



## **National Occupational Standards**

<b>Sector</b>	Building & Construction
<b>Job Family</b>	Plastering
<b>Job Title</b>	Assistant Plasterer
<b>MQF</b>	Level 2

### **Mandatory Competences**

<b>APL: 201</b>	Apply Occupational Health and Safety and Working Practices
<b>APL: 202</b>	Identify Systems, Equipment and Components
<b>APL: 203</b>	Calculating, Positioning and Drawing
<b>APL: 204</b>	Identifying and Applying Systems, Equipment and Components

## **APL: 201**

### **Apply Occupational Health and Safety and Working Practices**

<b>Description of Unit</b>	<p>This unit is about being able to use safe procedures and safe work practices. The persons carrying out this work must possess the necessary knowledge and skills to ensure that their actions do not create health and safety risks to others, identify risks and hazards associated with the working environment, tools and equipment and materials and substances used.</p>
<b>Performance Criteria</b>	<p>The candidate must have the necessary knowledge and skills to:</p> <ol style="list-style-type: none"><li>1. Carry out safe working practices to prevent hazards and to ensure the safety of workers and members of the public.</li><li>2. Carry out safe working practices using appropriate equipment and materials to prevent damages to work areas.</li><li>3. Carry out the safe erection, use and dismantling of simple scaffold platforms less than 2m high.</li><li>4. Set up safety barriers around a work environment hazard to protect workers and members of the public.</li><li>5. Use protective clothing and safety equipment to accomplish tasks.</li><li>6. Use and store materials hazardous to health in a safe manner.</li></ol>

**Required  
Knowledge**

1. Understands the roles and responsibilities of themselves and others under the Health and Safety Act.
2. Describe Legal notice 281 of 2004 main scope and individual legal responsibilities
3. Work according to health and safety regulations and other relevant regulations that might apply to particular working site
4. Knows the health and safety risks associated with their role which include tools, materials and equipment used and working practices and procedures.
5. Recognises potential hazardous material at the workplace.
6. Understands the procedures for dealing with potential hazardous material in the place of work.
7. Understands health concerns associated with the workplace and safe practices when carrying out work.
8. Seeks expert assistance when help is needed.
9. Acknowledges hazards and potential hazards at the place of work (such as electricity, slippery and uneven surfaces, dust and fumes, handling and transporting, contaminants and irritants, fire, heights, improper use of tools and equipment).
10. Understands the importance of being alert to the presence of hazards in the place of work.
11. Knows the responsible persons to whom to report health and safety matters.
12. Knows the emergency procedures in the place of work.
13. Knows the first aid facilities that exist within the work area.
14. Understands the use of barriers and warning signs.
15. Knows and understands the method used to protect work areas from damage due to portable heating equipment.
16. Understands and explains how to safely use scaffold platforms.

<p><b>Required Knowledge</b></p>	<ol style="list-style-type: none"> <li>17. Understands the necessary safety precautions including the use of protective clothing and equipment for a range of applications.</li> <li>18. Knows and understands the methods used for protecting customers' property.</li> <li>19. Describe any toxic effect of materials used.</li> <li>20. Describe working at height and fall protection precautions.</li> <li>21. Describe safety requirements concerning stairways and ladders.</li> <li>22. Describe safety precautions when using scaffold and elevated platforms.</li> <li>23. Describe necessary safety precautions when handling materials with cranes.</li> <li>24. Describe electrical hazards and precautions common at construction/ work sites.</li> <li>25. Describe good practices and important limitations in manual handling.</li> </ol>
<p><b>Required Skills</b></p>	<ol style="list-style-type: none"> <li>1. Identifies which health and safety procedures are relevant to the working environment.</li> <li>2. Complies with duties and obligations as defined by the Occupational Health and Safety Act 2000.</li> <li>3. Follows workplace policies and employers instructions for the safe use and to maintain in good working condition tools and equipment.</li> <li>4. Controls health and safety hazards within their capability and job responsibility.</li> <li>5. Reports any hazards which may present risk to relevant persons.</li> <li>6. Follows correct procedures in the event of injuries to themselves or others.</li> <li>7. Takes remedial action where work methods are not in line with control measures resulting from relevant risk assessment.</li> </ol>

**Required Skills**

8. Adheres to work production and installation processes as officially instructed by the employer.
9. Carry out the safe erection, use and dismantling of simple system scaffold platforms less than 2m high.
10. Complies with warning signs and sets up safety barriers around working area.
11. Equips oneself with the appropriate protective clothing and safety equipment for specific tasks.

