

Level 1 Diploma in Plastering (6708-13)

September 2023 Version 1.6

Qualification at a glance

Subject area	Construction
City & Guilds number	6708
Age group approved	16-18, 19+
Entry requirements	None
Assessment	Multiple choice/assignment
Support materials	Centre handbook Assessor guidance Task manual
Registration and certification	Consult the Walled Garden/Online Catalogue for last dates

Title and level	GLH	TQT	City & Guilds number	Accreditation number
Level 1 Diploma in Plastering	407	420	6708-13	600/7937/X

Version and date	Change detail	Section
1.2 July 2013	Amended the third bullet point under Centre staffing	Centre requirements
	Minor amendment to range in Unit 121 L03 AC3, Unit 125 L01 AC4	Units
1.2 July 2013	Glossary of terms added	Units
1.3 July 2014	Centre staffing amended	Centre requirements
1.4 December 2015	Updated range for LO 1, 3 and 4 in unit 201	Units
1.5 August 2017	Added TQT details	Qualification at a Glance, Structure
	Deleted QCF	Appendix 1
1.6 September 2023	Removal of images	Throughout

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1 Introduction

This document tells you what you need to do to deliver the qualification:

Area	Description
Who is the qualification for?	It is for candidates who work or want to work as a Plasterer in the construction sector.
What does the qualification cover?	<p>It allows candidates to learn, develop and practise the skills required for employment and/or career progression in Plastering.</p> <p>It covers the following skills:</p> <ul style="list-style-type: none">• Preparing backgrounds surfaces and plastering materials• Applying scratch coats• Fixing sheet materials• Applying floating coats• Applying setting coats
What opportunities for progression are there?	<p>It allows candidates to progress into employment or to the following City & Guilds qualifications:</p> <ul style="list-style-type: none">• Level 2 Diploma in Plastering

Structure

To achieve the **Level 1 Diploma in Plastering (6708-13)**, learners must achieve **42** credits from the mandatory units.

Unit accreditation number	City & Guilds unit number	Unit title	Credit value	GLH
Mandatory				
A/504/6722	Unit 101/501	Principles of building construction, information and communication	6	52
H/504/6942	Unit 121	Prepare background surfaces and mix plastering materials	3	30
J/505/2894	Unit 122	Applying scratch coats to internal backgrounds	6	60
M/504/6944	Unit 123	Fixing sheet materials	6	60
A/504/6946	Unit 124	Applying floating coats to wall	7	68
F/504/6947	Unit 125	Applying setting coats to wall	7	67
A/504/6719	Unit 201/601	Health, safety and welfare in construction	7	70

Total Qualification Time

Total Qualification Time (TQT) is the total amount of time, in hours, expected to be spent by a Learner to achieve a qualification. It includes both guided learning hours (which are listed separately) and hours spent in preparation, study and assessment.

Title and level	GLH	TQT
Level 3 Diploma in Plastering	407	420

2 Centre requirements

Approval

The approval process for Construction qualifications is available at our website. Please visit www.cityandguilds.com/construction for further information.

Resource requirements

Physical resources and site agreements

Centres will have well equipped workshops with a comprehensive range of hand and portable power tools that meet current industry standards. All powered equipment should be well maintained and PAT certified. Facilities for grinding and sharpening hand tools will be available. Centres will have special designated areas within their Plastering workshop (cubicles or project areas) allowing candidates to practise the requirements of the units and carry out the Practical Assignments.

Centre staffing

All staff who assess (tutor/deliver) these qualifications must:

- have recent relevant experience in the specific area they will be teaching;
- be technically competent in the area for which they are delivering training and/or have experience of providing training;
- have a CV available demonstrating relevant experience and any qualifications held.

All staff who quality assure these qualifications must:

- have a good working knowledge and experience within the construction industry;
- have an established strategy and documentary audit trail of internal quality assurance;
- have a good working knowledge of quality assurance procedures;
- have a CV available demonstrating relevant experience and any qualifications held.

While the Assessor/Verifier (A/V) units/TAQA are valued as qualifications for centre staff, they are not currently a requirement for these qualifications. However, we encourage trainers and assessors to qualify to the current TAQA standard.

Continuing professional development (CPD)

Centres must support their staff to ensure that they have current knowledge of the occupational area, that delivery, mentoring, training, assessment and verification is in line with best practice, and that it takes account of any national or legislative developments.

Candidate entry requirements

City & Guilds does not set entry requirements for this qualification. However, centres must ensure that candidates have the potential and opportunity to gain the qualification successfully.

Age restrictions

City & Guilds cannot accept any registrations for candidates under 16.

3 Delivering the qualification

Initial assessment and induction

An initial assessment of each learner should be made before the start of their programme to identify:

- if the learner has any specific training needs,
- support and guidance they may need when working towards their qualification
- any units they have already completed, or credit they have accumulated which is relevant to the qualification
- the appropriate type and level of qualification.

We recommend that centres provide an induction programme so the learner fully understands the requirements of the qualification, their responsibilities as a learner, and the responsibilities of the centre. This information can be recorded on a learning contract.

