

<b>Domain</b>	<b>BRICKLAYING</b>	<b>Unit ID: 35</b>
<b>Title:</b>	<b>Apply advanced plastering and rendering techniques</b>	
<b>Level: 4</b>		<b>Credits: 8</b>

### Purpose

This unit standard specifies the competencies required to apply advanced plastering and rendering techniques. It includes the planning and preparation for the work, plastering and rendering of curved surfaces, the application of textured plaster and render finishes, the plastering and rendering of arches and the plastering and rendering of corbelled walls. 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. 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.
3. All inspection, operation and maintenance procedures associated with the use of tools and equipment shall comply with manufacturers' guidelines and instructions.
4. '*Specifications*' refers to any, or all of the following: manufacturers' specifications and/or recommendations, site and/or workplace specific requirements.
5. Regulations and legislation relevant to this unit standard include the following:
  - Labour Act No 6, 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.

Rendering/plastering materials and components are to include render and setting coats mix composition (including additives, like plasticizers, color and waterproofing agents), sand, lime, lime putty, plaster compounds and finish coats.

#### **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 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: Plaster and render curved surfaces**

#### **Range**

Curved surfaces include curved walls and circular columns.

#### **Performance Criteria**

- 2.1 Templates for curved work are prepared.
- 2.2 Background surface is prepared.
- 2.3 Screeding lines or guides are established.
- 2.4 Plaster/render coats are applied to curved surfaces.
- 2.5 Plastering/rendering coats on curved surfaces are finished.

### **Element 3: Apply textured plaster and render finishes**

#### **Range**

Textured finishes include dry dash, wet dash, bagged, Spanish swirl, stucco, staggered trowel, comb finishes, smooth, tyrololean. Evidence of the application of two is required for assessment purposes.

#### **Performance Criteria**

- 3.1 Background surface is prepared.
- 3.2 Textured finish is applied.

### **Element 4: Plaster and render arches**

#### **Range**

Evidence of the plastering and rendering of one arch is required for assessment purposes.

#### **Performance Criteria**

- 4.1 Background surface is prepared.
- 4.2 Screeding lines or guides are established.
- 4.3 Plaster/render coat is applied to arch.
- 4.4 Plastering/rendering coats on arches are finished.

### **Element 5: Plaster and render corbelled walls**

#### **Range**

Evidence of the plastering and rendering of one corbelled wall is required for assessment purposes.

#### **Performance Criteria**

- 5.1 Background surface is prepared.
- 5.2 Screeding lines or guides are established.
- 5.3 Plaster/render coat is applied to corbelled wall.
- 5.4 Plastering/rendering coats on corbelled walls are finished.

## **Element 6: Clean up**

### **Performance Criteria**

- 6.1 Work area is cleared and materials disposed of, reused or recycled in accordance with legislation/regulations and job specification.
- 6.2 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