |  |
| Sustainability                                      |   |  |  |
| Waste   | Kept to a minimum                           |  |  |
| Recycling   | Whenever possible                           |  |  |
| Waste disposal                                      | Disposed of correctly                       |  |  |

Unit title: Plastering: Drywall Materials and Internal Repairs

(SCQF level 6)

## Outcome 5

Prepare and repair plasterboard. Task 4 min 0.5 m<sup>2</sup>

| Summary of standards(working towards industrial tolerances) |   |  |  |
|---|---|--|--|
| Item  | Measurement of Standard   |  |  |
| Identify and mark out area for repair: Plasterboard         | The extent of the damaged plasterboard is recognised. The area of plasterboard is |  |  |
|   | accurately marked out.  |  |  |
| 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.  |  |  |
| Wastage   | Kept to a minimum.  |  |  |
| Working area  | Clean at all times.   |  |  |
| Health and safety   | Complies at all times.  |  |  |
| Risk assessment   | Worn at all times   |  |  |
| Safety boots  | Worn at all times   |  |  |
| Hard hat  | Worn at all times   |  |  |
| High visibility vest  | Worn at all times   |  |  |
| Gloves  | Worn at all times   |  |  |
| Safety glasses  | Worn at all times   |  |  |
| Method statement  |   |  |  |
| Working area  | Kept clean and tidy   |  |  |
| Materials   | Stacked safely  |  |  |
| Tools during work   | Handled correctly   |  |  |
| Tools after work  | Cleaned and stored correctly  |  |  |
| Sustainability  |   |  |  |
| Waste   | Kept to a minimum   |  |  |
| Recycling   | Whenever possible   |  |  |
| Waste disposal  | Disposed of correctly   |  |  |

Unit title: Plastering: Drywall Materials and Internal Repairs

(SCQF level 6)

## Outcome 5

Prepare and repair plasterboard. Test 2, min 0.5 m<sup>2</sup>

| Summary of standards(working towards industrial tolerances) |   |  |  |
|---|---|--|--|
| Item  | Measurement of Standard   |  |  |
| Identify and mark out area for repair: Plasterboard         | The extent of the damaged plasterboard is recognised. The area of plasterboard is |  |  |
| Darlaman danagan Gara                                       | accurately marked out.  |  |  |
| 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.  |  |  |
| Wastage   | Kept to a minimum.  |  |  |
| Working area  | Clean at all times.   |  |  |
| Health and safety   | Complies at all times.  |  |  |
| Risk assessment   | Worn at all times   |  |  |
| Safety boots  | Worn at all times   |  |  |
| Hard hat  | Worn at all times   |  |  |
| High visibility vest  | Worn at all times   |  |  |
| Gloves  | Worn at all times   |  |  |
| Safety glasses  | Worn at all times   |  |  |
| Method statement  |   |  |  |
| Working area  | Kept clean and tidy   |  |  |
| Materials   | Stacked safely  |  |  |
| Tools during work   | Handled correctly   |  |  |
| Tools after work  | Cleaned and stored correctly  |  |  |
| Sustainability  |   |  |  |
| Waste   | Kept to a minimum   |  |  |
| Recycling   | Whenever possible   |  |  |
| Waste disposal  | Disposed of correctly   |  |  |

Unit title: Plastering: Drywall Materials and Internal Repairs

(SCQF level 6)

## Outcome 5

Prepare and repair two coat plasterwork. Task 5

| Summary of standards(working towards industrial tolerances) |  |  |  |
|---|--|--|--|
| Item  | Measurement of Standard                        |  |  |
| Identify and mark out area for repair: Two                  | The extent of the damaged two coat             |  |  |
| coat plasterwork  | plasterwork is recognised. The area of         |  |  |
|   | damaged two coat work is accurately marked     |  |  |
|   | out.   |  |  |
| 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.           |  |  |
| Wastage   | Kept to a minimum.                             |  |  |
| Working area  | Clean at all times.                            |  |  |
| Health and safety   | Complies at all times.                         |  |  |
| Risk assessment   | Worn at all times                              |  |  |
| Safety boots  | Worn at all times                              |  |  |
| Hard hat  | Worn at all times                              |  |  |
| High visibility vest  | Worn at all times                              |  |  |
| Gloves  | Worn at all times                              |  |  |
| Safety glasses  | Worn at all times                              |  |  |
| Method statement  |  |  |  |
| Working area  | Kept clean and tidy                            |  |  |
| Materials   | Stacked safely                                 |  |  |
| Tools during work   | Handled correctly                              |  |  |
| Tools after work  | Cleaned and stored correctly                   |  |  |
| Sustainability  |  |  |  |
| Waste   | Kept to a minimum                              |  |  |
| Recycling   | Whenever possible                              |  |  |
| Waste disposal  | Disposed of correctly                          |  |  |

**Unit title:** Plastering: Drywall Materials and Internal Repairs

(SCQF level 6)