## APL: 202

### Identify Systems, Equipment and Components

<b>Description of Unit</b>	<p>This unit is about applying the necessary preparations prior to work being conducted. This unit is also about identifying the different materials used for both installation and service and maintenance work.</p>
<b>Performance Criteria</b>	<p>The candidate must have the necessary knowledge and skills to:</p> <ol style="list-style-type: none"> <li>1. Identify tools required for the execution of specific tasks.</li> <li>2. Identify materials need to execute the tasks provided.</li> <li>3. Understand the correct work process.</li> <li>4. Ensure appropriate safety practices are implemented.</li> </ol>
<b>Required Knowledge</b>	<ol style="list-style-type: none"> <li>1. Knows and understands the range of materials, products and procedures applicable to the relevant work and their benefits.</li> <li>2. Knows and understands the basic functions of plastering.</li> <li>3. Knows and understands the basic functions and types of plastering.</li> <li>4. Describe materials and common tools used for plastering.</li> <li>5. Defines and understands the basic properties of natural, crushed rock, manufactured, lightweight, dense aggregates.</li> <li>6. Defines and understands the basic properties of cement ordinary, rapid hardening, high alumina.</li> <li>7. Describe when to use plaster mixes with fine hard wearing rock fragments (granolithic mix).</li> <li>8. States the basic properties of fixings including masonry, concrete and timber.</li> <li>9. Describe acceptable methods to avoid wastes and how to carry out disposal of waste.</li> </ol>

**Required Skills**

1. Identifies the relevant materials required for the required job.
2. Confirms that all materials, tools and equipment necessary for the installation process are available as required.
3. Confirms that all material, tools and equipment are fit for their intended purpose.
4. Distinguishes between the different types of materials.
5. Identifies and selects various fixings from given specifications.
6. Use access equipment safely.
7. Calculate simple length and areas.
8. Carry out safe work practices to prepare background surfaces for plastering.

## APL: 203

### Calculating, Positioning and Drawing

<b>Description of Unit</b>	This unit is about understanding and applying dimensions from drawings and calculating quantities in the preparation, costing and estimation.
<b>Performance Criteria</b>	<p>The candidate must have the necessary knowledge and skills to:</p> <ol style="list-style-type: none"> <li>1. Read calculations according to the tasks provided.</li> <li>2. Read measurements correctly.</li> <li>3. Adapt correct methodologies.</li> </ol>
<b>Required Knowledge</b>	<ol style="list-style-type: none"> <li>1. Comprehends calculations.</li> <li>2. Comprehends compilations of overall linear dimensions from drawings.</li> <li>3. Comprehends calculations involving quantities and costs of materials.</li> </ol>
<b>Required Skills</b>	<ol style="list-style-type: none"> <li>1. Assist to translate drawings of linear and rectangular structures to accurate dimensions.</li> <li>2. Calculates the quantity and cost of materials needed from actual measurements.</li> <li>3. Interpret simplified working instruction from drawings, specifications.</li> </ol>

## APL: 204

### Identifying and Applying Systems, Equipment and Components

<b>Description of Unit</b>	This Unit is about selecting and using hand tools in a correct and safe manner.
<b>Performance Criteria</b>	<p>The candidate must have the appropriate knowledge and skills to:</p> <ol style="list-style-type: none"> <li>1. Identify tools required for the execution of tasks.</li> <li>2. Identify correct work processes.</li> <li>3. Handle appropriate tools necessary.</li> <li>4. Prepare material for execution of tasks.</li> </ol>
<b>Required Knowledge</b>	<ol style="list-style-type: none"> <li>1. Names tiling equipment.</li> <li>2. Explains how to use and maintain equipment.</li> <li>3. Understands manufacturers' instructions and the use of the various types of equipment.</li> <li>4. Identifies and understands the range of floor, wall and ceiling building materials used in domestic buildings.</li> <li>5. Follow instruction to protect work against damage from general workplace activities, and weather conditions.</li> <li>6. Follow working site security procedures.</li> <li>7. Install expanded metal lath (EML).</li> <li>8. Check the effectiveness of natural and forced ventilation of internal work spaces.</li> <li>9. Knowledge about the importance of the DPC.</li> </ol>

**Required Skills**

1. Confirms that materials, tools and equipment required are fit for their intended purpose.
2. Use and maintain in good working condition hand tools, portable power tools and ancillary equipment.
3. Prepare brick, stone or concrete surfaces to receive solid plastering by removing any loose or semi-loose material or any unwanted obstructions.
4. Use appropriately common lifting aids and equipment.
5. Move, handle and store appropriately materials, tools and other resource.
6. Prepare and mix by hand and mixer, to given working instructions, solid backing or finishing plasters.
7. Identifies, use, clean and store portable power tools.
8. Follow instruction to handle and store supplied resources such as plasters, cements, limes, sand, additives, waterproofing agents, bonding/ priming agents.
9. Mix to specified proportions plastering material.
10. Remove defective plaster/ render work.