

Domain	BRICKLAYING	Unit ID: 9
Title:	Carry out basic levelling as part of bricklaying operations	
Level: 2		Credits: 4

Purpose

This unit standard specifies the competencies required to carry out simple levelling as part of bricklaying operations. It includes the use of spirit, line and water levels and boning rods, as well as establishing and transferring heights. 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. 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.
3. All inspection, operation and maintenance procedures associated with the use of tools and equipment shall comply with manufacturers' guidelines and instructions.
4. '*Specifications*' refers to any, or all of the following: manufacturers' specifications and recommendations, site and workplace specific requirements.
5. 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 is 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 Level devices and other 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 are identified and applied in line with environmental plans and regulatory obligations.

Element 2: Use levelling devices

Range

Levelling devices include but are not limited to spirit level, line level, water level and boning rods.

Evidence of the use of all listed levelling devices is required for assessment purposes.

Performance Criteria

- 2.1 Levelling devices are tested in accordance with manufacturers' instructions.
- 2.2 Levelling devices are correctly used in accordance with standard operating procedures and manufacturers' guidelines.
- 2.3 Levels and heights are transferred to required location and marked and/or recorded according to job requirements as specified in sketches and drawings.
- 2.4 Results of levelling procedure are documented to organisational requirements.

Element 3: Clean up

Performance Criteria

- 3.1 Work area is cleared and materials disposed of, reused or recycled in accordance with legislation, regulations and job specification.
- 3.2 Levelling devices are cleaned, checked, maintained and stored in accordance with manufacturers' recommendations and standard work practices.

Registration Data

Subfield:	General Construction
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Body responsible for review:	Namibia Training Authority