

Domain
Title:
Level: 1

CARPENTRY
Install finished products

Unit ID: 1577

Credits: 4

Purpose

This unit standard specifies the competencies required to installation of finished products. It includes planning and preparing for work, identifying installing point, set up and establishing levels use levelling devices, installing finished products, completing work and cleaning up work area.

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 installing one wall unit and two sets of wall mounted cabinets.

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

5. Tools may include but are not limited to saws, mallets, levelling devices, drills, squares, screw drivers and hammers, ruler and tape measure. Levelling devices include but are not limited to spirit level, line level, water/pipe level, straight edge and plumb bob.

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;
- 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: Plan and prepare for work

Range

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

Work instructions may include but not limited to including plans, specifications, quality requirements and operational details

Performance criteria

- 1.1 Work instructions are obtained, confirmed and applied.
- 1.2 Safety requirements are followed in line with safety plans and policies.
- 1.3 Tools and equipment selected to carry out tasks are consistent with the requirements of the job.
- 1.4 Materials appropriate to the work application are obtained, safely handled and located ready for use.
- 1.5 Material quantity requirements are calculated in line with drawing specifications.
- 1.6 Environmental protection requirements are identified and applied in line with environmental plans and regulatory obligations.

Element 2: Identify installation point

Performance criteria

- 2.1 Installation location is determine from drawing and confirmed.
- 2.2 Installation challenges and risks are identified beforehand.
- 2.3 Heights to be transferred are identified from drawings and work instructions.

Element 3: Set up and establish levels use levelling devices

Performance criteria

- 3.1 Heights to be transferred are identified from drawings and instructions.
- 3.2 Levelling device is setup and tested in accordance with manufacturers' instructions.

- 3.3 Levelling device operation is explained.
- 3.4 Heights are transferred to required location and marked.
- 3.5 Levelling procedure is demonstrated.
- 3.6 Final levelling inspection and measurements confirmation in line with site requirements and drawings are demonstrated.

Element 4: Install finished products

Range

Fixing methods may include but not limited to nails, screws, adhesives, bolts and nuts.

Performance criteria

- 4.1 Site is prepared for installation in line with workplace procedures.
- 4.2 Finished products are prepared to site requirements.
- 4.3 Hand and power tools and equipment are used in line with workplace requirements, including use of personal protective equipment.
- 4.4 Fixing methods are undertaken according to site conditions.
- 4.5 Installed finished product is checked for compliance with plumbness and levelness.
- 4.6 Hardware and decorative accessories including cover strips and skirting are attached and installed in line with workplace procedures.

Element 5: Complete work and clean up work area

Performance Criteria

- 5.1 Work is completed and appropriate personnel notified in line with workplace procedures.
- 5.2 Work area is cleared of waste, cleaned, restored and secured in line with workplace procedures.
- 5.3 Tools and equipment are cleaned, checked and maintained in line with workplace procedures.
- 5.4 Work completion details are finalised in line with 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