

Domain
Title:
Level: 1

CARPENTRY
Use machines in basic operations

Unit ID: 1573

Credits: 4

Purpose

This unit standard specifies the competencies required to use machines in basic operations. It includes identifying and explaining their uses of machines, parts and accessories and performing tasks using different machines.

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. This unit standard is to be delivered and assessed in the context of carpentry operations and should be assessed in conjunction with other relevant technical unit standards selected from this domain.

3. To demonstrate competence, at a minimum, evidence is required of the correct use of machines.

4. Assessment evidence may be collected from a real workplace or simulated workplace in which carpentry operations is carried out.

5. All inspection, operation and maintenance procedures associated with the use of tools shall comply with manufacturers' guidelines and instructions.

6. Machines may include but are not limited to press drill, saws, planes, mortiser and sanders.

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

- Labour Act No 11, 2007 as amended;
- 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: Identify and explain their uses of machines, parts and accessories

Performance criteria

- 1.1 Machines used are identified.
- 1.2 Parts of machines are identified.
- 1.3 Accessories of machines are identified.
- 1.4 Functions and limitations of machines, parts and accessories are explained.

Element 2: Perform tasks using different machines

Performance criteria

- 2.1 Safety requirements for specific machines are identified and applied in line with workplace procedures.
- 2.2 Machines are selected consistent with job requirements.
- 2.3 Methods of operation of machines are explained from specifications and manufacturers' instructions.
- 2.4 Personal protective equipment required for the operation of machines is identified and used in accordance with regulatory and workplace requirements.
- 2.5 Lock-out procedure of machines is applied in line with workplace procedures.
- 2.6 Machines are used safely and effectively in line with manufacturers' recommendations and workplace procedures.

Registration Data

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