

Title	Demonstrate knowledge of shingle or slate roof installation, re-roofing considerations, and potential problems		
Level	4	Credits	10

Purpose	<p>This unit standard is intended for use in the training and assessment of people carrying out shingle or slate roof installation work and covers knowledge of roof shingle installation, re-roofing considerations, and potential problems.</p> <p>People credited with this unit standard are able to:</p> <ul style="list-style-type: none"> - explain flashing and penetration installation on roof shingles or slates; - demonstrate knowledge of the planning and checks required prior to re-roofing; and - explain the re-roofing procedure for roof shingles or slates.
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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 and off-job.
- 2 References
 Construction Contracts Act 2002;
 Historic Places Act 1993;
 Local Government Act 2002;
 Building Act 2004 and associated regulations;
 Health and Safety at Work Act 2015;
 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>;
 NZS 3604:2011 Timber-framed buildings;
 NZS 3902:2004 Housing, alterations and small buildings contract;
 NZS 4121:2001, Design for access and mobility: Buildings and associated facilities;
 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

Explain flashing and penetration installation on roof shingles or slates.

Range flashing types – chimney, skylight, soakers, wall to roof, ridges, vents.

Performance criteria

1.1 Explain the installation of flashings and penetrations.

Outcome 2

Demonstrate knowledge of the planning and checks required prior to re-roofing.

Performance criteria

2.1 Explain roof inspection requirements for existing in terms of determining the condition and potential hazards before installing a new roof in accordance with site procedures.

2.2 Explain site check activities in accordance with site procedures.

Range preparing the site, health and safety checks and signs, site hazards.

2.3 Explain work planning sequences in terms of minimising impact to occupants and potential risks of exposure damage to house.

2.4 Explain disposal planning requirements for the removed roofing.

2.5 Describe the New Zealand Building Code compliance requirements for re-roofing in terms of territorial authority requirements.

Outcome 3

Explain the re-roofing procedure for roof shingles or slates.

Performance criteria

- 3.1 Explain the processes of removing existing fixings and shingles or slates.
- 3.2 Explain storage and handling procedures for existing and new shingles or slates.
- 3.3 Explain substrate checks and potential remedial actions to achieve a sound base on which to install new shingles or slates.
- 3.4 Explain overlay processes of existing shingles or slates in terms of advantages and disadvantages compared to re-roofing.

Replacement information	This unit standard replaced unit standard 25300.
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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>.