## Outcome 5

Prepare and repair two coat plasterwork. Test 3

| Summary of standards(working towards industrial tolerances) |  |  |  |
|---|--|--|--|
| Item  | Measurement of Standard                        |  |  |
| Identify and mark out area for repair: Two                  | The extent of the damaged two coat             |  |  |
| coat plasterwork  | plasterwork is recognised. The area of         |  |  |
|   | damaged two coat work is accurately marked     |  |  |
|   | out.   |  |  |
| 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.           |  |  |
| Wastage   | Kept to a minimum.                             |  |  |
| Working area  | Clean at all times.                            |  |  |
| Health and safety   | Complies at all times.                         |  |  |
| Risk assessment   | Worn at all times                              |  |  |
| Safety boots  | Worn at all times                              |  |  |
| Hard hat  | Worn at all times                              |  |  |
| High visibility vest  | Worn at all times                              |  |  |
| Gloves  | Worn at all times                              |  |  |
| Safety glasses  | Worn at all times                              |  |  |
| Method statement  |  |  |  |
| Working area  | Kept clean and tidy                            |  |  |
| Materials   | Stacked safely                                 |  |  |
| Tools during work   | Handled correctly                              |  |  |
| Tools after work  | Cleaned and stored correctly                   |  |  |
| Sustainability  |  |  |  |
| Waste   | Kept to a minimum                              |  |  |
| Recycling   | Whenever possible                              |  |  |
| Waste disposal  | Disposed of correctly                          |  |  |



## **National Unit Support Notes**

Unit title: Plastering: Drywall Materials and Internal Repairs

(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 is designed to provide learners with the knowledge and skills in preparing backgrounds, cutting and fixing plasterboard to horizontal and vertical surfaces, applying plasterboard coving and undertaking internal repairs.

The knowledge elements of this unit will cover the following:

- Background preparation
- ♦ Types of plasterboards and their uses
- Plasterboard properties
- Spacing and staggering boards
- Cutting and fixing plasterboard
- Dot and dabbing
- Plastering materials used with plasterboard (plasters trims/beads)
- Plasterboard coving (mitres and fixing)
- Internal repairs to plasterboard materials
- Internal repairs to lightweight plasters and mortars
- Repairs to metal trims/beads
- Faults and repairs
- Safe handling of tools and materials
- Calculations (addition, subtraction, multiplication, area, perimeter)
- Workshop health and safety (general health and safety and PPE)
- IT at SCQF level 3

The practical section of this unit will cover the following:

- Background preparation
- Cutting and fixing plasterboard (walls, piers, beams, and ceilings)
- Spacing and staggering boards
- Dot and dabbing (walls and openings)
- Fixing/mitring plasterboard coving
- Internal repairs to plasterboard
- Internal repairs to lightweight plasters

## **National Unit Support Notes (cont)**

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

- Safe handling of tools and materials (handling and lifting techniques)
- ♦ Knowledge of standards/tolerances (training and assessment programme)
- 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.

## 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, cutting and fixing plasterboard to horizontal and vertical surfaces, applying plasterboard coving and undertaking internal repairs. The learner should follow demonstrations which should be supported by classroom notes and group discussions and by the use of Information and Communication Technology (ICT). 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 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 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.

## **National Unit Support Notes (cont)**

Unit title: Plastering: Drywall Materials and Internal Repairs

(SCQF level 6)

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 and components related to fixing plasterboard and coving will be assessed through a question paper.

Learners will be required to produce an annotated drawing to meet the requirements of Outcome 2.

Learners should be given as much practise as possible in using drywall materials and internal repairs prior to being set the assessment. Evidence will be gathered for Outcomes 3, 4 and 5 through observation of work processes and assessment of the completed work pieces 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

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 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, 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.

# **National Unit Support Notes (cont)**

Unit title: Plastering: Drywall Materials and Internal Repairs

(SCQF level 6)

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 tasks, knowledge part of the assessment for Outcome 1. As learners, complete practical 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     |
|---------|---|----------|
| 02      | Core Skills components Using Number at SCQF level 4 and Critical Thinking at SCQF level 4 embedded. | 01/06/17 |
|         |   |          |
|         |   |          |
|         |   |          |
|         |   |          |
|         |   |          |
|         |   |          |
|         |   |          |

### © Scottish Qualifications Authority 2017

This publication may be reproduced in whole or in part for educational purposes provided that no profit is derived from reproduction and that, if reproduced in part, the source is acknowledged.

Additional copies of this unit specification can be purchased from the Scottish Qualifications Authority. Please contact the Business Development and Customer Support team, telephone 0303 333 0330.

#### **General information for learners**

Unit title: Plastering: Drywall Materials and Internal Repairs

(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 successful completion of this unit will provide individuals with the knowledge and skills in preparing backgrounds, cutting and fixing plasterboard to horizontal and vertical surfaces, applying plasterboard coving and undertaking internal repairs.

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 plasterwork which in turn will further develop your skills and knowledge.

The unit covers the following areas:

- Background preparation
- ♦ Types of plasterboards and their uses
- Plasterboard properties
- Spacing and staggering boards
- Cutting and fixing plasterboard
- Dot and dabbing
- Plastering materials used with plasterboard (plasters trims/beads)
- Plasterboard coving (mitres and fixing)
- Internal repairs to plasterboard materials
- Internal repairs to lightweight plasters and mortars
- Repairs to metal trims/beads
- Faults and repairs
- Safe handling of tools and materials
- ◆ Calculations (addition, subtraction, multiplication, area, perimeter)
- Workshop health and safety (general health and safety and PPE)
- ♦ IT at SCQF level 3

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.

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 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: Drywall Materials and Internal Repairs

(SCQF level 6)

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, 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.

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 tasks, knowledge part of the assessment for Outcome 1. As you complete practical you will 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 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.