



QCF Unit and Assessment Specification

Unit title	Produce Replica Quality Grained and Marble Finishes
Ofqual Unit code	M/503/7483
SQA Unit code	H0NC 57

History of changes

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QCF Unit specification

Title	Produce Replica Quality Grained and Marble Finishes	
Level	3	
Credit value	8	
Learning Outcomes	Assessment Criteria	
The learner will:	The learner can:	
1 Know the requirements for producing basic brush graining and marbling effects.	1.1 Interpret the drawings, specification and current regulations for the task.	
	1.2 Identify the materials required for the specified task, including water-borne and solvent-borne proprietary scumbles and scumble glazes, paints, strainers, solvents, pigments, glaze/varnish, driers.	
	1.3 List the tools and equipment required for the specified task.	
	1.4 Describe the characteristics and qualities of the materials selected for the specified task.	
	1.5 Identify the limitations and potential defects of the materials selected for the specified task.	
	1.6 Identify potential risks with the specified materials, and how these are overcome.	
	1.7 Identify the personal, protective equipment (PPE) for the task, in accordance with the specification.	
2 Know how to prepare for producing basic brush graining and marbling effects.	2.1 Assess access requirements for the specified task.	
	2.2 Explain how to check the suitability of pre-prepared surfaces for the specified task.	
	2.3 List the steps to take in the preparation of surfaces to bring to appropriate finish and ground colour.	
	2.4 Explain how to prepare brushes and specialised tools and equipment.	

Learning Outcomes The learner will:	Assessment Criteria The learner can:
	<p>2.5 Explain how to minimise damage to the work and surrounding area, including the use of protective sheeting and masking materials.</p> <p>2.6 Explain how to store and maintain materials and equipment.</p> <p>2.7 State procedures for workplace safety and dealing with problems, accidents and emergencies.</p>
<p>3 Produce basic brush graining and marbling effects.</p>	<p>3.1 Assess the effect atmospheric conditions are likely to have on the specified task.</p> <p>3.2 Bring up the specified surface to the required finish/ground.</p> <p>3.3 Mix water-borne and solvent-borne scumble products according to the specification.</p> <p>3.4 Apply finishes to panelling, broad areas, linear/trim areas and architectural features as specified.</p> <p>3.5 Use appropriate techniques to drag, stipple, soften, overgrain, flog, comb and feather finishes.</p> <p>3.6 Apply protective glaze/varnish to grained/marbled work.</p> <p>3.7 Adhere to statutory requirements.</p> <p>3.8 Dispose of waste in accordance with legislative requirements.</p>

Additional information about the Unit	
Unit purpose and aim(s)	This Unit provides an introduction to the key principles and techniques of creating replica quality graining and marbling effects in a construction training environment. It will develop the learner's Knowledge and Understanding of paint and scumble products used, as well as practical skills in mixing and applying those products to a range of surfaces. Adherence to regulatory and legislative safety requirements will be ensured at all times, and learners will learn how to use tools and equipment safely.
Unit expiry date	31 July 2016
Details of the relationship between the Unit and relevant national occupational standards (if appropriate)	VR345 — Produce Replica Quality Grained and Marbled Finishes
Details of the relationship between the Unit and other standards or curricula (if appropriate)	
Assessment requirements specified by a sector or regulatory body (if appropriate)	<p>Assessment of learners' Knowledge and Understanding will be undertaken through practical assignments and questioning based activities undertaken in the training environment.</p> <p>For the full training specification refer to the relevant SQA Training and Assessment Programme for this Unit.</p>
Endorsement of the Unit by a sector or other appropriate body (if required)	ConstructionSkills
Location of the Unit within the subject/sector classification system	5.2 Building and Construction
Name of the organisation submitting the Unit	SQA
Availability for use	Shared
Availability for delivery	01 March 2012

Guided Learning Hours	80
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QCF Assessment Specification

Assessment (evidence) Requirements

Learners are required to produce evidence to confirm that they have achieved all Learning Outcomes and Assessment Criteria outlined in this Unit. Learner training and assessment should take place in as realistic an environment as possible to that of a live working site.

Performance evidence is required to demonstrate that the learner has achieved the standard specified in the Learning Outcomes and Assessment Criteria.

Performance evidence must be produced at an appropriate point in training under supervised conditions once the learner has developed the necessary skills and knowledge required to carry out the assessment. This performance evidence must be supplemented with a completed assessor observational/operational checklist.

Evidence should be demonstrated by the learner

- ◆ preparing high quality grounds and producing replica graining finishes and replica marbling effects, by a minimum of two distinct work stages, using water-borne and/or solvent-borne scumble to given working instructions for:

- Oak (any two)
 - quarter cut
 - heartwood
 - straight grain
- Mahogany (any two)
 - heartwood
 - straight grain
 - feather cut
- Marble (any two)
 - Carrara
 - Verte De Mer
 - Sienna

(Note: one of each timber and one marble type to be work-based evidence: evidence for the others can be from simulation.)

- ◆ carrying out work to:
 - broad and linear/trim areas, panelling and architectural details
- ◆ applying protective finish

As part of the assessment for this Unit, the learner will also produce evidence of a method statement and a completed risk assessment for a specified training activity. Oral or written evidence of Knowledge and Understanding may be demonstrated by the learner during practical assignments set for all Learning Outcomes and noted at the time by the training assessor.

Guidance on Methods/Instruments of Assessment

Centres may use the method of assessment which they consider to be most appropriate but are encouraged to use the Training Assessment Programme (TAP) developed centrally by SQA. It is expected that learners will have to demonstrate current Knowledge and Understanding of safe working practice and risk assessment methods, etc prior to being set the assessment tasks.

Opportunities for integrated assessment of this Unit may be possible with all mandatory Units.

Knowledge and Understanding of the processes involved in producing replica quality grained and marbled finishes should be assessed before any practical assignments are carried out by learners. This will include assessment of a learner's ability to prepare the work area for producing replica quality grained and marbled finishes.

Practical assignments should be carried out under supervised conditions and recorded in an assessor observation/operational checklist. Assessments should confirm that a learner has the ability to produce replica quality grained and marbled finishes using designated machinery or equipment correctly and safely, whilst adhering to current statutory Health and Safety regulations and legislation.

Adherence to current statutory working regulations and Health and Safety procedures will be observed during the practical exercise carried out by the learner towards all Learning Outcomes.

Opportunities for the use of 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 e-checklists. 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 Assessment (evidence) Requirements are met, regardless of the mode of gathering evidence. Further advice is available on the SQA Solar e-assessment system.