

Domain
Title:
Level: 4

CARPENTRY
Set out and install wall cladding

Unit ID: 1614

Credits: 6

Purpose

This unit standard specifies the competencies required to set out and install wall cladding. It includes planning and preparing for work, outlining wall cladding process, setting out wall cladding frames, constructing and installing fix frames, installing cladding materials and applying finishing methods to wall cladding.

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, at a minimum, evidence is required of installing wall framing, cladding and perform finishing using required tools.

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

4. Support frame structures may include but are not limited to timber, steel and aluminium.

5. Tools and equipment may include but are not limited to measuring tape or rule, spirit level, chalk line, hammers, chisel, sash clamps, squares, handsaw, hand plane, staple gun, nail gun, nail bag, compressor, sanders, power drills, screwdrivers, scaffolding system and planks.

6. Materials may include but are not limited to timber, soft board, rhino board, plaster board, skirting, architrave, cover strips, partition panels, insulation materials, fibre cement sheeting, base coats, finishing coats, adhesives, wedges, nails, screws and metallic plates.

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

Performance criteria

- 1.1 Work instructions, including plans, specifications, quality requirements and operational details are developed and applied.
- 1.2 Safety requirements are followed in line with safety plans and policies.
- 1.3 Appropriate rigid frame/mobile scaffolding or trestles is erected and planked in line with workplace procedures and safety requirements.
- 1.4 Sign and barricade requirements are identified and implemented.
- 1.5 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.
- 1.6 Material quantity requirements are calculated in line with plans and specifications.
- 1.7 Materials appropriate to the work application are identified, obtained, prepared safely handled and located ready for use.
- 1.8 Environmental protection requirements are identified and applied in line with environmental plans and regulatory obligations.

Element 2: Outline wall cladding process

Performance criteria

- 2.1 Drawings are interpreted according to job specifications.

- 2.2 Site inspection is conducted.
- 2.3 Wall cladding area established as per job requirements.
- 2.4 Building drawings and layout interpret and explained.

Element 3: Set out wall cladding frames

Performance criteria

- 3.1 Frame dimensions are interpreted according to job drawings and in line with specifications.
- 3.2 Levels and measurements for frames are set out as shown on job drawings and explained.

Element 4: Construct and install fix frames

Performance criteria

- 4.1 Drawings and designs of frames are interpreted.
- 4.2 Tools and equipment identified.
- 4.3 Cutting list is prepared in line with specifications of selected products.
- 4.4 Materials are marked, cut and planed to specifications.
- 4.5 Components are assembled and secured in line with specifications.
- 4.6 Frames are inspected for compliance.

Element 5: Install cladding materials

Performance criteria

- 5.1 Material specifications are interpreted.
- 5.2 Materials are marked, cut and planed to specifications.
- 5.3 Cladding materials are fix in line with specifications.
- 5.4 Cladding is inspected for compliance.

Element 6: Apply finishing methods to wall cladding

Performance criteria

- 6.1 Finishing and decorative materials are identified.
- 6.2 Finishing methods are explained.

- 6.3 Tools and equipment required for finishing are identified.
- 6.4 Finishing method is selected in line with job requirements and demonstrated.

Registration Data

Subfield:	General Construction
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