

Domain**JOINERY AND CABINET MAKING****Title:****Construct and install built-in furniture****Level: 2****Credits: 8****Purpose**

This unit standard specifies the competencies required to construct and install built-in furniture. This includes selecting built-in furniture designs for construction and installation, reading and interpreting plans and drawings of built-in furniture and installation areas, preparing for construction and installation of built-in furniture, and completing construction and installation of built-in furniture.

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 constructing and installing built-in furniture.

3. Built-in furniture may include but is not limited to kitchen units, wardrobes, bar counters, bookshelves, linen cupboards, bathroom cupboards, laundry cupboards, display cupboards, TV units, dressing tables, entertainment units and counters.

4. Materials may include but are not limited to timber, melamine, chipboard, adhesives, supa wood, solid timber, granite, marble, post formed tops, surino tops, melamine and pvc edging, screws and nails, fixatives, adhesives, fixtures and finishes.

5. Tools and equipment may include but are not limited to: table saws, planer and thicknesser, jigsaw, drilling machine, mallets, plumb bobs, power drills, cordless drills, bevellers, biscuit jointer, spirit level, straight edge, squares, screw drivers, hammers, ladder, braces and scaffolding.

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

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. 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 and the Namibia Training Authority on www.nta.com.na.

Elements and Performance Criteria

Element 1: Select built-in furniture designs for construction and installation

Performance criteria

- 1.1 Types of built-in furniture designs are identified and explained according to their functions.
- 1.2 Built-in furniture specifications in construction sketches, plans and drawings are identified.

Element 2: Read and interpret plans and drawings of built-in furniture and installation areas

Range

Legend refers to information on the drawing.

Performance criteria

- 2.1 Dimensions for projects and locations are identified from plans and drawings.
- 2.2 Scales are interpreted.
- 2.3 Abbreviations and symbols are interpreted.
- 2.4 Legend is located on plans and drawings.

Element 3: Prepare for construction and installation of built-in furniture

Performance criteria

- 3.1 Work instructions are used to determine job requirements, including location, type of installation, tolerances, process, finish and quality.

- 3.2 Procedures are implemented for checking quality at each stage of the process.
- 3.3 Specified hardware, fittings and attachments are collected and assembled according to specifications.
- 3.4 Tools and equipment suitable for installation are identified.
- 3.5 Full and sectional template drawings are prepared according to specifications.
- 3.6 Cutting list is prepared according to specifications.
- 3.7 Joints, fixing and joining devices are selected.

Element 4: Complete construction and installation of built-in furniture

Performance criteria

- 4.1 Site is secured and prepared for installation in line with workplace procedures.
- 4.2 Cutting and edging of material is done according to specifications.
- 4.3 Components are assembled according to specifications.
- 4.4 Finishing products are prepared to site requirements.
- 4.5 Fixing methods are undertaken according to site conditions.
- 4.6 Installed furniture product is checked for compliance with specifications in line with workplace procedures.
- 4.7 Hardware and decorative accessories including cover strips and silicon skirting are attached and installed in line with specifications.
- 4.8 Work is finished off and checked against required quality standards.

Registration Data

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