

T Level Technical Qualification in Construction

Painting and Decorating

Guide exemplification material

Threshold competence – Sample 2021

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Introduction

The sample assessment materials within this document refers to the painting and decorating sample occupational specialism assignment. The aim of these materials is to provide centres with examples of knowledge, skills and understanding that attest to minimal threshold competence. In this document all exemplar evidence attests as examples of minimal threshold competence. The examples provided do not reflect all evidence from the sample assignment as the focus of this material is the quality and standards that need to be achieved rather than the volume of exemplar evidence provided. However, the examples provided are representative of all tasks in the sample assignment. It is important to note that in live assessments a candidate's performance is very likely to exhibit a spikey profile and standard of performance will vary across tasks. Minimal threshold competence will be based on a synoptic mark across all tasks.

The materials in this GEM are separated into the sections as described below. Materials are presented against a number of tasks from the assignment.

Task – This section details the tasks that the candidate has been asked to carry out. What needs to be submitted for marking and any additional evidence required including any photograph/video evidence. Also referenced in this section are the assessment themes the candidates will be marked against when completing the tasks within it. In addition, candidate evidence that has been included or not been included in this GEM has been identified within this section.

In this GEM there is candidate evidence from:

Task 1

Task 2

Candidate evidence – This section includes a description of the task and how the task links to the relevant assessment themes. It may also include the candidates work, photographs/videos of the work in production (or completed) and practical observation records of the assessment completed by centre assessors. This will be actual evidence that was captured as part of the assessment and then internally marked by the centre assessor.

Commentary section - This section includes detailed comments to demonstrate how the candidate evidence attests to the standard of minimal threshold competence by directly correlating to the grade descriptors for this occupational area. Centres can compare the evidence against the performance indicators in the marking grid descriptors within the assessor packs, to provide guidance on the knowledge, skills and understanding that needs to be achieved for minimal threshold competence.

It is important to note that the commentary section is not part of the evidence or assessment but are evaluative statements on how and why that piece of evidence meets a particular standard.

Grade descriptors

To achieve a pass (threshold competence), a candidate will be able to:

Demonstrate an acceptable performance that meets the requirement of the brief, demonstrates the adequate technical skills in preparing a variety of surfaces, application techniques for paints and wallcoverings, and is able to enter the industry to begin to work in the occupational area.

They will be able to take measurements, interpret information, make calculations, demonstrate planning skills, assess risk, and follow safe working methods when applying practical skills to an acceptable standard as recognised by industry.

Demonstrate basic knowledge and understanding of the principles and processes required for Painting and Decorating.

They will work safely showing an understanding in the selection and use of tools and equipment, be able to design and present a decorative scheme which is adequate for the brief and demonstrate a basic awareness of straightforward preparation and application processes.

Attempt some complex tasks and the level of performance meets an acceptable level.

Identify routine causes of painting and decorating faults and have some knowledge and skill in how to rectify them.

Communicate with stakeholders building sound working relationships to support the planning and execution of a brief.

Mostly use industrial terminology accurately in both written and verbal contexts.

Task 1 – Plan and present for the application of surface coatings and wallcoverings

(Assessment themes: Health and Safety, Design and planning, Presentation)

For task 1 candidates need to produce the following pieces of evidence:

- Measurements of the site location/work area
- Calculations of area and the quantity of materials required
- A plan of work (method statement/sequence of work for the task) with justifications
- A materials list
- A risk assessment
- A scale drawing of proposed working area/living room, with a plan and 4 elevations.
- A colour design/decorative scheme 'mood board' of the living room, with detail of materials, samples of colour and swatches of wallpapers and indication of where these will be applied. Referencing to BS4800 colour chart for the colours chosen and to a recognised scheme
- Presentation of the colour design/decorative scheme "mood board" with rationale to the assessor, prior to the work commencing

For illustration, the guided exemplification materials (GEM) for Task 1 contain examples of candidate evidence for the following assessment requirements only:

- A plan of work (method statement/sequence of work for the task) with justifications
- A risk assessment
- A colour design/decorative scheme 'mood board' of proposed working area/living room
- Assessor observation of presentation of the colour design/decorative scheme "mood board" with rationale to the assessor, prior to the work commencing

The following task 1 candidate assessment requirements have not been included as example candidate evidence for this version of the guided exemplification materials.

- Assessor observation of measurements of the site location/work/calculations of area and the quantity of materials required
- A materials list
- A scale drawing of proposed working area/living room, with a plan and 4 elevations.

Candidate evidence

Task 1 – Method statement

Method statement showing exemplar for task 2 (sub tasks A – E)

Preparation of room

Follow risk assessment. Check correct PPE, ensure all tools, materials, and equipment are available for the tasks.

