

Domain

**JOINERY AND CABINET MAKING**

Title:

**Set out and manufacture doors and door frames**

Level: 2

Credits: 9

**Purpose**

This unit standard specifies the competencies required to set out and manufacture doors and door frames. This includes reading and interpreting different designs and drawings of doors and door frames, setting out doors and doorframes according to drawings, preparing timber for manufacturing doors and door frames, assembling components of timber doors and door frames, and finishing timber doors and door frames.

This unit standard is intended for those who work as joiners and cabinet makers.

**Special Notes**

1. Entry information:

Prerequisite:

- 1157-*Demonstrate basic knowledge of workplace health and safety* or demonstrated equivalent knowledge and skills.

2. To demonstrate competence, at a minimum, evidence is required of the manufacturing of exterior timber doors and door frames.

3. Materials to be used may include but are not limited to kiaat (teak) and meranti.

4. Assessment evidence may be collected from a real, or simulated workplace in which joinery and cabinet making operations are carried out.

5. All inspection, operation and maintenance procedures associated with the use of tools and equipment shall comply with manufacturers' and company guidelines, instructions, and reasonable flat rate time.

6. Regulations and legislation relevant to this unit standard include the following:

- Labour Act No 11, 2007 as amended;
- SABS 0400, NOSA, Local Authorities Act;
- 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 on [www.namqa.org](http://www.namqa.org) and the Namibia Training Authority on [www.nta.com.na](http://www.nta.com.na).

## **Elements and Performance Criteria**

### **Element 1: Read and interpret different designs and drawings of doors and door frames**

#### **Performance criteria**

- 1.1 Shapes and designs are identified using standard reference materials.
- 1.2 Drawings are identified using standard reference materials.
- 1.3 Drawings are read and interpreted.

### **Element 2: Set out doors and doorframes according to drawings**

- 2.1 Drawing specifications are identified and explained.
- 2.2 Scale conversions and applications are explained and demonstrated.
- 2.3 Tools for setting out are selected.
- 2.4 Doors and doorframes are set out according to drawing specifications.

### **Element 3: Prepare timber for manufacturing doors and door frames**

#### **Range**

Mouldings refer to rebates, chamfer, grooves, tongue and grooves.

#### **Performance criteria**

- 3.1 Cutting list is prepared in line with specifications.
- 3.2 Timber is selected taking into account grain size, texture and absence of defects.
- 3.3 Timber are measured, marked, cut and planned to size.
- 3.4 Mouldings are prepared according to specifications.
- 3.5 Joints are made according to specifications.

- 3.6 Personal protective equipment is identified and used in line with workplace requirements.

**Element 4: Assemble components of timber doors and door frames**

**Performance criteria**

- 4.1 Components are pre-fitted and faults rectified.  
4.2 Components are assembled to specifications.  
4.3 Fittings are applied according to specifications.

**Element 5: Finish timber doors and door frames**

**Performance criteria**

- 5.1 Finishing materials are identified.  
5.2 Finishing methods are identified and selected in line with workplace procedures.  
5.3 Finishing methods are applied in line with workplace procedures.

**Registration Data**

<b>Subfield:</b>	Manufacturing
<b>Date first registered:</b>	15 November 2007
<b>Date this version registered:</b>	28 March 2018
<b>Anticipated review:</b>	2023
<b>Body responsible for review:</b>	Namibia Training Authority