

Domain Title: Level: 4	BRICKLAYING AND PLASTERING Restore or renovate building structure	Unit ID: 41 Credits: 8
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Purpose

This unit standard specifies the competencies required to undertake the restoration or renovation of building structure. It includes the inspection of structure, the selection of the renovation or restoration method, the demolition of the structure and the renovation/restoration of the structure. This unit standard is intended for those who work as bricklayers and plasterers.

Special Notes

1. Entry information

Prerequisite:

- *Unit 1157- Demonstrate basic knowledge of workplace health and safety or demonstrated equivalent knowledge and skills.*
- *Unit 1 - Plan and organise construction work.*

2. To demonstrate competence, at a minimum, requires evidence of restoring or renovating a building structure. 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 a simulated real workplace in which bricklaying operations are carried out.

4. Glossary of terms

- *'restoration'* means to return a structure to an earlier good condition
- *'renovation'* means to repair and improve a structure.

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:

- Labor Act 2007 (Act no.11, 2007)
- SABS 0400
- NOSA
- Local Authorities Act 23, 1992
- Occupational Health and Safety Regulations under schedule 1(1) of Labour Act No. 11 of 2007 No. 18, 1997
- Government Notice No. 156 Labour Act, 1992: "Regulations Relating to the Health and Safety of Employees at Work"
- Building Regulations and Building Standards Act, 1977 (Act No. 103 of 1977)
- 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: Inspect structure and select renovation/restoration method

Range

Building structures include concrete, brick/ block structures and may include, but are not limited to, straight or curved walls, straight or curved ceilings, chimneys and archways.

Performance Criteria

- 1.1 Proposed renovation/restoration structures are inspected to establish the extent and cost benefit of the proposed renovation/restoration.
- 1.2 Inspection method and criteria are consistent with the purpose of the inspection, client requirements and type of structure.
- 1.3 Extent and type of restoration or renovation required are identified by site examination.

Element 2: Carry out demolition

Performance Criteria

- 2.1 Designated demolition area is assessed to determine scope of work.
- 2.2 Risks are identified and managed.
- 2.3 Preparatory work is completed.
- 2.4 Demolition procedures are carried out consistent with safe and effective processes of dismantling/demolishing and removing materials from location to designated storage area.
- 2.5 Materials and building component parts are safely and effectively handled using appropriate material handling techniques consistent with the type of building materials and components.
- 2.6 Materials and components identified for salvage are safely and effectively handled, stored and stacked ready for transport in accordance with safe material handling practices and techniques.

Element 3: Reconstruct structure

Performance Criteria

- 3.1 Work area requirements are prepared in accordance with specifications and established work procedures.
- 3.2 Construction/ erection and installation of project are implemented in accordance with line, level and plumb.
- 3.3 Construction project is completed to specification and checked for conformity to plans and design specifications.

Element 4: Restore surfaces

Performance Criteria

- 4.1 Materials are selected, mixed and prepared for use.
- 4.2 Damaged surface is restored to original condition or specifications in accordance with plans and specifications.
- 4.3 Finishes are applied to match original surfaces, details and alignment.

Registration Data

Subfield:	Civil and Building Services Engineering
Date first registered:	28 March 2018
Date this version registered:	28 March 2018
Anticipated review:	2023
Body responsible for review:	Namibia Training Authority