Decorate the ceiling

Prepare room for applying ceiling paper. Steps and planks set up to reach ceiling.

Hang non-matching blown vinyl wallpaper

Paint ceiling with matt emulsion

This should take no longer than 3 hours

Decorate the fireplace wall

Prepare room ready to receive cross lining. The walls are all in quite good order, however there are a few things that need filling. Once everything is filled, I just need to de nib my walls and size them. Then apply my cross lining. This should take no longer than 3 hours.

Hang a drop pattern paper to chimney breast and walls. Mark out and plumb ready for application of paper, measure out and cut paper lengths to size. Hang paper using scissors or snap blade to remove excess paper and to get clean cuts. Should take no longer than 4 hours.

Decorate two adjoining walls (B & C)

Prepare walls and to wall B apply 2 coats with matt emulsion colour to be selected.

Prepare wall C and apply 2 coats with eggshell paint, colour to be selected.

This task should take no longer than 3 hours.

Decorate the Woodwork

Prepare 4 panel door with wet or dry abrasive and apply solvent based undercoat (1coat) and gloss finish (1 coat).

De nib skirting boards and apply water-based undercoat and gloss to fire surround and all woodwork/skirting. Should take no longer than 3 hours

Decorate the fireplace

Application of Vert de Mer marble effect. De nib fireplace. Apply 2 coats of acrylic eggshell ground colour to the fire surround (colour to be selected). Apply Vert de Mer marble effect to the ground coats. Should take no longer than 3 hours. Once dry apply varnish, take no longer than 15 minutes.

Decorate the radiator

Protects surrounding areas ready for spraying. Set up HVLP equipment - check viscosity of paint. Apply 1 coat of white water-based eggshell. Should take no longer than 1 hour.

Finishing off:

On completion of all tasks make sure all tools, equipment was all clean. Working area is tidy and clean, and double-checking work before handing back to the customer.

Commentary

The method statement is clear and provides accurate detail on how to complete the given tasks to the correct standards. However, there are minor omissions in the method statement, for example, the candidate did not mention the protection of all work areas as part of the preparation, checking the accuracy of measurements of the room, or ensuring tools were in good working order before use. The task activities are shown in a logical order, demonstrating the candidate has a good understanding of sequencing. There is little or no reasoning or justification linking the method to the task in the method statement, i.e., why the viscosity of paint should be checked prior to application to the radiator.

Candidate evidence**Task 1 – Risk assessment**

Paperhanging			
Hazard	Risk	Control	Probability
Working at heights	Falling	Only work at a height for a short period of time, safety checks are completed prior to use.	Low
Manual Handling	Strains/sprains	Follow manual handling guidance	Low
Using a trimming knife	Cuts	Use correctly and close blade when not using, handle with care when changing blades.	Low
Paste on the floor	Slips and trips	Keeping a clean working area	Low
Marbling/painting			
Hazard	Risk	Control	Probability
Spilt paint	Slips and trips	Keep a clean working area	
Dust	Inhalation of dust	Wear a dust mask	Low
Spray paint application			
Hazard	Risk	Control	Probability
Breathing in paint or chemicals when spraying.	Inhaling chemicals and paint that could cause harm	Wearing a filtered respiratory mask and use LEV	Low

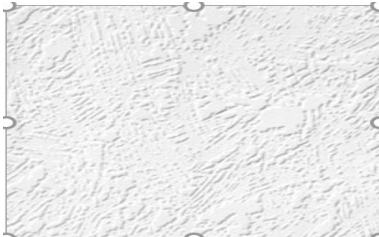



Dust when rubbing down	Inhalation of dust	Wearing a dust mask when preparing surfaces	Low
Cables	Tripping	Stick all electrical cables down with tape where possible	
Spilt paint	Slipping	Keep working area clean and tidy	Low




Commentary

The candidate demonstrates good technical knowledge of the types of risks and hazards associated with painting and decorating tasks, having identified the majority of hazards and associated risks for each of the required tasks. However, the candidate did not include risks associated with the use of dust sheets/covers. The candidate demonstrates some understanding of controls and mitigation required for the given tasks but some lack relevant detail, for example working at height does not detail appropriate access equipment as a control. The probability of each of the hazards/risks occurring has been attempted but with some minor omissions i.e., in cables and split paint hazards.

