

Unit ID: 26

Domain

BRICKLAYING

Title:

**Install door and window frames as part of
bricklaying operations**

Level: 3

Credits: 4

Purpose

This unit standard specifies the competencies required to plan, prepare, set out and install window and door frames and to replace window and door frames to different types and styles of buildings. It includes timber and metal window and door frames. This unit standard is intended for those who work as bricklayers and plasterers.

Special Notes

1. Entry information

Prerequisite:

- Unit 3 - *Apply safety rules and regulations in bricklaying operations* or demonstrated equivalent knowledge and skills.

2. To demonstrate competence, at a minimum, requires evidence of installing one standard window frame, installing one standard door frame, and replacing one standard door and one standard window frame. Perform these tasks ensuring correct identification of requirements and finishing of the tasks, correct selection and use of appropriate processes, tools and equipment and completing all work to specification.
3. Assessment evidence may be collected from a real workplace or simulated real workplace or an appropriate simulated realistic environment in which bricklaying operations are carried out.
4. All inspection, operation and maintenance procedures associated with the use of construction tools and equipment shall comply with manufacturers' guidelines and instructions.
5. '*Specifications*' refers to any, or all of the following manufacturers' specifications and/or recommendations, site and/or workplace specific requirements.
6. Regulations and legislation relevant to this unit standard include the following:
 - Labour Act No 6, 1992
 - Occupational Health and Safety Regulations No.18, 1997and 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 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 is to include but is not limited to worksite inspection, equipment defect identification, assessment of conditions and hazards and determination of work requirements.

Tools and equipment are to include but are not limited to measuring tapes/rules, hammers, spirit levels, hole saws, spade bits, squares (combination/tri), marking equipment, power drills, hand saws, chisels and straight edges and may include but not be limited to saw stools, power saws, power leads and hoses, spanners and screwdrivers.

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 plans and policies.
- 1.3 Sign and barricade requirements are identified and implemented.
- 1.4 Plant, 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.
- 1.5 Material quantity requirements are calculated in accordance with plans and/or 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 for the project are identified and applied in line with environmental plans and regulatory obligations.

Element 2: Install window frames

Performance Criteria

- 2.1 Window opening size is checked to be greater than overall window frame.
- 2.2 Reveals are joined and fixed securely to frames where specified.
- 2.3 Window frame is located to suit brickwork.
- 2.4 Window frame is positioned in place so that head/sill are level and stiles plumb.
- 2.5 Window is packed and fixed to wall frame.

Element 3: Replace window units and door frames

Performance Criteria

- 3.1 Architraves and nosing are removed.
- 3.2 Sill bricks or cladding are removed where specified.
- 3.3 Fasteners are removed, packing removed and flashing detached from frame.
- 3.4 Window unit/door frame is removed.
- 3.5 Window unit/door frame is installed to plumb, level and winding.
- 3.6 Architraves and mouldings are replaced.

Element 4: Prepare door opening and install door frame

Performance Criteria

- 4.1 Door frame opening size is checked to be greater than the overall door jamb width and height allowing for plumbing of stiles, thickness of floor covering, levelling of door head and level of floor.
- 4.2 Door frame is positioned in place so that the head/sill is level and stiles plumb.
- 4.3 Reveals are joined and fixed securely where specified.

Element 5: Clean up

Performance Criteria

- 5.1 Work area is cleared and materials disposed of, reused or recycled in accordance with legislation, regulations and job specifications.
- 5.2 Plant, tools and equipment are cleaned, checked, maintained and stored in accordance with manufacturers' recommendations and standard work practices.

Registration Data

Subfield:	General Construction
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