

REGISTERED NATIONAL STANDARD

UNIT OF COMPETENCY



Title:	Carry out basic demolition ¹				
TQF Level:	3	Credits:	4	Version:	1
National standard code:	NS144-03				
Associated qualification (and code):	1. National Certificate in Bricklaying and Blocklaying Level 3 QR-03-NQ-028-01-1005-26-01 2. National Certificate in Wall and Floor Tiling Level 4 QR-04-NQ-028-04-1005-26-01				
Approval date:	10 September 2026		Review date:	10 September 2031	
Purpose:	This unit describes the skills and knowledge required to carry out basic demolition work on single-storey buildings and structures using elementary demolition techniques. It includes planning and preparing for demolition, establishing site safety controls, removing building components, and completing clean-up activities. The unit applies to workers with basic skills and knowledge who perform routine demolition tasks under the supervision or direction of more experienced personnel. All work must be undertaken in accordance with the Tonga National Building Code, work health and safety requirements, environmental regulations, and workplace best practices and procedures. This unit supports safe demolition practices and contributes to the prevention of injury, environmental harm and property damage during basic demolition operations. In successfully completing this unit standard, learners are able to: - Interpret demolition plans and method statements - Prepare demolition sites with appropriate safety controls - Safely remove fixtures, fittings and basic structural components - Identify and report hazardous materials, including asbestos-related risks - Handle, store, salvage or dispose of demolition materials correctly				

¹ Due to safety issues inherent in working with electricity and combustible substances, all training and assessment activities must be in accordance with Tonga National Building Code.

Learning Outcome 1 (LO1)	Organise basic demolition work to existing structure
Performance standards	1.1 Read and interpret site demolition plan and plan sequence of work; 1.2 Plan all work to comply with Building Act and Building regulations, the Tonga National Building Code, occupational health and safety (OHS) and environmental requirements; 1.3 Select and use personal protective equipment (PPE) for each part of the task; 1.4 Select tools and equipment, check for serviceability and report any faults.
Learning Outcome 2 (LO2)	Prepare for demolition and erect safety equipment.
Performance Standards	2.1 Inspect work site to assess hazards and determine risk controls; <i>(Range for electrical to be assessed by certified electrician, certified technician, air condition and refrigerator.)</i> 2.2 Confirm with supervisor or regulatory authorities that existing services have been disconnected; 2.3 Install signs and barriers around the demolition site and to identify underground and above-ground services; 2.4 Identify and report hazardous material for demolition and handling.
Learning Outcome 3 (LO3)	Demolish building components and clean up
Performance standards	3.1 Demolish building components in sequence; <i>(Range in accordance with site demolition plan, standards and workplace procedures.)</i> 3.2 Remove components to storage or disposal area using safe materials handling techniques; 3.3 Clean up meeting workplace requirements for safety, waste disposal and materials handling; 3.4 Check, maintain and store tools and equipment and report any faults.
Pre-requisites	NS133-03 Apply <i>Occupational Health and Safety</i> (OHS) requirements, policies and procedures
Co-requisites	N/A

Underpinning skill and knowledge

The following skills and knowledge underpin this unit standard:

Skills:

Planning and Preparation

- Reading and interpreting site demolition plans and work instructions
- Sequencing demolition tasks in accordance with specifications and method statements
- Selecting and using appropriate personal protective equipment (PPE)
- Identifying applicable OHS, environmental and regulatory requirements

Site Safety and Hazard Control

- Inspecting demolition sites to identify hazards
- Determining and applying risk control measures
- Installing safety signage and barriers around demolition sites
- Confirming that electrical, gas, water and other services have been disconnected
- Identifying and reporting hazardous materials for specialised handling

Demolition and Materials Handling

- Removing fixtures, fittings, ceilings and walls in the correct sequence
- Using tools and equipment safely and effectively
- Applying safe manual handling techniques
- Transporting removed components to storage or disposal areas
- Stacking and preparing materials for reuse, salvage or disposal

Clean up and Equipment Handling

- Cleaning work areas in accordance with workplace and environmental requirements
- Checking, maintaining and storing tools and equipment
- Reporting damaged or faulty tools and equipment

Knowledge:

Regulatory and Compliance

	• Occupational Health and Safety (OHS) relating to demolition work • Workplace best practices and Tonga National Building Code requirements • Workplace policies and procedures for basic demolition Safety and Environmental Requirements • Safety requirements for basic demolition, including PPE and asbestos awareness • Environmental requirements for waste handling and disposal • Procedures for isolating and protecting demolition sites Tools, Equipment and Materials • Types, uses and limitations of tools and equipment used in basic demolition • Safe use and care of hand and power tools Demolition Processes • Processes for assessing hazards and determining risk controls • Methods for identifying and reporting hazardous materials • Safe manual handling techniques for removing, stacking and transporting materials • Procedures for salvage, recycling and disposal of demolition waste
Assessment requirements	<u>Assessment methods</u> may include more than one of the following: Direct Observation Assessment of learners while they are performing tasks in real time in a real simulated environment. • The learner performs practical tasks. • The assessor watches the learner complete these tasks against a checklist or performance standards. Assessor Requirements • Use a structured observation checklist aligned to performance standards • Observe multiple occasions to ensure consistency of competence. • Record evidence of safe work practices, correct use of equipment, etc. • Provide immediate feedback where appropriate. • Ensure conditions reflect real workplace standards.