Candidate evidence

Task 1 - A colour design/decorative scheme 'mood board' of the living room

<p>Decorative Mood Board</p> <p>Scheme for the redecoration of the Living Room</p> <p>Mood board showing colours and materials to produce a decorative scheme</p> <p>Produced by A.N.Other June 2020</p>	
 <p>Ceiling paper painted with white vinyl matt emulsion</p>	 <p>Fireplace wallpaper</p>
 <p>Wall B painted with Green vinyl matt emulsion paint (12E 53)</p>	 <p>Wall C painted with Grey water based acrylic eggshell (10A 03)</p>

 <p>Fireplace back panel finished with Vert de Mer marble effect</p>	 <p>Door finish with white gloss paint</p>
<p>Rest of woodwork finished with white gloss paint</p>	

Commentary

The candidate demonstrates good technical understanding on how to produce a colour design/decorative scheme “mood board” and has provided good examples of materials, colour samples, swatches of wallpapers and indication of finishes to represent the scheme. However, there are minor omissions, for example, the candidate has not fully referenced BS4800 in the scheme, i.e., omissions on doors and surrounding woodwork detail. Whilst aesthetics had been considered in types of materials chosen, the candidate did not fully consider tone during their choice of colours and the effect this may have on the overall finish i.e., the use of contrasting wall colours alongside the wallpaper patterns.

Candidate evidence

Task 1 - Presentation of the colour design/decorative scheme “mood board”

Practical Observation Form

Assessment ID	Qualification number
8711-307	8711-37
Candidate name	Candidate number
Candidate A	CG12345
Centre name	Assessment theme
City & Guilds	Presentation

Complete the table below referring to the relevant marking grid, found in the assessment pack. Do not allocate marks at this stage.

Task	Notes – <i>detailed, accurate and differentiating notes which identify areas of strength and weakness are necessary to distinguish between different qualities of performance and to facilitate accurate allocation of marks once all evidence has been submitted.</i>
Presentation	<p>The candidate provided the “mood” board as part of the presentation.</p> <p>The candidate was fluid for much of the presentation, with one or two lapses and moments taken to regather thoughts. Initially eye contact and general interaction was lacking in the introductory statements, but this improved quickly with good interaction later.</p> <p>The candidate was able to provide an accurate description on the design of the scheme, with clear and sound justifications for their choices. However, there was an oversight in describing the reasoning/rationale for the choice of the contrasting colours for the walls.</p> <p>Terminology was correct when used although it was not used extensively in the presentation.</p>

Assessor signature	Date
Assessor A	15/12/2020

Commentary

The candidate demonstrates a good understanding on how to deliver a presentation with a fluid presentation and sound interaction and body language most of the time. However, there was some minor lapses of concentration during the introductory statement. The candidate demonstrates sound knowledge of design and materials, providing a sound description of the chosen colour scheme. However, there were some omissions in the rationale of choices primarily relating to the contrasting colour chosen for the walls. The specification requirements were met and the candidate used terminology and language correctly.

Task 2 – Apply specialist surface coatings and wallcoverings

(Assessment themes: Health and Safety, Preparation of surfaces and work area for applying specialist surface coatings, Application of specialist surface coatings, Inspect finish and rectify work for specialist surface coatings, Preparation of surfaces and work area for applying specialist wallcoverings, Application of specialist wallcoverings and Inspect finish and rectify work for specialist wallcoverings)

For task 2 candidates need to produce the following pieces of evidence:

Sub task A. Fireplace

- (i) A fireplace wall, including returns and recessed walls to be prepared with a foundation paper and hung with a patterned wallpaper that can be wiped clean
- (ii) A fireplace back panel prepared and then decorated in a replica “Vert de Mer” marble finish with suitable protection applied

Sub task B. Walls

- Decorate 2 adjoining walls (B and C)
- One wall prepared and painted with a matt emulsion paint
- One wall prepared and painted with an eggshell finish

Sub task C. Woodwork

- A 4 panel, full size door prepared, undercoated, and painted with a hardwearing finish
- Surrounding woodwork including fire surround prepared, undercoated, and painted with a hardwearing finish

Sub task D. Radiator

- A radiator prepared and finished in a water-based paint finish by HVLP spray application

Sub task E. Ceiling

- A ceiling prepared and hung with nonmatching blown vinyl embossed wallpaper
- A ceiling finished with matt emulsion paint

For illustration, the guided exemplification materials for Task 2 contain examples of candidate evidence for the following assessment requirements only:

- Assessor observations for Sub task A. Fireplace (i)
- Assessor observations for Sub task A. Fireplace (ii)
- Assessor observations for Sub task D. Radiator

The following task 2 candidate assessment requirements have not been included as example candidate evidence for this version of the guided exemplification materials.

