

National Unit Specification: general information

UNIT Preparing and Painting Surfaces (Intermediate 1)

CODE F1K7 10

SUMMARY

This Unit is suitable for candidates who have little or no knowledge of the painting and decorating industry. The Unit will develop candidates in the craft skills of painting and decorating, with particular emphasis on preparation techniques. Candidates who complete this Unit will achieve knowledge of surface identification, preparation and application of paint and appropriate use of tools. Through this candidates can feel confident progressing further in the Construction Craft Industry

OUTCOMES

- 1 Identify and prepare surfaces for decorating.
- 2 Select, prepare and apply paints to surfaces.
- 3 Select, use and maintain hand tools and equipment used in painting and decorating.
- 4 Demonstrate knowledge of working in a safe environment with an understanding of personal safety and hygiene.

RECOMMENDED ENTRY

Whilst entry is at the discretion of the centre, it would be beneficial for the candidate to have attained one of the following or equivalent:

- ◆ an aptitude for craft skills
- ◆ Skills for Work Construction Crafts (Intermediate 1)

A basic knowledge of paint application techniques, occupational standards, craft practices and various associated tools used in surface preparation would be beneficial. The candidate should be familiar with working with various types of woods, plaster surfaces and board materials.

Administrative Information

Superclass: TG

Publication date: August 2008

Source: Scottish Qualifications Authority

Version: 02

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National Unit Specification: general information (cont)

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CREDIT VALUE

0.5 credit at Intermediate 1 (3 SCQF points at SCQF level 4*)

**SCQF credit points are used to allocate credit to qualifications in the Scottish Credit and Qualifications Framework (SCQF). Each qualification in the Framework is allocated a number of SCQF credit points at an SCQF level. There are 12 SCQF levels, ranging from Access 1 to Doctorates.*

CORE SKILLS

There are opportunities to develop the Core Skills of Problem Solving, Working with Others, Information Technology and Communication at SCQF level 4 in this Unit, although there is no automatic certification of Core Skills or Core Skills components.

National Unit Specification: statement of standards

UNIT Preparing and Painting Surfaces (Intermediate 1)

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 the Scottish Qualifications Authority.

OUTCOME 1

Identify and prepare surfaces for decorating.

Performance Criteria

- (a) Substrates and surfaces are correctly identified.
- (b) Preparation techniques, tools and materials are selected, used and applied correctly.
- (c) Surfaces are prepared to a prescribed standard for subsequent painting.
- (d) Work methods and activities comply fully with current health and safety regulations.

OUTCOME 2

Select, prepare and apply paints to surfaces.

Performance Criteria

- (a) Paints are correctly selected.
- (b) Paints are properly decanted and prepared for use.
- (c) Paints are applied correctly in accordance with occupational standards.
- (d) Surrounding surfaces and areas are maintained in a clean condition.
- (e) Work methods and activities comply fully with current health and safety regulations.

OUTCOME 3

Select, use and maintain hand tools and equipment used in painting and decorating.

Performance Criteria

- (a) Tools and equipment are correctly selected for the specific task and used in the appropriate manner.
- (b) Tools and equipment are used to produce the required finish.
- (c) Tools and equipment are properly maintained and stored after use.
- (d) Work methods and activities comply fully with current health and safety regulations.

National Unit Specification: statement of standards (cont)

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OUTCOME 4

Demonstrate knowledge of working in a safe environment with an understanding of personal safety and hygiene.

Performance Criteria

- (a) Safe working areas are created with sufficient ventilation and protection of surrounding surfaces.
- (b) Proper and adequate means of access is used for any work above floor level.
- (c) All debris created as a result of any task is removed and disposed of in a safe manner.
- (d) Work methods and activities comply fully with current health and safety regulations.

EVIDENCE REQUIREMENTS FOR THIS UNIT

Evidence is required to demonstrate that candidates have achieved all Outcomes and Performance Criteria.

Written and/or oral evidence is required which demonstrates that the candidate has achieved the knowledge part of Outcome 1 to the standard specified in the Outcome and Performance Criteria. The evidence for this should be obtained by identifying the candidate's knowledge of surfaces, tools, materials and sequences which will be assessed under controlled, supervised conditions. The assessment will be closed-book and should last no more than 45 minutes.

Performance evidence supplemented with an assessor observation checklist/record should be used to show that the candidate has achieved the practical requirements of Outcomes 1, 2, 3 and 4 to the standard specified in the Outcomes and Performance Criteria. Each candidate will be observed to show that they can achieve the following throughout the delivery of the Unit:

- ◆ differentiate between surfaces, including:
 - softwood
 - medium density fibreboard (MDF)
 - plasterboard
 - plaster substrates
- ◆ prepare the above noted substrates for painting
- ◆ prepare previously painted surfaces for subsequent painting
- ◆ differentiate between water borne and solvent borne paints used for painting
 - timber
 - board
 - plaster
- ◆ prepare, mixing and applying the range of coatings above using a variety of tools(surface area should not exceed 1m² for each of the required coatings)
- ◆ Select, use and care for the correct tools and equipment for specified tasks
- ◆ work in a safe, clean environment
- ◆ ensure that safe means of access are used
- ◆ remove all dust and debris created as a result of any task, as soon as is reasonably practicable
- ◆ take adequate precautions to protect themselves and others when performing any task
- ◆ maintain clean and safe working conditions

National Unit Specification: statement of standards (cont)

UNIT Preparing and Painting Surfaces (Intermediate 1)

Assessment of this Unit should be completed over a period of time and evidence should be gathered at appropriate intervals.

