

<b>Domain</b>	<b>BRICKLAYING</b>	<b>Unit ID: 3</b>
<b>Title:</b>	<b>Apply safety rules and regulations in bricklaying operations</b>	
<b>Level: 1</b>		<b>Credits: 2</b>

### Purpose

This unit standard specifies the competencies required to work safely on a bricklaying worksite, adhering to safety policies and procedures. It includes emergency procedures and basic risk assessment. This unit standard is intended for those who work as bricklayers and plasterers.

### Special Notes

1. This unit standard is to be delivered and assessed in the context of bricklaying operations and should be assessed in conjunction with other relevant technical unit standards selected from this domain.
2. Assessment evidence may be collected from a real workplace or a simulated real workplace or an appropriate simulated realistic environment in which bricklaying operations are carried out.
3. Safe working practices are to include day to day observation of safety policies and procedures, risk assessment, emergency procedures and use of basic fire fighting equipment.
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, 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.

#### **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 adhered to.
- 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 are identified for the project in accordance with environmental plans and regulatory obligations and applied.

### **Element 2: Follow safe work procedures**

#### **Range**

Personal protective equipment is to include but is not limited to overalls, steel capped boots, high visibility vest, jacket, gloves, safety glasses or goggles, hard hat, cap, dust mask or respirator, ear muffs or plugs.

Signs are to include but are not limited to hazard identification, facility or location signs, site safety, directional, traffic and warning signs and symbols.

#### **Performance Criteria**

- 2.1 Tasks are performed in a safe manner and in accordance with legislative requirements, enterprise policies and procedures.
- 2.2 Organisation of duties, tools, equipment and materials are performed in accordance with enterprise procedures.
- 2.3 Personal protective equipment and clothing is worn, used and stored according to enterprise procedures.

- 2.4 Plant and equipment guards are used in accordance with manufacturers' specifications and regulations.
- 2.5 Safety signs and symbols are identified and followed.

### **Element 3: Assess risks**

#### **Range**

Hazards may include but are not limited to chemical spills, gases, liquids under pressure, moving machinery and equipment, hazardous materials, work at heights, work in confined spaces, high temperatures, noise, dust, vapours, fires, protrusions, sharp equipment, overhanging beams and traffic. Evidence of the assessment of three risks is required for assessment purposes.

#### **Performance Criteria**

- 3.1 Hazards in the work area are identified, assessed and reported to designated persons.
- 3.2 Safety issues and risks in the work area are identified, assessed and reported to designated persons.
- 3.3 Safe workplace procedures and safe work instructions are followed for controlling risks.
- 3.4 Safety, hazard, accident or incident reports are contributed to according to workplace procedures and relevant legislation.

### **Element 4: Follow emergency procedures**

#### **Range**

Appropriate personnel to be contacted in case of an emergency, accident, fire or to report a risk are designated safety officers, determined by the enterprise, who have undertaken specific safety response training, supervisors, managers or other senior personnel.

Emergency procedures are to include but may not be limited to extinguishing fires, organisational first aid requirements and evacuation.

Types of fire may include but are not limited to, electrical, chemical, gas, mechanical, paper, wood or natural fire.

Fire equipment may include fire truck, fire reel, fire hydrant and hoses, fire extinguishers and manual fire fighting instruments.

#### **Performance Criteria**

- 4.1 Appropriate personnel are identified in the event of an emergency.
- 4.2 Safe workplace procedures for dealing with accidents, fires and emergencies are followed within scope of responsibilities.

- 4.3 Emergency and evacuation procedures are practiced and carried out when required.

### **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