Support materials

The following resources are available for this qualification:

Description	How to access
Assessor guidance	www.cityandguilds.com
Task manual	www.cityandguilds.com
Qualification approval form	www.cityandguilds.com/construction
SmartScreen	www.smartscreen.co.uk

4 Assessment

Unit	Title	Assessment method	Where to obtain assessment materials
101/501	Principles of building construction, information and communication	<p>City & Guilds e-volve multiple choice test or on demand externally marked paper.</p> <p>The test covers all of the knowledge in the unit.</p>	Examinations provided on e-volve, or question papers ordered via Walled Garden.
121	Prepare background surfaces and mix plastering materials	<p>Multiple choice question paper, covering knowledge outcomes.</p> <p>Practical assignment, covering performance outcomes.</p> <p>Both assessments are set by City & Guilds, delivered and marked by the tutor/assessor, and will be externally verified by City & Guilds to make sure they are properly carried out.</p>	www.cityandguilds.com

Unit	Title	Assessment method	Where to obtain assessment materials
122	Applying scratch coats to internal backgrounds	<p>Multiple choice question paper, covering knowledge outcomes.</p> <p>Practical assignment, covering performance outcomes.</p> <p>Both assessments are set by City & Guilds, delivered and marked by the tutor/assessor, and will be externally verified by City & Guilds to make sure they are properly carried out.</p>	www.cityandguilds.com
123	Fixing sheet materials	<p>Multiple choice question paper, covering knowledge outcomes.</p> <p>Practical assignment, covering performance outcomes.</p> <p>Both assessments are set by City & Guilds, delivered and marked by the tutor/assessor, and will be externally verified by City & Guilds to make sure they are properly carried out.</p>	www.cityandguilds.com

Unit	Title	Assessment method	Where to obtain assessment materials
124	Applying floating coats to wall	<p>Multiple choice question paper, covering knowledge outcomes.</p> <p>Practical assignment, covering performance outcomes.</p> <p>Both assessments are set by City & Guilds, delivered and marked by the tutor/assessor, and will be externally verified by City & Guilds to make sure they are properly carried out.</p>	www.cityandguilds.com
125	Applying setting coats to wall	<p>Multiple choice question paper, covering knowledge outcomes.</p> <p>Practical assignment, covering performance outcomes.</p> <p>Both assessments are set by City & Guilds, delivered and marked by the tutor/assessor, and will be externally verified by City & Guilds to make sure they are properly carried out.</p>	www.cityandguilds.com
201/601	Health, safety and welfare in construction	<p>City & Guilds e-volve multiple choice test or on demand externally marked paper.</p> <p>The test covers all of the knowledge in the unit.</p>	Examinations provided e-volve or question papers ordered via Walled Garden.

Test specifications

The way the knowledge is covered by each test is laid out in the table[s] below:

Test 1: Unit 101/501 Principles of building construction,
information and communication

Duration: 70 minutes

Unit	Outcome	Number of questions	%
101/501	1 Know how to identify information used in the workplace	7	20
	2 Know about environmental consideration in relation to construction	2	5.5
	3 Know about construction of foundations	4	11.5
	4 Know about construction of internal and external walls	8	23
	5 Know about construction of floors	4	11.5
	6 Know about construction of roofs	6	17
	7 Know how to communicate in the workplace	4	11.5
	Total	35	100

Test 2: Unit 121 Prepare background surfaces and mix plastering materials

Duration: 30 minutes

Unit	Outcome	Number of questions	%
121	1 Know the processes to prepare background surfaces	10	50
	3 Know how to prepare for mixing plastering materials	5	25
	5 Know how to mix plastering materials	5	25
	Total	20	100

Test 3: Unit 122 Applying scratch coats to internal backgrounds
Unit 124 Applying floating Coats

Duration: 30 minutes

Unit	Outcome	Number of questions	%
122	1 Know how to apply scratch coats to internal backgrounds	8	40
124	1 Know how to apply floating coats to wall	12	60

Total 20 100

Test 4: Unit 123 Fixing sheet materials
Duration: 25 minutes

Unit	Outcome	Number of questions	%
123	1 Know how to measure, cut and fix plasterboards	7	46
	3 Know how to measure, cut and fix pre-formed beads and EML	8	54
Total		15	100

Test 5: Unit 125 Applying setting coats to wall
Duration: 25 minutes

Unit	Outcome	Number of questions	%
125	1 Know how to apply setting coats to wall	15	100
Total		15	100

Test 6: Unit 201/601 Health, safety and welfare in construction
Duration: 1 hour

Unit	Outcome	Number of questions	%
201/601	1 Know the health and safety regulations, roles and responsibilities	7	17.5
	2 Know accident and emergency reporting procedures and documentation	5	12.5
	3 Know how to identify hazards in the workplace	7	17.5
	4 Know about health and welfare in the workplace	3	7.5
	5 Know how to handle materials and equipment safely	2	5
	6 Know about access equipment and working at heights	3	7.5
	7 Know how to work with electrical equipment in the workplace	4	10
	8 Know how to use personal protective equipment (PPE)	5	12.5

9 Know the cause of fire and fire emergency procedures	4	10
Total	40	100

5 Units

Structure of units

These units each have the following:

- City & Guilds reference number
- unit accreditation number (UAN)
- title
- level
- credit value
- guided learning hours
- unit aim
- learning outcomes which are comprised of a number of assessment criteria
- notes for guidance.

Range explained:

Range gives further scope on what areas within assessment criteria must be covered. The range in a unit **must** be taught to learners and parts of the range will be assessed.

Glossary of terms

The following key words and terms are used in the units.

Term	Definition
Adhesion	The “sticking” of a material to the background
Aggregate	The coarse material that is the bulk of a mix
Arris	A sharp corner
Bearers	Timber or steel studs or joists which plasterboards can be fixed to
British Standards	The British Standards Institute (BSI) develops and publishes standards in the UK
Common Bricks	Bricks of medium quality used for ordinary walling work where no special face finish is required.
Concrete	Composed of cement, sand and stone, of varying size and in varying proportions.

