

Title	Use and maintain scaffolding hand and portable power tools		
Level	3	Credits	2

Purpose	People credited with this unit standard are able to: <ul style="list-style-type: none"> – select and use hand tools for scaffolding; – care for and identify faulty hand tools; – select and use portable power tools for scaffolding; – describe procedures, and care for and maintain portable power tools; and – use hand and power tools safely.
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Classification	Lifting Equipment > Elementary Scaffolding
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Available grade	Achieved
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Guidance Information

- 1 This unit standard has been developed for learning and assessment on-job or off-job in a simulated environment. Where supervision is required by law, the supervisor must hold the appropriate Certificate of Competence for the scaffolding work undertaken.
- 2 All tasks are to be carried out in accordance with:
 - a quality management systems;
 - b designer requirements and manufacturer operating instructions; and legislation, regulations, bylaws, Health and Safety at Work Act 2015, and Health and Safety in Employment Regulations 1995 or its replacement;
 - c the most up to date version of the *Good Practice Guidelines - Scaffolding in New Zealand (GPG)*, 2016 available from <https://www.worksafe.govt.nz/topic-and-industry/working-at-height/scaffolding-in-new-zealand/>; and all subsequent amendments and replacements.
- 3 Training and assessment
Those undertaking assessment against this unit standard should note that work in the scaffolding industry usually takes place at heights well above ground level, and therefore requires a relevant level of physical fitness and ability to work at heights.
- 4 Range
Hand tools may include – podge hammer, wire cutters, adjustable spanners, socket spanners, files, pipe cutters, spade.
Portable power tools may include – masonry drill, power saws, power hacksaw, cut off saw, saber saw, grinder.

5 Definitions

Hazards refer to those occurrences, processes, substances or situations as determined by the organisation that are an actual or potential cause or source of harm associated with, but not limited to: process, activities, environment, equipment, materials, work organisation, site and facilities.

Scaffolding is as defined in the GPG and in the Health and Safety in Employment Regulations 1995.

Outcomes and performance criteria

Outcome 1

Select and use hand tools for scaffolding.

Performance criteria

1.1 Identify potential safety hazards in using hand tools.

Range precautions include but are not limited to – protective clothing and equipment.

1.2 Select hand tools appropriate for the job.

1.3 Use hand tools to meet job requirements.

Outcome 2

Care for and identify faulty hand tools.

Performance criteria

2.1 Clean and store hand tools.

2.2 Identify unsafe or faulty hand tools.

Outcome 3

Select and use portable power tools for scaffolding.

Performance criteria

3.1 Select portable power tools appropriate for the job.

3.2 Use portable power tools to meet job requirements.

Outcome 4

Describe procedures, and care for and maintain portable power tools.

Performance criteria

- 4.1 Clean, maintain, and store portable power tools.
- 4.2 Describe procedures to identify unsafe or faulty power tools.

Outcome 5

Use hand and power tools safely.

Performance criteria

- 5.1 Identify potential hazards before starting work.
- Range hazards may include but are not limited to – electric shock, noise, presence of sharp and/or hot particles, dust, moving parts, cutting tools.
- 5.2 Use electrical safeguards to eliminate the risk of electrocution.
- Range safeguards may include but are not limited to – residual current devices, isolating transformers, monitored earth circuits, double insulated tools; evidence of two is required.
- 5.3 Eliminate, isolate, or minimise hazards for using safe work practice.
- Range safe work practice includes but is not limited to – the use of personal protective equipment, following worksite and company health and safety procedures, good housekeeping.

Planned review date	31 December 2026
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	27 November 2002	31 December 2016
Review	2	23 March 2006	31 December 2016
Review	3	16 July 2015	31 December 2019
Rollover and Revision	4	23 November 2017	31 December 2023
Review	5	24 February 2022	N/A

Consent and Moderation Requirements (CMR) reference	0003
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Waihanga Ara Rau Construction and Infrastructure Workforce Development Council qualifications@waihanga.nz if you wish to suggest changes to the content of this unit standard.