- Sub task B. Walls
- Sub task C. Woodwork
- Sub task E. Ceiling

Sub task A (i) Fireplace

The guided exemplification materials (GEM) for sub task A (i) contain examples of candidate evidence for the following assessment requirements

- Assessor observation of finished wallpaper with detail on drop pattern noting:
 - application of lining paper
 - application of drop patterned wallpaper

Photographic/video evidence required:

- Photographic evidence of protection of surrounding areas - *Illustrated in Task 2A (i) photographic/video evidence section below (photographs 1-3)*
- Video evidence showing application of lining paper to fireplace wall with tolerance- *Illustrated in Task 2A (i) photographic/video evidence section below (video 1TC)*
- Photographic evidence showing completed lining paper – Photos to show minimum of two lengths- *Illustrated in Task 2A (i) photographic/video evidence section below (photographs 4-10)*
- Photographic evidence to show minimum three lengths of drop pattern paper cut and matched - *Illustrated in Task 2A (i) photographic/video evidence section below (photographs 11-14)*
- Photographic evidence of views of trimming to internal and external corner. Photos to secure accuracy of trim - *Illustrated in Task 2A (i) photographic/video evidence section below (photographs 15-18)*
- Video evidence showing application of drop patterned wallpaper to fireplace wall - *Illustrated in Task 2A (i) photographic/video evidence section below (video 2TC)*
- Photographic evidence of finished wallpaper with detail on drop pattern- *Illustrated in Task 2A (i) photographic/video evidence section below (photograph 19)*

Candidate evidence

Sub task 2 A (i)

Practical Observation Form

Assessment ID	Qualification number
8711-307	8711-37
Candidate name	Candidate number
Candidate A	CG12345
Centre name	Assessment theme
City & Guilds	Preparation of surfaces and work for applying specialist wallcoverings and Application of specialist wallcoverings

Complete the table below referring to the relevant marking grid, found in the assessment pack. Do not allocate marks at this stage.

Task	Notes – detailed, accurate and differentiating notes which identify areas of strength and weakness are necessary to distinguish between different qualities of performance and to facilitate accurate allocation of marks once all evidence has been submitted.
Fireplace	<p>Preparation</p> <p>Candidate sets up area correctly, selecting correct tools and with correct observance to the method statement and risk assessment. Prepares the working area with protective coverings uniformly, bar one small omission around the door opening.</p> <p>Candidate checks surfaces for blemishes and rectifies most before commencing lining paper application.</p> <p>Application</p> <p>Lining paper</p> <p>Candidate plans the sequence of hanging the lining paper as per their method statement. Measured and marked chalk line for first length and hung within correct tolerances. Measuring and pasting methods correctly applied. There were minor discrepancies due to slight overstretching of paper at a couple of points, but candidate rectified when dry, by abrading the minor overlaps before commencing the hanging of the finishing paper. A couple of dry edges were noted and again rectified by the candidate before carrying on.</p> <p>Drop patterned paper</p> <p>The candidate checked the rolls of paper - shading and checking same batch numbers. Planning process followed the method statement and general measuring, cutting, pasting, and hanging processes were carried out in line with tolerances. The candidate maintained plumb throughout and kept checking after cutting and turning corners. The pattern was centered and balanced, bar a slight miscalculation to the motif along edge of skirting wall and a minor gap at the bottom of one length. The candidate hung and kept wallcovering clean with only minor contamination of the face. Internal and external corners cut accurately bar minor errors with cutting around along ceiling edge. Again, a couple of dry edges but these were rectified by the candidate once detected.</p> <p>The task was completed to a good standard with some minor errors that have not affected the overall aesthetics.</p>

Task	Notes – detailed, accurate and differentiating notes which identify areas of strength and weakness are necessary to distinguish between different qualities of performance and to facilitate accurate allocation of marks once all evidence has been submitted.
	Area was generally clean and the candidate worked safely throughout. Overall good display of wallcovering techniques and tool use with a good quality finish representing the scheme requirements.

Assessor signature	Date
Assessor A	15/12/2020

Photographic/video evidence Sub task 2 A (i)

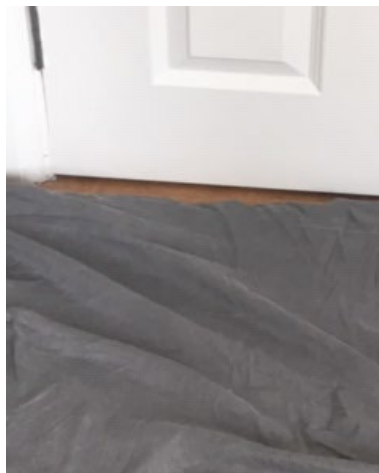
Photographic evidence of protection of surrounding areas

Photographs 1 – 3 showing work area set up/protection of surrounding area and correct tools selected for application of lining paper /patterned wallpaper to fireplace

Photograph 1

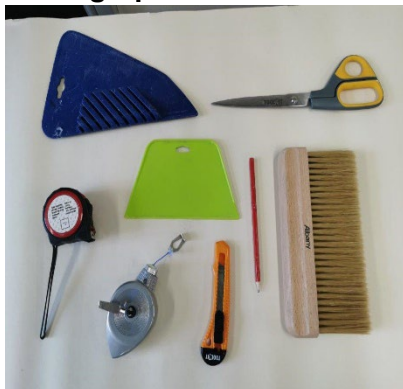


Photograph 2



Photograph 1 showing main living room area protected correctly (dustsheets used).
Photograph 2 showing small omission around door opening