The Assessment Support Pack for this Unit provides sample assessment material. Centres wishing to develop their own assessments should refer to the Assessment Support Pack to ensure a comparable standard.

National Unit Specification: support notes

UNIT Preparing and Painting Surfaces (Intermediate 1)

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 20 hours.

GUIDANCE ON THE CONTENT AND CONTEXT FOR THIS UNIT

This Unit has been developed as an optional Unit in the National Progression Award in Construction and can also be delivered as a freestanding Unit.

The content and context of this Unit is aimed at candidates who are interested in pursuing a career in painting and decorating. Candidates will be required to gain an understanding of the correct terminology and sequences of preparation of decorating and will gain practical experience of these preparation techniques. There is an emphasis in developing the basic skills normally taught to an apprentice at the very early stage of time-serving. It is imperative that there is firm guidance on the continued development of safe working practices at this stage of the award.

The candidate successfully completing this Unit will require underpinning knowledge and skills relating to the recognition and preparation of timber, board and plaster related surfaces; the methods and materials used for applying paints to these surfaces.

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

GUIDANCE ON LEARNING AND TEACHING APPROACHES FOR THIS UNIT

The learning environment for this Unit will mainly be workshop/work environment based. The knowledge element of this Unit would be taught in a classroom environment and put into practice in the workshop in conjunction with practical Outcomes.

Centres are required to demonstrate practical activities to candidates in the first instance. The candidate is to be encouraged to further develop the hand skills and training of the eye for sighting purposes at this stage of the award. The use of the terms for preparing and painting surfaces should be integrated to the teaching of the practical work involved for this Unit. Candidates should be encouraged to become familiar with the various terms by using them as appropriate.

National Unit Specification: support notes (cont'd)

UNIT Preparing and Painting Surfaces (Intermediate 1)

OPPORTUNITIES FOR CORE SKILL DEVELOPMENT

The elements of the Core Skill of Problem Solving, such as planning and organising and critical thinking will be developed and enhanced as candidates undertake this Unit. Candidates will need to take account of a range of factors in order to work efficiently and safely, such as the choice of safe methods of decanting, mixing and applying paint. Complying at all times with health and safety requirements will enable candidates to develop co-operative working skills, as they must be aware of the safety of others as well as themselves. Individual discussions with assessors will enhance the evaluation of efficient working practices.

There are opportunities to research information about Health and Safety legislation enabling candidates to develop the Core Skill of Information Technology.

Although Communication skills are not formally assessed, candidates will have the opportunity to develop written and/or oral communication skills for the knowledge part of the teaching and learning assessment for Outcome 1. As candidates complete practical tasks, they should be expected to communicate with others using the correct terminology, tone and style suited to the workplace.

GUIDANCE ON APPROACHES TO ASSESSMENT FOR THIS UNIT

Centres may use the Instruments of Assessment which they consider to be most appropriate but are encouraged to use the Assessment Support Pack (ASP) developed centrally by SQA.

It is expected that candidates will be given as much practise as possible in painting techniques, prior to being set the assessment tasks.

Outcome 1

The candidate's knowledge and understanding of surfaces, tools, materials and sequences will be assessed through a set of multiple choice questions covering part of Outcome 1. This assessment should be conducted under controlled, supervised condition. Assessment should show that the candidate has achieved the relevant Performance Criteria and reassessment of any area of this Outcome can be conducted through an oral question/answer session.

Outcome 1, 2, 3 and 4

An assessor observation checklist/record can be used to record evidence of the candidate's ability to prepare and pain different surfaces.

The candidate will be provided with all of the tools, materials and equipment to complete the practical tasks as well as specifications for the work to be completed. Candidates will be assessed in line with occupational standards.

Candidates will also be assessed on their compliance of health and safety legislations in the Construction Industry including the correct use of PPE, safe working practices, manual handling methods and the correct and safe use of tools.

National Unit Specification: support notes (cont'd)

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The ASP includes a bank of questions which may be used to form the assessment of Outcome 1 and assessor observation checklist/records for Outcomes 1, 2, 3 and 4.

CANDIDATES WITH DISABILITIES AND/OR ADDITIONAL SUPPORT NEEDS

The additional support needs of individual candidates should be taken into account when planning learning experiences, selecting assessment instruments, or considering alternative Outcomes for Units. Further advice can be found in the SQA document *Guidance on Assessment Arrangements for Candidates with Disabilities and/or Additional Support Needs* (www.sqa.org.uk).