Damp Proof Course (DPC)	A layer or strip of impervious material placed in a joint of a wall to prevent the passage of moisture
Damp Proof Membrane (DPM)	A layer or sheet of impervious material within or below a floor or vertically within a building to prevent the passage of moisture
Datum	A datum is a fixed point for reference levels from, they may be permanent Ordnance Bench Marks (OBMs) or Temporary Bench Marks (TBMs)
Dimensions	Measurements
Dubbing out coat	Filling out of large hollows or voids prior to a scratch coat
EML (Expanded metal Lathing)	Metal reinforcement made out of sheet metal to form a mesh, fixed over concrete, timber or friable backgrounds to provide key
Engineering Bricks	Hard dense bricks of regular size used for carrying heavy loads (e.g. in bridge buildings, heavy foundations, etc.).
Floating coat	Undercoat plaster, commonly lightweight, applied 8-11mm thick to a background to make it straight and plumb prior to setting coat being applied
Foundations	Used to spread the load of a building to the sub-soil
Gauge	Mix or to mix as in gauge a mix or gauge consistency
Gauge Box	A bottomless box used for measuring material to be mixed together to form a plaster or mortar
Gypsum	A white rock, mined or produced as a by-product from power stations, it is used in plasterboard production and is the binder in lightweight plasters
Hatchings	Patterns used on a drawing to identify different materials to meet the standards BS1192
Industrial standards	Minimum standards of quality of completed work
Key (mechanical key)	The ability of a plastering material to grip to the background, provide mechanical key- provide something to grip to.
Leaf	One of two parallel walls that are tied together as a cavity wall
Lightweight plaster	A pre-mixed, (most containing gypsum and an aggregate as well as other additives for differing strengths etc.) bagged plaster available in a wide range to suit different backgrounds, properties and situations.
Lime	A fine powdered material traditionally used in mortars
Method Statement	A description of the intended method of carrying out a task, often linked to a risk assessment.
Mortar	A mixture of sand, cement and/or lime and water used for pricking up coats, scratch coats and floating coats.
Perlite	An aggregate formed from volcanic rock, found in lightweight plasters with good fire resistance qualities
Plasticiser	Used to make mortar workable

Plumb	The verticality of plasterwork or beads
Risk Assessment	An assessment of the hazards and risks associated with an activity and the reduction and monitoring of them
Scale	A method used to make increase or decrease an actual object to show on a drawing
Scratch coat	The first coat of plaster materials applied, to control suction, straighten and even out walls and provide mechanical key for next coat
Services	Eg provided by the utility companies, Gas, electric and water.
Setting coat	Finish plaster applied 2-3mm thick to provide a smooth finish ready for decoration
Skutch hammer	A bricklayers hammer with interchangeable finishing heads for trimming and tidying bricks and blocks
Specification	Instruction detailing types of materials and methods of work to be used
Suction	The porosity or ability to absorb water from an applied material
Vermiculite	An aggregate, found in lightweight plasters with excellent fire resistance qualities
Adhesion	The “sticking” of a material to the background

Unit 101/501 Principles of building construction, information and communication

UAN:	A/504/6722
Level:	1
Credit value:	6
GLH:	52
Endorsement by a sector or regulatory body:	This unit is endorsed by ConstructionSkills
Aim:	<p>The aim of this unit is to provide the learner with the knowledge of building methods and construction technology in relation to:</p> <ul style="list-style-type: none"> • understanding a range of building materials used within the construction industry and their suitability to the construction of modern buildings • processes for disseminating information • basic concepts of effective communication.

Learning outcome
The learner will:
1. know how to identify information used in the workplace
Assessment criteria
The learner can:
1.1 identify information sources used in construction
1.2 identify the scale to use with drawings in relation to BS1192
1.3 identify symbols and hatchings from drawings in relation to BS1192
1.4 state the purpose of datums used in construction.

Range
Information sources Drawings, schedule, specifications, programme of work
Drawings Block plan, site plan, detail, section

Symbols

WC, sink, bath, door, window

Hatchings

Brickwork, timber (wrot and unwrot), blockwork, concrete, hardcore, sub soil/earth, insulation, damp proof course (DPC),damp proof membrane (DPM)

Learning outcome

The learner will:

2. know about environmental considerations in relation to construction

Assessment criteria

The learner can:

2.1 state **features** of a building that improve efficiency

2.2 state the importance of **waste management**.

Range

Features

Design features that reduce consumption of water and energy: insulation and water harvesting/conservation

Waste management

Reduce, reuse, recycle

Learning outcome

The learner will:

3. know about construction of foundations

Assessment criteria

The learner can:

3.1 identify **types of foundations**

3.2 identify **materials** used in concrete foundations

3.3 state the **information** required to work out the quantity of materials used in a foundation

3.4 calculate volume of concrete used in single strip foundation.

Range

Types of foundations

Strip, raft, pile, pad

Materials

Course aggregate, fine aggregate, cement, water, steel reinforcement

Information Specification, dimensions

Learning outcome
The learner will: 4. know about construction of internal and external walls
Assessment criteria
The learner can: 4.1 identify types of internal and external walls 4.2 identify external walling materials and components 4.3 identify internal walling materials and components 4.4 calculate the area of a wall 4.5 identify materials and mix ratios used in mortar 4.6 identify wall finishes 4.7 state paint systems for new plaster.

Range
Types Solid, cavity, timber frame, stud
External walling materials and components Brick, block, timber, insulation, Damp proof course (DPC), wall ties
Internal walling materials and components Stud (timber, metal), low density blockwork, plasterboard, plaster
Materials Sand, lime, plasticiser, cement
Wall finishes Plaster, render
Paint systems Mist-coat/seal, two coats of emulsion

Learning outcome
The learner will: 5. know about construction of floors
Assessment criteria
The learner can: 5.1 identify types of floors 5.2 identify components of solid concrete ground floors 5.3 identify components of timber floors .

