

Domain

**JOINERY AND CABINET MAKING**

Title:

**Set out and manufacture timber furniture**

Level: 4

Credits: 7

**Purpose**

This unit standard specifies the competencies required to set out and manufacture timber furniture. This includes identifying and selecting furniture designs, preparing templates for furniture, planning and preparing materials for manufacturing, assembling furniture components, performing finishing.

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 manufacture furniture.

3. Furniture may include but not limited to chairs, couches, laminated balloon back, bent wood, lathed work, upholstery and lazy boy, dining tables, side table and coffee tables.

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

5. Tools, equipment and machines to be used may include but not limited to: handtools, circular saw, surface planner, thickness planer, spindle moulder, dowel machine, dust extractor, press, radial arm saw, chain mortiser.

6. Materials to be used may include but not limited to solid timber, laminated wood, plywood, pressed board, upholstery material, screws, dowels, fixing plates and bolts.

7. 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.

8. '*Complex*' refers to complicated set up of timber chairs, tables and couches.

9. 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: Identify and select furniture designs**

#### **Performance criteria**

- 1.1 Designs are selected for different applications and the reasons for selection are explained to clients.
- 1.2 Shapes and designs for timber furniture are recognised, selected for given applications and explained to client.

### **Element 2: Prepare templates for furniture**

#### **Performance criteria**

- 2.1 Templates are selected and produced in line with specifications.
- 2.2 Templates are used in the manufacturing process in line with specifications.

### **Element 3: Plan and prepare materials for manufacturing**

#### **Performance criteria**

- 3.1 Cutting list is prepared in line with workplace procedures.
- 3.2 Materials are marked off, cut and planed to size.
- 3.3 Mouldings are prepared in line with specifications.
- 3.4 Different joints are made in line with specifications.

### **Element 4: Assemble furniture components**

#### **Performance criteria**

- 4.1 Components are assembled to specifications.

4.2 Fittings are conducted in line with specifications.

**Element 5: Perform finishing**

**Performance criteria**

5.1 Finishing methods and products are identified.

5.2 Finishing is conducted in line with specifications.

**Registration Data**

<b>Subfield:</b>	Manufacturing
<b>Date first registered:</b>	15 November 2007
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<b>Body responsible for review:</b>	Namibia Training Authority