Oral Questioning

Verbal questions asked to assess the learner's understanding of knowledge and reasoning.

- Conducted during or after practical tasks.
- Can be structured (planned questions) or informal (follow-up probing).

Assessor Requirements

- Ask questions that test underpinning knowledge
- Use open-ended questions
- Confirm learner understanding where practical performance is not enough.
- Record responses clearly (notes or checklist).
- Adjust language to suit learner literacy levels.

Written Test

A structured assessment requiring learners to provide written responses.

- Short-answer questions, multiple choice, or case scenarios.
- Typically conducted off-site or in a classroom environment.

Assessor Requirements

- Design questions that assess knowledge.
- Ensure the test is clear, aligned to unit requirements and appropriate for language, literacy, numeracy levels
- Mark responses using a marking guide or model answers.
- Provide feedback and identify gaps in knowledge.
- Ensure results reflect the learner's independent performance.

Work-Based Activity

Assessment conducted in a real workplace while the learner performs actual job tasks.

- Learners complete normal workplace duties.
- Evidence is collected over time.

Assessor Requirements

- Coordinate with workplace supervisors.
- Gather evidence such as - Observation reports, Supervisor feedback, etc.
- Verify that tasks meet unit performance standards.
- Ensure authenticity (learner's own work).
- Confirm competence across different situations and timeframes.

Assessment should use a combination of the above methods to ensure sufficient, valid, authentic, and current evidence of competence in both skills and knowledge, in line with unit requirements.

Context of Assessment:

	Competency is to be assessed in the workplace or a simulated workplace environment that accurately reflects a real workplace setting. Assessment is to comply with relevant regulatory or relevant standards' requirements. Assessment of essential knowledge will usually be conducted in an off-site situation.
Moderation arrangements	1. Training providers must have their own moderation system approved by TNQAB before accreditation is granted: a) Relevant internal moderation processes are documented; b) Assessment is planned for each unit, and moderation processes are integrated into such plan. 2. Unless specified elsewhere, external moderation is conducted by the National Qualifications unit of TNQAB for all unit components of a national qualification: a) Samples of assessed activities are submitted for moderation; b) Moderation (external) forms are available on request.
Resource requirements	1. Power point presentations on basic demolition 2. Trainer's Guide 3. Learner's Guide 4. Demolition Plans 5. Tonga National Building Code 6. JSA/SWMS 7. Basic demolition tools: • Sledge hammer • Jack hammer • Kango hammer • Wheel barrow • Shovel • Rake • Hex bar • Broom • Commercial vacuum • Concrete saw • Bin co 8. Personal Protective Equipment

	9. Structured assessment and evidence-collection tools
Requirements to complete this unit	There are three (3) Learning outcomes and twelve (12) Performance Standards to measure competence. To demonstrate competence, the person studying this unit is: - Required to demonstrate all LOs to the expected standards; - Required to attain an Achieved Grade (Competent) to fulfil the requirements of the Unit Standard; - Eligible to three (3) attempts to achieve the required competency within 14 days of the first attempt. Failure to achieve the required competency after three (3) attempts on the specific part of the assessment will require the person studying this Unit to re-enrol for the same Unit.
Important notes and definitions	<u>Notes:</u> - All training and assessment activities must be in accordance with Tonga National Building Code. - Assessors must comply with the Tonga national assessment and moderation requirements. <u>Definitions:</u> <i>Asbestos</i> refers to hazardous material requiring special handling procedures. <i>Barriers and signage</i> refer to safety measures to restrict access and warn of hazards. <i>Basic demolition</i> refers to limited demolition tasks for simple structures <i>Building components</i> refer to parts of a structure such as walls, ceilings, fixtures, and fittings. <i>Contaminated materials</i> refer to materials that may pose environmental or health risks. <i>Demolition</i> refers to controlled dismantling or removal of a structure or its components. <i>Demolition sequence</i> refers to planned order for removing building elements safely.

	8. <i>Demolition tools</i> refer to equipment used to dismantle structures 9. <i>Disposal area</i> refers to location for waste materials removal. 10. <i>Hazard</i> refers to anything with the potential to cause harm. 11. <i>Maintenance</i> refers to routine care to keep tools operational and safe. 12. <i>Manual handling</i> refers to using physical effort to lift, move, or carry materials. 13. <i>Occupational Health and Safety (OHS)</i> refers to regulations and practices to ensure worker safety. 14. <i>Personal Protective Equipment (PPE)</i> refers to safety gear such as helmets, gloves, goggles, and boots. 15. <i>Risk control</i> refers to measures taken to eliminate or reduce risk. 16. <i>Safe Work Method Statement (SWMS)</i> refers to document outlining how demolition will be carried out safely. 17. <i>Salvage</i> refers to recovering materials for reuse. 18. <i>Service disconnection</i> refers to ensuring utilities (water, gas, electricity) are safely turned off. 19. <i>Serviceability</i> refers to condition indicating equipment is safe and functional. 20. <i>Site inspection</i> refers to examination of the worksite to identify hazards and requirements. 21. <i>Storage area</i> refers to designated place to store salvaged materials. 22. <i>Tonga National Building Code</i> refers to standards governing construction work in Tonga.
Public comments on unit	Please contact TNQAB National Qualifications Unit (email EnquireNQ@tnqab.to or Telephone 28136) if you like to discuss or suggest changes to the details of this unit.