Range
<p>Types of floors Solid concrete ground, timber (ground, upper)</p> <p>Components of solid concrete ground floors Hardcore, blinding sand, damp proof membrane (DPM), insulation, oversite concrete, screed</p> <p>Components of timber Oversite concrete, sleeper walls, wall plates, DPC, joists, insulation, floor covering</p>

Learning outcome
The learner will:
6. know about construction of roofs
Assessment criteria
The learner can:
6.1 identify types of roofs
6.2 identify components of roofs
6.3 state paint systems for timber
6.4 calculate the linear quantity of fascia board
6.5 state the importance of thermal insulation in a roof.

Range
<p>Types of roofs Gable-ended, flat, hipped, lean-to</p> <p>Roof components Ridge, batten/lathe, fascia, wall plate, felt, slate/tile, truss rafters, insulation, joists, wall plate straps</p> <p>Paint systems for timber Knotting, prime, undercoat, gloss, (water based and solvent-based)</p>

Learning outcome
The learner will:
7. know how to communicate in the workplace
Assessment criteria
The learner can:
7.1 list job roles within construction
7.2 state information needed when recording a message
7.3 list benefits of clear and effective communication
7.4 list benefits of positive communication with colleagues and others

7.5 identify **communication methods** used to relay information to colleagues.

Range

Job roles

Professional, technician, trade, general operative

Information

Date, time, content, contact name and details

Benefits (AC 7.3)

Preventing errors, safe working, improved productivity

Benefits (AC 7.4)

Improved motivation, avoid conflict, complying with equality and diversity

Communication methods

Verbal, memos, telephone, email, radio, text messages

Unit 121

Prepare background surfaces and mix plastering materials

UAN:	H/504/6942
Level:	1
Credit value:	3
GLH:	30
Endorsement by a sector or regulatory body:	Endorsed by Construction Skills.
Aim:	The aim of this unit is to provide the learner with the knowledge new and existing background surfaces and prepare for laying on.

Learning outcome
The learner will: 1. know the processes to prepare background surfaces.
Assessment criteria
The learner can: 1.1 identify different types of background surfaces 1.2 state the methods for removing existing plaster by hand and machine 1.3 state the methods for cleaning down background surfaces 1.4 describe the importance and control of suction 1.5 describe the importance of forming a key and using bonding agents to background surfaces 1.6 list common faults caused by ineffective surface preparation 1.7 describe the importance of cleaning and waste disposal.

Range
Background surfaces Brick, block, stone, timber studs, concrete, composite backgrounds, sheet materials (plasterboard, EML), pre-plastered surface
Methods (AC1.2)

Skutch hammer, lump hammer, claw hammer, pick hammer, bolster, chisel, mechanical stripping tools eg breaker

Methods (AC1.3)

Brush, water, industrial vacuum, mechanical extraction systems

Importance and control (AC1.4)

Drying times, adhesion, water suction test

Importance (AC1.5)

Adhesion, control of suction

Key/bonding agents

Spatterdash/slurry/stipple, mechanical (hand and power), PVA, SBR bonding slurry

Common faults

Poor adhesion, fire cracking/crazing, surface or fine cracking, material failure (shrinkage, cracking or dusting of material), stress (strength of materials), sagging

Importance (AC1.7)

Prevention of hazards, efficient working, care for the environment, avoid contamination of mix

Learning outcome

The learner will:

- 2. be able to use processes to prepare background surfaces.

Assessment criteria

The learner can:

- 2.1 use **instructions** for preparation of background surfaces
- 2.2 identify different **suction backgrounds**
- 2.3 select **hand** and **power tools** to prepare background surfaces
- 2.4 apply **suction test** and control measures on background surfaces
- 2.5 provide **key** and **bonding agents** to backgrounds surfaces
- 2.6 clean work area and dispose of waste
- 2.7 use correct access equipment
- 2.8 follow current environmental and relevant health and safety legislation.

Range

Instructions

Verbal, written/drawings.

Suction backgrounds

High, medium, low.

Hand tools

Skutch hammer, lump hammer, claw hammer, bolster, chisel.

Power tools

Mechanical stripping tools.

Suction test

Brush, water.

Key/bonding agents

Spatterdash/slurry/stipple, mechanical (hand and power), PVA

Learning outcome

The learner will:

3. know how to prepare for mixing plastering materials.

Assessment criteria

The learner can:

- 3.1 identify different types of **plastering materials**
- 3.2 state the **requirements** for mixing plastering materials
- 3.3 identify different types of **equipment and tools** used for mixing plastering materials.

Range**Plastering materials**

Sand, cement, lime, pre-mixed plasters (lightweight, backing and setting coat), additives

Requirements

Manufacturer's instructions, method statement, risk assessment and control measures, manual handling, COSHH assessment, suitable mixing area to include access to services (water, electric supply, waste disposal)

Tools and equipment

Gauging trowel, bucket, shovel, mechanical whisk, mixing wheel, hand held paddle, hand brush, gauging box/bucket, dust sheets, mechanical extraction systems, Personal Protective Equipment (PPE)

Learning outcome

The learner will:

4. be able to prepare for mixing plaster materials.
Assessment criteria
The learner can:
4.1 select plastering materials
4.2 select the tools and equipment to gauge and mix plastering materials
4.3 set up the mixing area
4.4 use correct equipment
4.5 follow current environmental and relevant health and safety legislation.

Range
Plastering materials
Sand, cements, lime, pre-mixed plasters (lightweight and backing coat), additives
Tools and equipment
Gauging trowel, bucket, shovel, mechanical whisk, mixing wheel, hand held paddle, hand brush, dust sheets, mechanical extraction systems, Personal Protective Equipment (PPE).

