

Title	Demonstrate knowledge of roof installation work preliminary site checks		
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 of 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"> - demonstrate knowledge of roofing material delivery checks; - demonstrate knowledge of roof structure checks; and - describe of 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 off-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

Demonstrate knowledge of roofing material delivery checks.

Performance criteria

- 1.1 Outline initial checks and expectations in terms of the job sheet.
- Range includes but is not limited to – city, suburb, street, street number or lot number, builder or owner.
- 1.2 Outline material check procedures.
- 1.3 Explain procedures to follow when delivered materials do not meet job sheet requirements in terms of quality or quantity.

Outcome 2

Demonstrate knowledge of roof structure checks.

Performance criteria

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

2.2 Identify elements of the structure that can affect the quality of the finished roof in terms of the manufacturers' instructions for the roof cladding to be installed.

Range may include but is not limited to – 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; evidence of 10 elements is required.

2.3 Describe the reasons for and the requirements of air space between ceiling and roof in accordance with the New Zealand Building Code.

2.4 Describe roof conditions that may prevent roofing work being carried out and outline the procedures to follow if requirements are not met.

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, structural issues, building permit, no roof edge fall protection, no safety nets, no air bags; evidence of four conditions is required.

Outcome 3

Describe hazards and plan preventative action.

Performance criteria

3.1 Describe hazards that may cause harm to people and damage to property in terms of cause and effect and explain procedures to overcome problems.

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

Range evidence of five elements is required.

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

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.