

Domain	CARPENTRY	Unit ID: 1572
Title:	Use and maintain portable power tools and equipment	
Level: 1		Credits: 4

Purpose

This unit standard specifies the competencies required to use and maintain portable power tools and equipment. It includes identifying and selecting portable power tools and equipment, performing tasks using different portable power tools and equipment, maintaining and storing portable power tools and equipment.

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 and maintenance of portable power tools and equipment.
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 and equipment shall comply with manufacturers' and company guidelines, instructions, and reasonable flat rate time.
6. Portable power tools and equipment may include but not limited to the following:
 - Electric tools: drill, saws, router, biscuit jointer, planers, sanders, nail gun, staple gun.
 - Mechanical or fuel driven power tools and equipment: generator, chain saws, compressor and circular saws.
 - Pneumatic power tools: nail gun, spray gun, drill, staple gun.
 - Power supply may include electrical and/or compressed air.
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 select portable power tools and equipment

Performance criteria

- 1.1 Different types of portable power tools and equipment are identified.
- 1.2 Functions and limitations of portable power tools, and equipment and accessories to be used are identified.
- 1.3 Portable power tools are selected consistent with job requirements.

Element 2: Perform tasks using different portable power tools and equipment

Performance criteria

- 2.1 Start up and shut down procedures of portable power tools and equipment are explained.
- 2.2 Safety requirements for specific portable power tools and equipment are explained.
- 2.3 Personal protective equipment and personal protective attires required for operating of portable power tools and equipment are identified.
- 2.4 Uses of portable power tools and equipment are demonstrated.

Element 3: Maintain and store portable power tools and equipment

Performance criteria

- 3.1 Portable power tools and equipment are checked for faults and serviceability in line with workplace procedures.
- 3.2 Unsafe and faulty portable power tools and equipment are identified and marked for repaired in line with workplace procedures.

- 3.3 Portable power tools and equipment are stored in line with workplace procedures and manufacturers' recommendations.

Registration Data

Subfield:	General Construction
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