Learning outcome
The learner will:
5. know how to mix plastering materials.
Assessment criteria
The learner can:
5.1 state the different methods of mixing plastering materials
5.2 identify the potential hazards when mixing plastering materials
5.3 identify control measures when mixing plastering materials
5.4 state effects relating to incorrect gauging and mixing of plastering materials
5.5 state the equipment for protecting the work and surrounding area.

Range
Methods
Hand mixing, mechanical mixing
Potential hazards
Splashes, electric shocks, slips, trips and falls, airborne contamination/dust, entanglements, fumes, chemical burns
Control measures

Clean working area, signage, emergency procedures, PUWER, Personal Protective Equipment (PPE), COSHH, risk assessment, manufacturers' instructions/data sheet

Effects

Failure of mix (strength and quality), waste of materials, poor adhesion, flash set/no set

Equipment

Dust sheets/protective polythene, floor coverings eg plywood sheets, barriers/hoardings, warning notices

Learning outcome

The learner will:

6. be able to mix plaster materials.

Assessment criteria

The learner can:

- 6.1 **mix proportions** of materials to given specifications
- 6.2 report **problems** when mixing plaster materials to the relevant personnel
- 6.3 use correct equipment
- 6.4 follow current environmental and relevant health and safety legislation.

Range

Mix proportions

Sand/lime mixes

Problems

Material shortage, old/damaged materials, health and safety issues, dirty water, storage

UAN:	J/505/2894
Level:	1
Credit value:	6
GLH:	60
Endorsement by a sector or regulatory body:	Endorsed by Construction Skills.
Aim:	The aim of this unit is to provide the learner with the knowledge, techniques and skills for applying scratch-coats and dubbing out coats.

Learning outcome
The learner will:
1. know how to apply scratch coats to internal backgrounds.
Assessment criteria
The learner can:
1.1 state why scratch coats would be applied
1.2 state different types of materials and mixes
1.3 identify different types of equipment and tools to apply scratch coats to internal backgrounds
1.4 describe the importance of correct technique and procedures when using tools.

Range
Why To even out surfaces/dubbing out coat, for a key, control and even out suction
Materials Sand (coarse and sharp), cement, lime, lightweight plasters, additives
Mixes Strong/weak, lime based (ratio 5:2), cement based (ratio 4:1, 5:1, 6:1), cement and lime based (ratio 6:1:1, 6:1:½)

Equipment and tools

Spot board and stand, plasterer's hawk (hand board), straight/feather edge, plasterer's trowel, gauging trowel, bucket trowel, bucket, brush, scratch comb, scarifier

Correct technique and procedures

Preparing backgrounds, checking surface for straightness, setting up equipment, tools and work area, checking tools for accuracy and cleanliness, application of material, keying surface, transferring materials (spot board to wall)

Learning outcome

The learner will:

2. be able to apply scratch coats to internal backgrounds.

Assessment criteria

The learner can:

- 2.1 comply with **specifications** for applying scratch coats to internal backgrounds
- 2.2 select **equipment, tools and materials** to apply scratch coats to internal backgrounds
- 2.3 select **mix and materials**
- 2.4 use correct techniques and procedures when applying scratch coats to internal backgrounds
- 2.5 use correct access equipment
- 2.6 follow current environmental and relevant health and safety legislation.

Range**Specifications**

Verbal, written/drawings

Equipment, tools and materials

Spot board and stand, plasterer's hawk (hand board), straight/feather edge, plasterer's trowel, gauging trowel, bucket trowel, bucket, brush, scratch comb, scarifier

Mixes

Strong/weak, lime based (ratio 5:2)

Materials

Sand (coarse and sharp), lime

UAN:	M/504/6944
Level:	1
Credit value:	6
GLH:	60
Endorsement by a sector or regulatory body:	Endorsed by Construction Skills.
Aim:	The aim of this unit is to provide the learner with the knowledge, techniques and skills for fixing sheet materials.

Learning outcome
The learner will:
1. know how to measure, cut and fix plasterboards.
Assessment criteria
The learner can:
1.1 state how to use specifications and schedules to fix plasterboards
1.2 state the importance of accurate measurements
1.3 identify different types of fixings used for plasterboards
1.4 state the reasons for staggering joints when fixing plasterboards
1.5 identify different types of materials used for jointing plasterboards.

Range
Fixings Dry wall screws, galvanised nails
Materials Tapes, scrim

Learning outcome
The learner will:
2. be able to measure, cut and fix plasterboards.
Assessment criteria
The learner can:

- 2.1 comply with **specifications** for cutting and fixing plasterboards
- 2.2 select **equipment and tools** to cut and fix plasterboards
- 2.3 fix sheet materials in place
- 2.4 apply safe working procedures for cutting and fixing plasterboards
- 2.5 use correct access equipment
- 2.6 follow current environmental and relevant health and safety legislation.

Range

Specifications and schedules

Verbal, written/drawings

Equipment and tools

Claw hammer, cordless screwdriver, straight edge, board knife, pad saw, surform, tape measure, dry wall hammer

Learning outcome

The learner will:

- 3. know how to measure, cut and fix pre-formed beads and EML.

Assessment criteria

The learner can:

- 3.1 describe different types of **pre-formed beads** and **expanded metal lath (EML)**
- 3.2 state the importance of accurate measurements
- 3.3 describe different **methods** for fixing pre-formed beads and EML
- 3.4 identify different types of **equipment and tools** for fixing pre-formed beading and EML.

