

<b>Domain</b>	<b>BRICKLAYING</b>	<b>Unit ID: 17</b>
<b>Title:</b>	<b>Perform basic plastering and rendering</b>	
<b>Level: 2</b>		<b>Credits: 4</b>

### Purpose

This unit standard specifies the competencies required to float, render and finish straight and flat walls. This includes the planning and preparation for the work, the preparation of background surface, the application of floating and rendering to straight walls and flat surfaces, the finishing of the rendering coats and the post work clean-up activities. This unit standard is intended for those who work as bricklayers and plasterers.

### Special Notes

1. Entry information

Prerequisite:

- Unit 3 - *Apply safety rules and regulations in bricklaying operations* or demonstrated equivalent knowledge and skills.

2. To demonstrate competence, at a minimum, requires evidence of the floating, rendering and finishing to specification of a minimum of three surfaces including a straight wall and flat surfaces. In performing these tasks ensure correct identification of requirements and finishing of the tasks, correct selection and use of appropriate processes, tools and equipment and completing all work to specification.
3. Assessment evidence may be collected from a real workplace or simulated real workplace or an appropriate simulated realistic environment in which bricklaying operations are carried out.
4. All inspection, operation and maintenance procedures associated with the use of tools and equipment shall comply with manufacturers' guidelines and instructions.
5. '*Specifications*' refers to any, or all of the following manufacturers' specifications and recommendations, site and workplace specific requirements.
6. Regulations and legislation relevant to this unit standard include the following:
  - Labour Act No. 6 of 1992
  - Occupational Health and Safety Regulations No.18 1997 and all subsequent amendments.

### Quality Assurance Requirements

This unit standard and others within this subfield may be awarded by institutions which meet the accreditation requirements set by the Namibia Qualifications Authority and the Namibia Training Authority and which comply with the national assessment and moderation requirements. Details of specific accreditation requirements and the national assessment arrangements are available from the Namibia Qualifications Authority and the Namibia Training Authority on [www.nta.com.na](http://www.nta.com.na)

## **Elements and Performance Criteria**

### **Element 1: Plan and prepare for work**

#### **Range**

Planning and preparation is to include, but is not limited to worksite inspection, equipment defect identification, assessment of conditions and hazards and determination of work requirements.

Solid plastering materials and components are to include corner beads, casing beads, render and setting coats mix composition (including additives, like plasticisers, colour and waterproofing agents), sand, lime, lime putty, plaster compounds and finish coats. Other materials may include flat marine ply, timber as selected and nails as selected.

#### **Performance Criteria**

- 1.1 Work instructions, including plans, specifications, quality requirements and operational details are obtained, confirmed and applied.
- 1.2 Safety requirements are followed in accordance with safety plans and policies.
- 1.3 Sign and barricade requirements are identified and implemented.
- 1.4 Plant, tools and equipment selected to carry out tasks that are consistent with the requirements of the job, checked for serviceability and any faults are rectified or reported prior to commencement.
- 1.5 Material quantity requirements are calculated in accordance with plans and/or specifications.
- 1.6 Materials appropriate to the work application are identified, obtained, prepared, safely handled and located ready for use.
- 1.7 Environmental protection requirements for the project are identified and applied in line with environmental plans and regulatory obligations.

### **Element 2: Prepare background surface**

#### **Range**

Background surfaces may include concrete, concrete block work, brickwork, stonework, timber or wire mesh.

Cleaning and preparation of background surfaces are to include wire brushing, grinding and washing down.

Wash coating may be applied using trowel or brush.

Bond coating may be applied using roller or brush.

Evidence of the preparation and cleaning of three different background surfaces is required for assessment purposes.

### **Performance Criteria**

- 2.1 Background surface is identified and prepared.
- 2.2 Dash coat is mixed and applied as required.
- 2.3 Bonding coats are applied to specifications.

### **Element 3: Apply one coat plastering and rendering**

#### **Range**

Rendering and finishing are to include straight walls and flat surfaces.

### **Performance Criteria**

- 3.1 Screed lines or guides are established.
- 3.2 Plastering and rendering is applied and ruled off to screed.
- 3.3 Surface is checked for plumb and level.

### **Element 4: Apply two coat plastering and rendering**

#### **Performance Criteria**

- 4.1 Screed line or guide is established.
- 4.2 First coat of plastering and rendering is applied and ruled to screed.
- 4.3 First coat is scrapped and cleaned for second coat.
- 4.5 Second coat is applied and ruled to screed.

### **Element 5: Clean up**

#### **Performance Criteria**

- 5.1 Work area is cleared and materials disposed of, reused or recycled in accordance with legislation/regulations and job specification.
- 5.2 Plant, tools and equipment are cleaned, checked, maintained and stored in accordance with manufacturers' recommendations and standard work practices.

## **Registration Data**

<b>Subfield:</b>	General Construction
<b>Date first registered:</b>	28 September 2006
<b>Date this version registered:</b>	28 September 2006
<b>Anticipated review:</b>	2010
<b>Body responsible for review:</b>	Namibia Training Authority