

Title	Demonstrate knowledge of roofing workplace safety considerations		
Level	4	Credits	4

Purpose	<p>This unit standard is intended for use in the training and assessment of people carrying out roof installation work and covers knowledge safety considerations.</p> <p>People credited with this unit standard are able to demonstrate knowledge of:</p> <ul style="list-style-type: none"> – demonstrate knowledge of the health and safety requirements for a roofing worksite; – demonstrate knowledge of roofing work safety requirements; and – maintain a safe roofing workplace environment.
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Classification	Plumbing, Gasfitting and Drainlaying > Roofing
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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.
- 2 References
 - Building Act 2004 and associated regulations;
 - Construction Contracts Act 2002;
 - Consumer Guarantees Act 1993;
 - Health and Safety at Work Act 2015;
 - Historic Places Act 1993;
 - Local Government Act 2002;
 - Resource Management Act 1991;
 - Acceptable Solutions and Verification Methods for New Zealand Building Code Clause E2 External Moisture;
 - Licensed Building Practitioner Scheme – Understanding the Regulatory Environment Booklet – available at: <http://www.business.govt.nz/lbp/the-board/getting-licensed/applying-for-licensing>;
 - New Zealand Building Code Hand Book – available at: <http://www.building.govt.nz/building-code-compliance/building-code-and-handbooks/building-code-handbook>;
 - Best practice guidelines for working at height in New Zealand – available at: <http://www.worksafe.govt.nz/worksafe/information-guidance/all-guidance-items/best-practice-guidelines-for-working-at-height-in-new-zealand/working-height.pdf>;
 - and all subsequent amendments and replacements.

- 3 Definition
PCBU – person conducting a business or undertaking.
- 4 Range
- a Candidates must refer to current legislation and Standards during assessment.
 - b Demonstration of safe working practices are essential components of assessment of this unit standard.
 - c All activities and evidence presented for all outcomes and performance criteria in this unit standard must be in accordance with:
 - i legislation;
 - ii policies and procedures;
 - iii ethical codes;
 - iv Standards – may include but are not limited to those cited in the New Zealand Building Code Hand Book;
 - v applicable site, enterprise, and industry practice; and,
 - vi manufacturers' instructions, specifications, and data sheets.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of the health and safety requirements for a roofing worksite.

Performance criteria

- 1.1 Summarise terms as defined in the Health and Safety at Work Act.
- Range notifiable event, notifiable incident, notifiable injury or illness, reasonably practicable, supply, workplace.
- 1.2 Describe the functions, rights, and responsibilities of employers, employees, officers, PCBUs, and workers in accordance with the Health and Safety at Work Act.
- 1.3 Explain the principal health and safety system requirements for roofing worksites.
- Range principal systems include but are not limited to – emergency procedures, training, employee participation, incident and hazard reporting, hazard management.
- 1.4 Define hazards as described in the Health and Safety at Work Act.
- 1.5 Explain the hazard management controls and hierarchy in terms of eliminating and minimising hazards and give two examples of each.

Outcome 2

Demonstrate knowledge of roofing work safety requirements.

Performance criteria

- 2.1 Describe notifiable work activities and procedures relevant to roofing work in accordance with WorkSafe requirements.
- 2.2 Describe work area cordons, safety notices, and notification of work signs in accordance with site procedures.
- 2.3 Identify hot work associated with roofing and describe hot work in terms of management, precautions to observe, and hot work permit limitations and requirements.
- 2.4 Describe the potential long-term effects of ill health and injuries on yourself, your family, your workplace, and the wider community.
- 2.5 Explain the main considerations and requirements for working at heights.
- Range scaffolding; edge protection; mechanical access plant; safety mesh; harness systems; temporary work platforms (twps); catch platforms; soft landing systems (slss); safety nets; fixed roof ladders and crawl boards; ladders, stepladders, and means of access.
- 2.6 Identify common hazards that can impact on working at height.
- Range evidence of five common hazards is required.
- 2.7 Describe procedures to follow when walking on roof framing and on finished roof.
- 2.8 Describe methods for moving roofing materials and machinery on a roofing work site.

Outcome 3

Maintain a safe roofing workplace environment.

Performance criteria

- 3.1 Carryout work practices without injury to people or damage to equipment, building, or plant.
- 3.2 Select and wear personal protective equipment for the task-at-hand in accordance with manufacturers' instructions and site procedures.
- Range includes but is not limited to – hard hat, sun block, ear muffs, safety glasses, gloves, knee pads, high-visibility clothing, safety harness.
- 3.3 Cordon off work area and distribute and/or erect safety notices and notifications of work signs in accordance with site procedures.

3.4 Maintain work area clear of debris and unnecessary equipment.

3.5 Confirm availability of site-specific safety plan.

Range safety plan may include but is not limited to – hazard identification, working at height, securing loose material, material safety data.

Planned review date	31 December 2023
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	16 March 2017	N/A
Rollover	2	25 August 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 the Waihanga Ara Rau Construction and Infrastructure Workforce Development Council qualifications@waihangaararau.nz if you wish to suggest changes to the content of this unit standard.