Photograph 3



Photograph 3 showing correct tools selected and prepared for the application of lining paper to the fireplace wall

Placeholder: Video 1 TC showing application of lining paper to fireplace wall with tolerance

Photographs 4 - 10 showing completion of lining paper to fireplace

Photographs 4 – 5 showing measuring and sizing of first length of lining paper

Photograph 4



Photographs 4 - 5 showing correct technique used for marking out and measuring fireplace wall for first length of lining paper (measuring , sizing and marking out accurate).

Photograph 5



Photograph 6 and 7 showing pasting techniques

Photograph 6 pasting adhesive to surface



Photograph 6 shows paste applied directly to wall surface to ensure good adhesion

Photograph 7 shows candidate pasting first length of lining paper



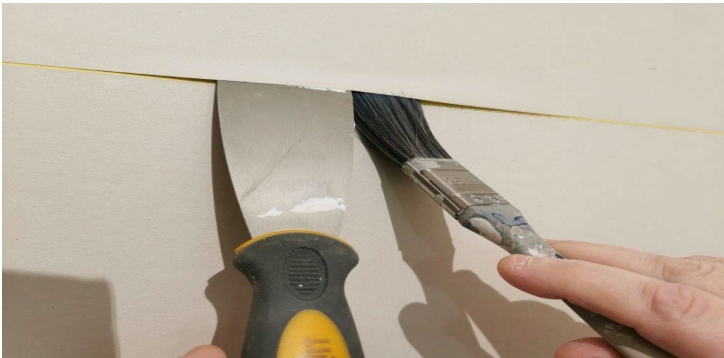
Photograph 7 shows paste applied to the lining paper correctly and evenly bar one small omission (miss in pasting) at end of the length.

Photograph 8 showing slight overhang of completed lining paper



Photograph 8 shows completed lining paper but as a result of a slight overhang, the candidate has had to rectify the error by abrading the overhang before commencing the patterned wallpaper.

Photograph 9 shows dry edge requiring rectification



Photograph 9 shows dry edge that the candidate rectifies by re-pasting prior to completion of lining paper.

Photograph 10 - showing completed lining paper on fireplace wall



Photograph 10 shows completed lining paper, front and side recesses to a good standard after candidate rectifications (as detailed in photographs 8 and 9).

Photographs 11 - 19 showing drop pattern wallpaper hung to fireplace wall

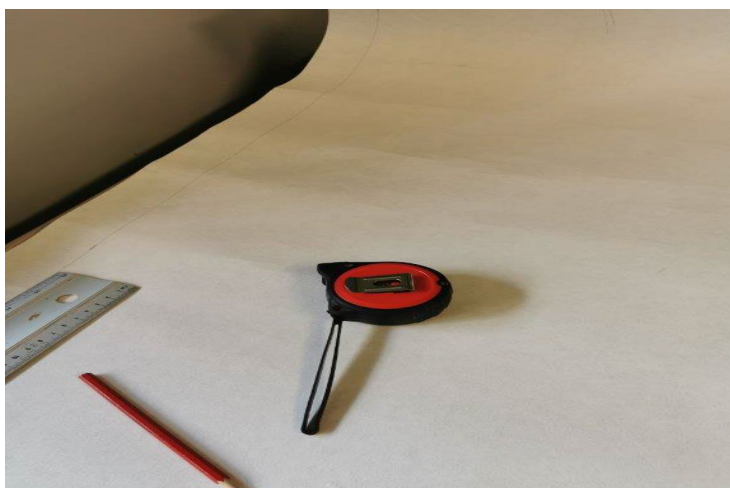
Photographs 11 - 14 showing drop pattern paper, measured, cut and matching taking place