Range

Beads:

Pre-formed

Thin coat stop bead, thin coat angle bead

Expanded metal lath (EML)

Roll form, strip

Methods

Screwed, nailed, stapled, plaster

Equipment and tools

Claw hammer, snips, cordless screwdriver, straight edge, drill, tape measure, staple gun, hawk and trowel, spirit level, Personal Protective Equipment (PPE)

Learning outcome

The learner will:

4. be able to measure, cut and fix pre-formed beads and EML.

Assessment criteria

The learner can:

- 4.1 comply with **specifications** for measuring, cutting and fixing pre-formed beads and EML
- 4.2 select **equipment and tools** and to measure, cut and fix pre-formed beads and EML
- 4.3 measure pre-formed beads and EML
- 4.4 cut pre-formed beads and EML to given sizes
- 4.5 select **methods** for fixing pre-formed beads and EML
- 4.6 fix pre-formed beads and EML
- 4.7 apply safe working procedures for measuring, cutting and fixing re-formed beads and EML
- 4.8 use correct access equipment
- 4.9 follow current environmental and relevant health and safety legislation.

Range

Specifications and schedules

Verbal, written/drawings

Equipment and tools

Snips, tape measure, claw hammer, combi drill, straight edge, hawk and trowel, spirit level, Personal Protective Equipment (PPE)

Methods

Screwed, nailed, adhesive

UAN:	A/504/6946
Level:	1
Credit value:	7
GLH:	68
Endorsement by a sector or regulatory body:	Endorsed by Construction Skills.
Aim:	The aim of this unit is to provide the learner with the knowledge, techniques and skills for applying floating coats to wall

Learning outcome
The learner will:
1. know how to apply floating coats to wall.
Assessment criteria
The learner can:
1.1 describe different types of materials used for applying floating coats to wall
1.2 state different types of mixes
1.3 identify different types of tools and equipment for applying floating coats to wall
1.4 describe the importance of correct technique and procedure when using tools
1.5 describe different types of floating coats .

Range
Materials Aggregates (sand, perlite and vermiculite), cement, lime, lightweight plasters, additives, classifications of plaster
Mixes Strong/weak, lime based (ratio 5:2), cement based (ratio 4:1, 5:1, 6:1), cement and lime based (ratio 6:1:1, 6:1:½).
Tools and equipment

Spot board and stand, plasterer's hawk (hand board), straight/feather edge, plasterer's trowel, gauging trowel, bucket trowel, bucket, brush, float/devil float, darby, spirit level.

Technique and procedure

preparing backgrounds, checking surface for straightness, setting up equipment, tools and work area, checking tools for accuracy and cleanliness, application of floating coats, keying surface transferring materials (spot board to wall)

Floating coats

Methods: dot and screed, broad screed, making good (patching a chase), free hand.

Learning outcome

The learner will:

2. be able to apply floating coats to walls.

Assessment criteria

The learner can:

- 2.1 comply with **specifications** for applying floating coats to wall
- 2.2 select **equipment, tools** and materials to applying floating coats
- 2.3 select **mixes** for **floating coats**
- 2.4 use methods to apply **floating coats**
- 2.5 use correct techniques when applying **floating coats**
- 2.6 use correct access equipment
- 2.7 follow current environmental and relevant health and safety legislation.

Range

Specifications and schedules

Verbal, written/drawings

Equipment and tools

Spot board and stand, plasterer's hawk (hand board), straight/feather edge, plasterer's trowel, gauging trowel, bucket trowel, bucket, brush, darby, devil float

Mixes

Strong/weak, lime based (ratio 5:2)

Materials: sand (coarse and sharp), lime

Floating coats

Methods: dot and screed, broad screed, free hand

UAN:	F/504/6947
Level:	1
Credit value:	7
GLH:	67
Endorsement by a sector or regulatory body:	Endorsed by Construction Skills.
Aim:	The aim of this unit is to provide the learner with the knowledge, techniques and skills for applying setting coats to wall

Learning outcome
The learner will: 1. know how to apply setting coats to walls
Assessment criteria
The learner can: 1.1 describe different types of materials used for applying setting coats 1.2 describe the importance of clean water 1.3 state the effects of out of date plasters 1.4 identify equipment and tools for applying setting coats 1.5 describe the importance of correct technique and procedure when using tools.

Range
Materials Finishing/setting plaster, multi-purpose setting coat, plasterboard finish, one/two coat application, spray finish, hard grade plaster finish, gypsum, aggregates (sand, perlite, vermiculite), classifications of plaster
Importance Flash set/no set, poor quality finish
Effects Flash set, poor quality finish, waste of materials, damage to tools and equipment, cost implications

Equipment and tools

Spot board and stand, plasterer's hawk (hand board), bucket, hand brush, floor scraper, straight edge, mixing whisk, gauging trowel, bucket trowel, finishing trowel, flat brush, internal angle trowel, spatula, finishing blades.

Correct technique and procedure

preparing backgrounds, checking surface for straightness, key and suction, setting up equipment, tools and work area, checking tools for accuracy and cleanliness, application of setting plaster, transferring materials (spot board to wall)

Learning outcome

The learner will:

2. be able to apply setting coats to walls.

Assessment criteria

The learner can:

- 2.1 comply with **specifications** for apply setting coats to walls
- 2.2 select **equipment, tools** and **materials** to apply setting coats to wall
- 2.3 mix plasters
- 2.4 use correct techniques when applying setting coats
- 2.5 apply setting coat finish
- 2.6 use correct access equipment
- 2.7 follow current environmental and relevant health and safety legislation.

