

Domain	BRICKLAYING	Unit ID: 14
Title:	Build a straight brick wall	
Level: 2		Credits: 8

Purpose

This unit standard specifies the competencies required to construct a straight brick wall. It includes the planning, preparation, setting out and construction of straight brick walls, squint and return corners. 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 the construction of a wall with dimensions of 1000 mm x 220 mm x 1200mm that includes a return corner and another wall with dimensions of 1000 x 220 mm x 1200mm that includes a squint corner. 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. *Glossary of terms:*
'buttering' means putting mortar on the end of the brick where it butts up against the previous brick.

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

6. *'Specifications'* refers to any, or all of the following: manufacturers' specifications and recommendations, site and workplace specific requirements.

7. Regulations and legislation relevant to this unit standard include the following:
 - Labour Act No 6, 1992
 - 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 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 are not limited to worksite inspection, equipment defect 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 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 adhered to.
- 1.4 Plant, tools and equipment selected to carry out tasks that 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 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: Mix mortar

Performance Criteria

- 2.1 Materials for mortar are selected.
- 2.2 Mortar is mixed to specifications.

Element 3: Build straight wall with a return corner

Performance Criteria

- 3.1 Mortar bed is spread to provide even coverage of brick.
- 3.2 Brick or block is buttered to fully cover the brick.
- 3.3 First course is laid level and to line.

- 3.4 Return corner is built to plumb, level, and gauge.
- 3.5 Bricks or blocks are laid between corners in accordance with specifications.
- 3.6 Pointing is completed.
- 3.7 Wall is built with and without profiles.

Element 4: Build straight wall with a squint corner

Performance Criteria

- 4.1 Mortar bed is spread to provide even coverage of bricks.
- 4.2 Brick or block is buttered to fully cover the brick.
- 4.3 First course is laid level and to line.
- 4.4 Squint corner is built to plumb, level and gauge.
- 4.5 Bricks or blocks are laid between corners or stop ends.
- 4.6 Pointing is completed.
- 4.7 Wall is built with and without profiles.

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 specification.
- 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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