

Title	Carry out roof installation work preliminary site checks		
Level	4	Credits	6

Purpose	<p>This unit standard is intended for use in the training and assessment of people carrying out roof installation work and covers the necessary preliminary site checks before roofing work begins.</p> <p>People credited with this unit standard are able to:</p> <ul style="list-style-type: none"> – check delivered roofing materials; – check roof structure readiness for installation of roofing; and – identify hazards and plan preventative action.
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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.
- 2 References
 - Building Act 2004 and associated regulations;
 - Construction Contracts Act 2002;
 - Health and Safety at Work Act 2015;
 - Historic Places Act 1993;
 - Licensed Building Practitioner Scheme – Understanding the Regulatory Environment.
 - Local Government Act 2002;
 - Resource Management Act 1991;
 - NZS 4121:2001, Design for access and mobility: Buildings and associated facilities; Acceptable Solutions and Verification Methods for New Zealand Building Code Clause E2 External Moisture;
 - 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> ;
 - and all subsequent amendments and replacements.
- 3 This unit standard applies to both new roof and re-roofing installations.

- 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

Check delivered roofing materials.

Performance criteria

- 1.1 Check the site details against information on job sheet.
- Range includes but is not limited to – city, suburb, street, street number or lot number, builder or owner.
- 1.2 Check that delivered roofing material complies with the job sheet for quantity and conforms to specification.
- 1.3 Make arrangements with the agent and/or supervisor for delivered materials not meeting job sheet requirements to be replaced, or shortfalls made up.

Outcome 2

Check roof structure readiness for installation of roofing.

Performance criteria

- 2.1 Confirm that the roof structure has been inspected to meet the requirements of the job specification in terms of the roof cladding to be installed.
- Range bracing, fixing of structural elements, support of overhangs.

2.2 Confirm that elements of the structure that can affect the quality of the finished roof comply with the manufacturers' instructions for the roof cladding to be installed.

Range truss and rafter spacing for batten size; height of hip and ridge boards; height of fascia above rafter for batten size; provision of anti-ponding board or cant strip or packer if specified; valley framing; eave and other roof finish construction; top surface line of trusses or rafters to provide even roof surface; straightness and fixing of fascia, ridges, hips, eaves, and valleys; squareness of gable ends; readiness for underlay where specified.

2.3 Identify roof conditions that may prevent roofing work being carried out and make arrangements for these to be remedied by the builder to allow completion of the roof.

Range may include but is not limited to – timber protruding through roof line, incomplete structure or finishes, scaffolding through roof line, missing flashings, gutters or valleys to be installed by others, no roof edge fall protection, no safety nets, no air bags; evidence of two roof conditions is required.

2.4 Advise the agent and/or supervisor or builder where the structure is not ready for roofing work.

Outcome 3

Identify hazards and plan preventative action.

Performance criteria

3.1 Identify hazards that may arise because of the site location and develop and implement an action plan to minimise danger to workers and damage to materials.

3.2 Identify elements of the structure that require care and consideration during roofing work and develop an implement an action plan to prevent damage to those elements.

Range may include but is not limited to – windows, surface finishes, soffits and fascias/spouting, flashings and gutters, live cables or wires; evidence of two elements is required.

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

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.