Range**Specifications and schedules**

Verbal, written/drawings

Equipment and tools

Spot board and stand, plasterer's hawk (hand board), bucket, brush, floor scraper, mixing whisk, gauging trowel, bucket trowel, finishing trowel, flat brush, finishing blade

Materials

Lightweight setting plaster

Unit 201/601 Health, safety and welfare in construction

UAN:	A/504/6719
Level:	2
Credit value:	7
GLH:	70
Endorsement by a sector or regulatory body:	This unit is endorsed by Construction Skills, the Sector Skills Council for the construction industry.
Aim:	The aim of this unit is to provide the learner with the knowledge to carry out safe working practices in construction, in relation to sourcing relevant safety information and using the relevant safety procedures at work

Learning outcome
The learner will:
1. know the health and safety regulations, roles and responsibilities
Assessment criteria
The learner can:
1.1 identify health and safety legislation relevant to and used in the construction environment
1.2 state employer and employee responsibilities under the Health and Safety at Work Act (HASWA)
1.3 state roles and responsibilities of the Health and Safety Executive (HSE)
1.4 identify organisations providing relevant health and safety information
1.5 state the importance of holding on-site safety inductions and toolbox talks.

Range

Health and safety legislation

Health and Safety at Work Act, Reporting Injuries, Diseases and Dangerous Occurrences Regulations (RIDDOR), Control of Substances Hazardous to Health (COSHH), Construction, Design and Management (CDM) regulations , Provision and Use of Work Equipment Regulations (PUWER), manual handling operations Regulations, Personal Protective Equipment (PPE) at Work Regulations, Work at Height Regulations, Control of Noise at Work Regulations, Control of Vibration at Work Regulations , Electricity at Work Regulations, Lifting operations and Lifting Equipment Regulations (LOLER)

Employer responsibilities

Safe working environment, adequate staff training, health and safety information, site inductions, toolbox talks, risk assessment, supervision, PPE, reporting hazards, accidents and near misses, sections 2 to 9 of Health and Safety at Work Act, CDM reg's, construction phase plans, welfare, display public liability Insurance and health and safety law poster.

Employee responsibilities

Working safely, working in partnership with the employer, reporting hazards, accidents and near misses, following organisational procedures as per Sections 2 to 9 of Health and Safety at Work Act.

Roles and responsibilities:

Enforcement (including fees for intervention), legislation and advice, inspection, investigation eg site investigations.

Organisations

Health and Safety Executive (HSE) website, Institute of Occupational Safety and Health, British Safety Council, 'manufacturer', ROSPA.

Learning outcome

The learner will:

2. know accident and emergency reporting procedures and documentation

Assessment criteria

The learner can:

- 2.1 state legislation used for reporting accidents
- 2.2 state major **types of emergencies** that could occur in the workplace
- 2.3 identify reportable injuries, diseases and dangerous occurrences as per RIDDOR
- 2.4 state main types of **records** used in the event of an accident, emergency and near miss and reasons for reporting them

- 2.5 identify **authorised personnel** involved in dealing with accident and emergency situations
- 2.6 state **actions** to take when discovering an accident.

Range

Types of emergencies

Fires, security incidents, gas leaks.

Records:

Accident book, first aid records, organisational records and documentation.

Authorised personnel

First aiders, supervisors/managers, health and safety executive, emergency services, safety officer.

Actions

Area made safe, call for help, emergency services.

Learning outcome

The learner will:

3. know how to identify hazards in the workplace

Assessment criteria

The learner can:

- 3.1 state the importance of **good housekeeping**
- 3.2 state reasons for risk assessments and method statements
- 3.3 identify **types of hazards** in the workplace
- 3.4 state the importance of the correct storage of combustibles and chemicals on site
- 3.5 identify different **signs and safety notices** used in the workplace.

Range

Good housekeeping:

Cleanliness, tidiness, use of skips and chutes, segregation of materials, clear access to fire escapes, clear access to fire extinguishers.

Types of hazards:

Fires, slips, trips and falls, hazardous substances (relating to inhalation, absorption, exposure, ingestion, cross-contamination), electrical, asbestos, manual handling, plant and vehicle movement, adverse weather.

Signs and safety notices:

Prohibition, mandatory, warning, safe condition, supplementary.

Learning outcome
The learner will: 4. know about health and welfare in the workplace
Assessment criteria
The learner can: 4.1 identify requirements for welfare facilities in the workplace as per Construction Design Management (CDM) 4.2 state health effects of noise and precautions that can be taken 4.3 state risks associated with drugs, alcohol and medication which could affect performance in the workplace.

Range
Precautions Reducing noise at source, PPE, isolation, exposure time.
Risks Reduced risk perception, loss of concentration, balance problems, absenteeism and reduced productivity.

Learning outcome
The learner will: 5. know how to handle materials and equipment safely
Assessment criteria
The learner can: 5.1 identify legislation relating to safe handling of materials and equipment 5.2 state procedures for safe lifting and manual handling activities in accordance with guidance and legislation 5.3 state the importance of using lifting aids when handling materials and equipment.

Range
Lifting aids Wheelbarrow, sack barrow, mechanical lifting aids, pallet truck.