Photograph 11



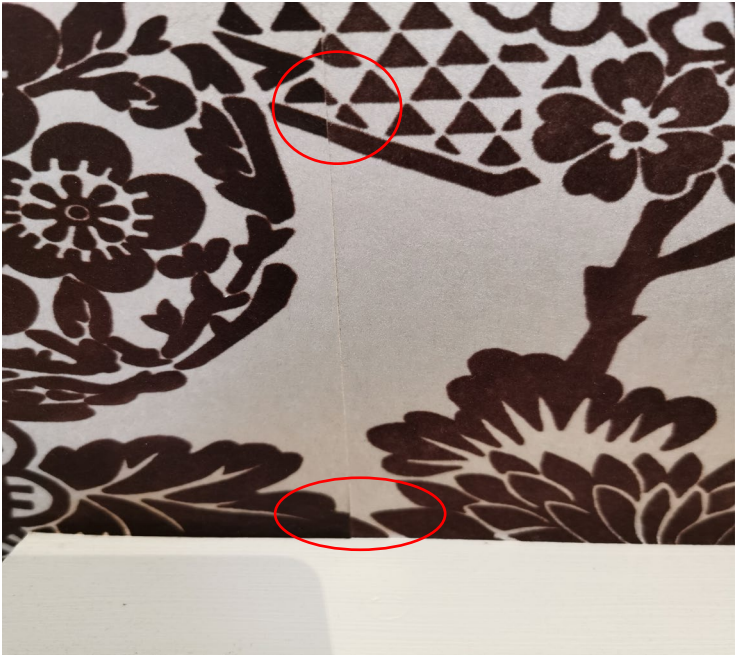
Photograph 11 shows batch numbers checked before commencing measurements, cuts, trim and matching.

Photograph 12



Photograph 12 shows candidate beginning measurements for cuts and trims to wallpaper

Photograph 13 showing matching/pattern misalignment on wall



Photograph 13 shows slight error in matching (minor misaligned motif) on fireplace wall – adjunct to skirting board

Photograph 14 showing slight gap in one length



Photograph 14 shows slight open joint (gap) at the bottom of one length

Photographs 15 - 18 showing views of trimming to internal and external corners

Photograph 15



Photograph 15 shows the correct setting out one internal angle

Photograph 16



Photograph 16 shows internal angle hung correctly before being trimmed

Photograph 17



Photograph 17 shows trimming taking place on internal angles

Photograph 18



Photograph 18 shows slight trim/cutting error at ceiling level (not even or flush across the length)

Placeholder: Video 2 TC evidence showing application of drop patterned wallpaper to fireplace wall.

Photographs 19 showing finished wallpaper with detail on drop pattern



Photograph 19 shows completed fireplace with drop pattern with slight errors/defects (as detailed in previous photographs). Overall aesthetics not affected by small errors and it is finished to a good standard in keeping with the design specification

Commentary

The candidate demonstrates a good understanding of the preparation required to complete the wallcovering task, correctly selecting the tools, equipment and resources and protection required prior to application, making only one small omission in protection. The candidate demonstrated good knowledge of techniques and methods applying the lining paper with only minor errors, including overlaps which were rectified prior to completion. The candidate demonstrated good skill when applying the drop patterned wallpaper, measuring, cutting and pasting accurately, bar a couple of minor misses in pasting and slight errors cutting around obstacles. Any dry edges were rectified prior to completion. The pattern was generally balanced and centred bar one small omission and imbalance at ceiling level which did not affect the overall aesthetics. The candidate worked cleanly and safely throughout the task and

with minimal contamination to the face. The completed appearance and quality of finish is sound with only minor defects.

Sub task A (ii) Fireplace

The guided exemplification materials (GEM) for sub task A (ii) contain examples of candidate evidence for the following assessment requirements

- Assessor observation of finished fireplace “Vert de Mer” effects noting:
 - application of ground coat
 - application “Vert de Mer” marble effect
 - application of protective coating

Photographic/video evidence required:

- Photographic evidence of protection of surrounding areas - *Illustrated in Task 2A (ii) photographic/video evidence section below (photograph 20)*
- Photographic evidence of the preparation stages - *Illustrated in Task 2A (ii) photographic/video evidence section below (photograph 21)*
- Video evidence of the application of ground coat. Short video sequences that show selection of ground coat, preparation, mix and initial application - *Illustrated in Task 2A (ii) photographic/video evidence section below (video 3 TC)*
- Video evidence of application of paint and decorative application methods used. Video sequence to show mix of paints and decorative techniques being applied - *Illustrated in Task 2A (ii) photographic/video evidence section below (video 4 TC)*
- Video evidence of the application of protective coating. Video sequence of protective coating applied - *Illustrated in Task 2A (ii) photographic/video evidence section below (video 5 TC)*
- Photographic evidence of finished fireplace with “Vert de Mer effects - *Illustrated in Task 2A (ii) photographic/video evidence section below (photographs 22 - 25)*

Candidate evidence

Sub task 2A (ii)

Practical Observation Form

Assessment ID	Qualification number
8711-307	8711-37
Candidate name	Candidate number
Candidate A	GG12345
Centre name	Assessment theme

City & Guilds	Preparation of surfaces and work area for applying specialist surface coatings and Application of specialist surface coatings
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Complete the table below referring to the relevant marking grid, found in the assessment pack. Do not allocate marks at this stage.

