

Domain

CARPENTRY

Title:

Install complex doors and door frames

Level: 3

Credits: 6

### Purpose

This unit standard specifies the competencies required to install complex doors and door frames. It includes planning and preparing for work, identifying different types of complex doors and door frames, preparing door opening and installing complex doors and door frames.

This unit standard is intended for those who work as carpenters.

### 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, evidence is required of installing sliding, folding, louvre and sliding folding door frames and doors.

3. Assessment evidence may be collected from a real workplace, or simulated real workplace in which carpentry operations are carried out.

4. Tools and equipment may include but are not limited to concrete drilling machine, electric drilling machine, electric planer, wall anchors, hammers, set of chisels, set of screw drivers and spirit level.

5. Glossary of terms:

- '*Specifications*' refers to manufacturer's specifications and recommendations and workplace specific requirements.
- '*Complex*' refers to complicated set up or function of doors and door frames.

6. 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.

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

- Labour Act, No. 11, 2007 as amended;
- Public and Environmental Health Act No 1, 2015;
- 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: Plan and prepare for work**

#### **Range**

Planning and preparation include but are not limited to worksite inspection, equipment and materials defects identification, assessment of conditions and hazards and determination of work requirements.

Safe working practices to include the identification, selection and wearing of personal protective clothing, reading and interpretation of safety signs and symbols used in the construction industry; complying with health and safety instructions on product labeling and the safe use, maintenance and storage of all tools.

#### **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 policies.
- 1.3 Sign and barricade requirements are identified and implemented.
- 1.4 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 of work.
- 1.5 Material quantity requirements are calculated in accordance with plans and 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 and applied in accordance with environmental plans and regulatory obligations.

### **Element 2: Identify different types of complex doors and door frames**

#### **Performance criteria**

- 2.1 Types of complex doors and their applications are identified and explained.
- 2.2 Types of complex doors are selected for different applications.

### **Element 3: Prepare door opening and install complex doors and door frames**

#### **Range**

Installation of complex doors and door frames includes the installation of handles, hinges, locks, bolts, fisher plugs and screws.

#### **Performance criteria**

- 3.1 Door frame opening size is checked and prepared for installation.
- 3.2 Door frame is positioned in place ensuring that it is level and plumb.
- 3.3 Installation of the different doors and door frames is conducted according to standard procedures and specifications.
- 3.4 Inspection is conducted against specifications.

#### **Registration Data**

<b>Subfield:</b>	General Construction
<b>Date first registered:</b>	08 June 2016
<b>Date this version registered:</b>	08 June 2016
<b>Anticipated review:</b>	2021
<b>Body responsible for review:</b>	Namibia Training Authority