Learning outcome
The learner will: 6. know about access equipment and working at heights
Assessment criteria

<p>The learner can:</p> <p>6.1 identify legislation relating to working at heights</p> <p>6.2 identify types of access equipment</p> <p>6.3 state safe methods of use for access equipment</p> <p>6.4 identify dangers of working at height.</p>
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<p>Range</p> <p>Access equipment: Stepladders, ladders (pole, extension), trestles, hop-ups, proprietary scaffolding, podium, stilts</p> <p>Safe methods Regular inspection, check for broken, damaged or missing components, responsible use, consideration of adverse weather conditions, good housekeeping</p> <p>Dangers Falling tools, falling equipment, falling materials, persons falling from height (injuries to themselves and others).</p>
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<p>Learning outcome</p> <p>The learner will:</p> <p>7. know how to work with electrical equipment in the workplace</p>
<p>Assessment criteria</p> <p>The learner can:</p> <p>7.1 state precautions to take to avoid risks to self and others when working with electrical equipment</p> <p>7.2 state dangers of using electrical equipment</p> <p>7.3 identify voltages and voltage colour coding that are used in the workplace</p> <p>7.4 state methods of storing electrical equipment.</p>

<p>Range</p> <p>Precautions Check leads, check plugs, use of cable hangers, check tools and equipment, current valid PAT certificate</p> <p>Dangers: Burns, electrocution, fire.</p> <p>Voltages Battery powered, 110/115 volts, 230/240 volts and 415 volts.</p>

Methods

Components present, equipment cleaned, checked for damage, stored in a clean and secure location.

Learning outcome

The learner will:

8. know how to use Personal Protective Equipment (PPE)

Assessment criteria

The learner can:

- 8.1 state the legislation governing use of Personal Protective Equipment (PPE)
- 8.2 state **types of PPE** used in the workplace
- 8.3 state the importance of PPE
- 8.4 state why it is important to store, maintain and use PPE correctly
- 8.5 state the importance of checking and reporting damaged PPE.

Range

PPE:

Head protection, eye protection, ear protection, face/dust masks, breathing apparatus, high visibility clothing, safety footwear, gloves, sun protection, barrier cream, water proofs, knee pads, overalls/disposable clothing

Learning outcome

The learner will:

9. know the cause of fire and fire emergency procedures

Assessment criteria

The learner can:

- 9.1 state **elements** essential to creating a fire
- 9.2 identify methods of fire prevention
- 9.3 state actions to be taken on discovering a fire
- 9.4 state **types of fire extinguishers** and their uses.

Range

Elements

Oxygen, fuel, heat.

Types of fire extinguishers:

Water, foam, CO2, dry powder.

Appendix 1 Sources of general information

The following documents contain essential information for centres delivering City & Guilds qualifications. They should be referred to in conjunction with this handbook. To download the documents and to find other useful documents, go to the **Centres and Training Providers homepage** on www.cityandguilds.com.

Centre Manual - Supporting Customer Excellence contains detailed information about the processes which must be followed and requirements which must be met for a centre to achieve 'approved centre' status, or to offer a particular qualification, as well as updates and good practice exemplars for City & Guilds assessment and policy issues. Specifically, the document includes sections on:

- The centre and qualification approval process
- Assessment, internal quality assurance and examination roles at the centre
- Registration and certification of candidates
- Non-compliance
- Complaints and appeals
- Equal opportunities
- Data protection
- Management systems
- Maintaining records
- Assessment
- Internal quality assurance
- External quality assurance.

Our Quality Assurance Requirements encompasses all of the relevant requirements of key regulatory documents such as:

- Regulatory Arrangements for the Qualifications and Credit Framework (2008)
- SQA Awarding Body Criteria (2007)
- NVQ Code of Practice (2006)

and sets out the criteria that centres should adhere to pre and post centre and qualification approval.

Access to Assessment & Qualifications provides full details of the arrangements that may be made to facilitate access to assessments and qualifications for candidates who are eligible for adjustments in assessment.

The **centre homepage** section of the City & Guilds website also contains useful information on such things as:

- **Walled Garden:** how to register and certificate candidates on line
- **Events:** dates and information on the latest Centre events
- **Online assessment:** how to register for e-assessments.

Useful contacts

UK learners General qualification information	T: +44 (0)844 543 0033 E: learnersupport@cityandguilds.com
International learners General qualification information	T: +44 (0)844 543 0033 F: +44 (0)20 7294 2413 E: intcg@cityandguilds.com
Centres Exam entries, Certificates, Registrations/enrolment, Invoices, Missing or late exam materials, Nominal roll reports, Results	T: +44 (0)844 543 0000 F: +44 (0)20 7294 2413 E: centresupport@cityandguilds.com
Single subject qualifications Exam entries, Results, Certification, Missing or late exam materials, Incorrect exam papers, Forms request (BB, results entry), Exam date and time change	T: +44 (0)844 543 0000 F: +44 (0)20 7294 2413 F: +44 (0)20 7294 2404 (BB forms) E: singlesubjects@cityandguilds.com
International awards Results, Entries, Enrolments, Invoices, Missing or late exam materials, Nominal roll reports	T: +44 (0)844 543 0000 F: +44 (0)20 7294 2413 E: intops@cityandguilds.com
Walled Garden Re-issue of password or username, Technical problems, Entries, Results, e-assessment, Navigation, User/menu option, Problems	T: +44 (0)844 543 0000 F: +44 (0)20 7294 2413 E: walledgarden@cityandguilds.com
Employer Employer solutions, Mapping, Accreditation, Development Skills, Consultancy	T: +44 (0)121 503 8993 E: business@cityandguilds.com
Publications Logbooks, Centre documents, Forms, Free literature	T: +44 (0)844 543 0000 F: +44 (0)20 7294 2413

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City & Guilds Group

The City & Guilds Group operates from three major hubs: London (servicing Europe, the Caribbean and Americas), Johannesburg (servicing Africa), and Singapore (servicing Asia, Australia and New Zealand). The Group also includes the Institute of Leadership & Management (management and leadership qualifications), City & Guilds Licence to Practice (land-based qualifications), the Centre for Skills Development (CSD works to improve the policy and practice of vocational education and training worldwide) and Learning Assistant (an online e-portfolio).

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