Task	Notes – detailed, accurate and differentiating notes which identify areas of strength and weakness are necessary to distinguish between different qualities of performance and to facilitate accurate allocation of marks once all evidence has been submitted.
Fireplace	<p>Preparation</p> <p>The candidate set up the area and protected most of the surrounding surfaces, with only one minor lapse in protecting the floor surface securely with tape.</p> <p>Tool and material selection was correct bar omitting hog hair brush, which was rectified when the candidate reviewed the material list and method statement requirements prior to start and returned to store to retrieve.</p> <p>Application</p> <p>Candidate follows the method statement through the application of the Vert de Mer.</p> <p>Ground colour and the glaze was mixed and colour added correctly although a little dark in tone but did not add more water glaze medium to reduce the density of colour.</p> <p>Correct use of techniques shown and good tool use in application, especially the use of feather and softener creating veins and rag to support the glaze work. However, there were some uneven finishes that had to be amended a couple of times to produce a more even overall finish.</p> <p>.</p> <p>The candidate applied the protective coating evenly with one small patch that was missed and not rectified on completion.</p> <p>The task was completed to a good standard and the replica Vert de Mer was a sound representation of the scheme specification.</p> <p>Area was generally clean and the candidate worked safely throughout.</p>

Assessor signature	Date
Assessor A	15/12/2020

Photographic/video evidence for Sub task 2A (ii)

Photograph 20 showing protection of surrounding areas



Photograph 20 shows protection of surrounding area and floors complete bar one small tape omission

Photographic 21 shows the preparation stages/tools selection



Photograph 21 shows correct tools selected (after small omission) resulting in candidate returning to stores for hog hair brush

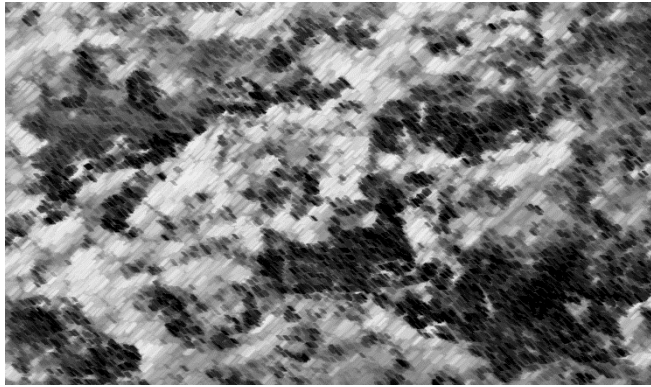
Placeholder: Video 3 TC evidence of the application of ground coat. Short video sequences that show selection of ground coat, preparation, mix and initial application.

Placeholder: Video 4 TC evidence of application of paint and decorative application methods used.

Placeholder: Video 5 TC evidence of the application of protective coating.

Photographic evidence 22 – 25 showing finishing of fireplace with “Vert de Mer” effects

Photograph 22



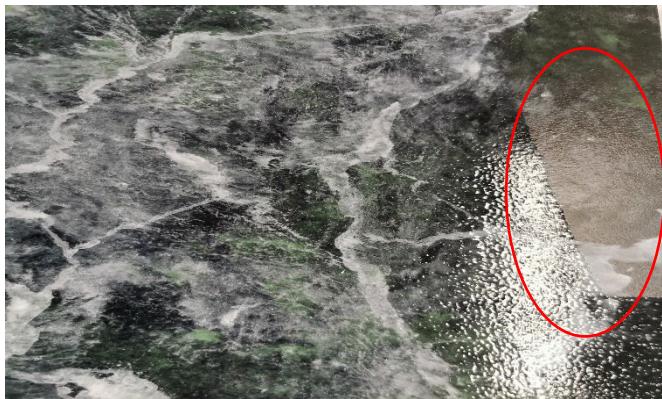
Photograph 22 shows first application correctly applied although glaze slightly dark

Photograph 23



Photograph 23 shows second application applied correctly after some amendments to ensure even finish

Photograph 24



Photograph 24 shows correct application of protective glaze, but with a small omission (left uncorrected by candidate on completion)

Photograph 25 – showing completed fireplace with “Vert de Mer” marble effect



Photograph 25 shows completed fireplace with “Vert de Mer” effects. Despite small imperfections, the effect was to a good standard and overall reflected of the specification

Commentary

The candidate demonstrates a good understanding of the preparation required to complete the task, correctly selecting the tools, equipment and resources and protection required prior to application, bar needing to retrieve an essential tool and one small omissions in taping of floor protector. The candidate demonstrated good understanding and skill applying feather, brush and rag techniques, however adjustments were required to achieve an even finish. The protective coating was uniform bar one small patch which was left unprotected. The candidate worked cleanly, logically and safely throughout the task. The overall appearance was of a good standard and met the scheme specification.

