

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.

This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	16 March 2017	31 December 2027
Rollover	2	25 August 2022	31 December 2027
Review	3	28 November 2024	31 December 2027

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>.