

<b>Title:</b>	<b>Produce, Position and Secure Fibrous Plaster Components</b>
<b>Level:</b>	2
<b>Credit Value:</b>	25
<b>GLH</b>	250
<b>Unique Reference Number:</b>	K/618/0880
<b>Aim:</b>	The aim of this unit is to provide evidence that the learner is able to interpret information and select resources required and to produce, position and secure fibrous plaster components.
<b>Assessment</b>	Assessment of this unit will be through the completion of a NOCN devised practical task and associated knowledge questions (written or verbal). This unit is internally assessed and internally and externally quality assured using the NOCN assessment booklet to evidence all learning outcomes.
<b>Learning outcomes</b>	
<i>The learner will:</i>	
1.	Be able to interpret the information required in order to produce, position and secure fibrous plaster components.
<b>Delivery content:</b>	
The aim of this learning outcome is to provide learners with the skills and knowledge to interpret the information required to produce fibrous plaster components.	
The learner must:	
<ul style="list-style-type: none"> <li>• identify the <b>documentation</b> and the details contained within in order to be able to complete given tasks.</li> <li>• identify and report any inaccuracies with supplied information in accordance with organisational procedures.</li> <li>• identify different types of <b>drawing</b> and their purpose.</li> <li>• interpret drawings including <b>common scales</b>, symbols and hatchings used</li> <li>• read and apply measurements from the information correctly.</li> <li>• use manufacturers' information to appropriately use resources.</li> </ul>	
2.	Be able to select and prepare tools, materials and moulds for producing plaster fibrous components.
<b>Delivery content:</b>	
The aim of this learning outcome is to provide learners with the skills and knowledge to identify and select tools, equipment and materials required to produce fibrous plaster components.	
The learner must:	
<ul style="list-style-type: none"> <li>• identify the requirements from the provided information and confirm it is correct for the given tasks.</li> <li>• report any discrepancies in accordance with organisational procedures.</li> <li>• carry out checks on all resources to ensure that they are fit for purpose and free from defects.</li> <li>• report and replace any defective resources that do not meet requirements in accordance with organisational procedures.</li> </ul>	
3.	Be able to prepare work areas and materials in order to be able to produce, position and secure fibrous plaster components.

**Delivery content:**

The aim of this learning outcome is to provide learners with the skills and knowledge to carry out preparations required to produce, position and secure fibrous plaster components.

The learner must:

- interpret risk assessments to identify **hazards** and ensure relevant **protection equipment** is used correctly.
- inspect the area to identify that any additional **hazards** present are mitigated.
- report issues and mitigating work carried out in accordance with organisational procedures.
- ensure that the work area is cleared ready for work to take place and surrounding areas are protected correctly.
- prepare benches for running moulds and casting moulds.
- select appropriate **tools, materials** (including those for reinforcing, sealing and releasing) and moulds in line with specifications.
- identify and report any inaccuracies with supplied information.
- carry out **calculations** to identify the correct quantities of **materials** required for the given tasks.
- use manufacturer's information to prepare resources.

4. Be able to produce fibrous plaster components.

**Delivery content:**

The aim of this learning outcome is to provide learners with the skills and knowledge to produce fibrous plaster components in line with specifications.

The learner must:

- gauge and mix casting plaster.
- produce running moulds with positive and negative profiles.
- form flexible moulds from models.
- apply casting plaster and reinforcement.
- produce and finish casts.
- position and protect casts safely for drying and / or storage.
- remove casts from moulds safely without damage.

5. Be able to position and prepare fibrous plaster components for fixing.

**Delivery content:**

The aim of this learning outcome is to provide learners with the skills and knowledge to position and prepare fibrous plaster components for fixing.

The learner must:

- use a range of information sources, including drawings, to interpret where to position and secure components.
- recognise and mitigate **hazards**, including the use of risk assessments and the use of **collective protective equipment** and **personal protective equipment**.
- select appropriate methods for fixing and joining fibrous plaster components.
- ensure that the work area is cleared ready for fixing and joining and protect the surrounding area.
- use support equipment, where necessary to position and hold components ready for securing.

6. Be able to fix and finish fibrous plaster components.

**Delivery content:**

The aim of this learning outcome is to provide learners with the skills and knowledge to joint, fix and secure fibrous plaster components.

The learner must:

- pre-drill components and backgrounds, when required.
- fix fibrous plaster components using appropriate methods to backgrounds.
- joint fibrous components, when required.

7. Be able to complete works following the production, positioning and securing of fibrous plaster components.

**Delivery content:**

The aim of this learning outcome is to provide learners with the skills and knowledge to complete work.

The learner must:

- clean, inspect and store all **tools, equipment** and excess **materials** and store in accordance with manufacturers' guidance.
- report any issues in accordance with organisational procedures.
- clean the work area and dispose of all waste in accordance with legislative requirements, manufacturers' guidance and organisational procedures.
- leave the work area in a safe and clean condition, using collective protective measures as appropriate.
- complete all final paperwork as required and file correctly.

**Scope of Training**

The Scope of Training identifies areas that must be covered during the delivery of this unit. This is the minimum that is expected but tutors are expected to include other areas, knowledge of which will benefit their learners, based on location, types of work available and from the tutors own professional experience.

**Assessment:**

The Assessment Workbook is available from NOCN.

	Requirements		
<b>Documentation and sources of information</b>	Current legislation relating to health and safety Job specification	Risk assessments Manufacturer's guidance Method statements	
<b>Drawings</b>	2D and 3D drawings		
<b>Common scales</b>	To include: 1:1, 1:2, 1:5, 1:10, 1:20		
<b>Tools</b>	Splash brushes Sealant brushes Strike-off laths Small tools Busks Files	Tin snips Coping saw Tenon saw Hammer Screwdrivers Running rules	Gauging trowel Scrapers Scissors Building square Chalk line Spirit level
<b>Equipment</b>	Work bench Mixing bowl	Metal supports (including adjustable steel props)	

	Timber bearers Brushes Moulds Drill	Waste sacks Fixing equipment Access equipment
<b>Materials</b>	Clean water Firstings and seconds Plaster for running Plaster for moulding Plaster for casting Timber Sealants	Shellac Zinc Nails Canvas Wire Wads Release agents Retarders
<b>Personal protective equipment</b>	Steel toe-capped boots Gloves Goggles Hard hat	High-visibility clothing Respiratory protection Hearing protection
<b>Collective protective equipment</b>	Signage Barriers Sheeting	
<b>Hazards</b>	Slips, trips and falls Working at height Confined spaces Cuts and abrasions Dermatitis	Manual handling Hazardous substances Fire Electrical hazards
<b>Methods</b>	Plain reverse moulds Loose piece moulds Muffling Running Mixing	Pouring Forming Jointing (rebated, square, lapped) Fixing
<b>Components</b>	Cornice Dado Panel mouldings Plain-face slab	Arches Skirting Ornamental or decorative plasterwork