Sub task D: Radiator

The guided exemplification materials (GEM) for sub task D contain examples of candidate evidence for the following assessment requirements

- Assessor observation of the finished radiator noting:
 - Preparation of radiator
 - HVLP spray application

Photographic/video evidence required:

- Photographic evidence of the protection of surrounding area - *Illustrated in Sub task D photographic/video evidence section below (photograph 26)*
- Photographic evidence of the preparation stage - *Illustrated in Sub task D photographic/video evidence section below (photographs 27-31)*
- Video evidence of the set-up of HVLP- *Illustrated in Sub task D photographic/video evidence section below (video 6 TC)*
- Video evidence of the application of paint to the radiator - *Illustrated in Sub task D photographic/video evidence section below (video 7 TC)*

- Photographic evidence of the finished radiator (close- *Illustrated in Sub task D photographic/video evidence section below (photographs 32-33)*)
- Photographic evidence of wipe and clean of HVLP spray tool- *Illustrated in Sub task D photographic/video evidence section below (photographs 34-36)*

Candidate evidence

Sub task D

Practical Observation Form

Assessment ID	Qualification number
8711-307	8711-38
Candidate name	Candidate number
Candidate A	CG12345
Centre name	Assessment theme
City & Guilds	Preparation of surfaces and work area for applying specialist surface coatings and Application of specialist surface coatings

Complete the table below referring to the relevant marking grid, found in the assessment pack. Do not allocate marks at this stage.

Assessment theme	Notes – detailed, accurate and differentiating notes which identify areas of strength and weakness are necessary to distinguish between different qualities of performance and to facilitate accurate allocation of marks once all evidence has been submitted.
Radiator	<p>Preparation</p> <p>The candidate carried out adequate protection of surrounding areas, masking was adequate and any spray debris was cleaned off after the spray finish was applied</p> <p>The candidate checked the risk assessment and method statement for this sub task before commencing work and followed it throughout the task. They wore the correct PPE and the surface was correctly prepared, with attention paid to minimise defects.</p> <p>.</p> <p>Application</p> <p>The Candidate set up the equipment correctly although the consistency of the paint was not correct at the start and required adjustments.</p> <p>On the second attempt a trial pattern/test was carried out to check operation of the equipment and to ensure the overall finish was to the correct thickness.</p> <p>Once the test was complete the consistency and spraying technique was corrected and completed within the time allocation.</p> <p>At one point the candidate moved the gun slightly away from the surface when spraying leading to a couple of areas that were not fully coated but this was remedied on second coat.</p> <p>The candidate followed the correct shutdown procedure. All the equipment was washed and stored correctly.</p> <p>The task was completed to a good finish on completion and the task met the scheme specification.</p>

Assessor signature	Date
Assessor A	15/12/2020

Photographic/video evidence for sub task D

Photograph 26 showing evidence of the protection of surrounding area



Photograph 26 shows adequate protection of surrounding area

Photographs 27 - 31 showing the preparation/set up and testing of HVLP

Photograph 27



Photograph 27 shows equipment set up correct

Photograph 28



Photograph 28 shows first paint attempt mix (viscosity incorrect)

Photograph 29



Photograph 29 shows candidate test paint mix (viscosity too thick) candidate notices issues and rectifies (as shown in photographs 30 and 31)

Photograph 30



Photograph 30 shows candidate adjusting viscosity of paint

Photograph 31



Photograph 31 shows candidate testing paint again before application after adjustment. Paint viscosity correct after second attempt

Placeholder: Video 6 TC of the set-up of HVLP - sequenced frames of HVLP set up, and testing for consistency prior to application

Placeholder: Video 7 TC of the application of paint to the radiator

Photographs 32 – 33 showing finishing of radiator (close up)

Photograph 32



Photograph 32 shows the candidate applying first application correctly bar a minor miss when arching the gun slightly

Photograph 33



Photograph 33 shows the finished radiator with initial application miss corrected on second application. Finish to a good standard and meets scheme requirements

Photograph 34 – 36 showing wipe and clean of HVLP spray tool ready for storage

Photograph 34



Photograph 34 shows adequate cleaning of HVLP spray tool

Photograph 35



Photograph 35 shows correct clean and flush of HVLP spray tool

Photograph 36



Photograph 36 shows the correct clean and break down of HVLP spray tool ready for storage

Commentary

The candidate demonstrated a good understanding of work required to complete the task and carried out the work in a logical sequence. The candidate set up the working area correctly bar one small error which was later rectified. The candidate set up the equipment correctly, however the consistency of paint was not correct on the first attempt which led to a slightly patchy effect initially. This was corrected after test runs were made by the candidate. The candidate demonstrated good skill, applying the first coat evenly bar one small omission, which was corrected, and an even second coat, leaving a good overall application. The candidate followed the correct shut down procedure and worked cleanly, and safely throughout the task. The overall all appearance was of a good standard and met the scheme specification.

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