

Title	Demonstrate knowledge of re-roofing an existing metal tile roof		
Level	3	Credits	6

Purpose	<p>This unit standard is intended for use in the training and assessment of people carrying out metal roof tile installation work and covers knowledge of the procedures required to re-roofing an existing metal tile roof.</p> <p>People credited with this unit standard are able to:</p> <ul style="list-style-type: none"> - describe the planning and checks required prior to re-roofing; - demonstrate knowledge of the re-roofing procedure using metal roofing tiles; - summarise the re-coating procedure for metal tile roofs; and - describe the use of metal tiles as an overlay option on existing roofs.
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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
 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

Describe the planning and checks required prior to re-roofing.

Performance criteria

- 1.1 Describe inspection activities for existing roof in terms of determining the condition and potential hazards before installing the new roof.
- Range includes – brittle materials and asbestos, signs of deterioration, support framing, underlay.
- 1.2 Describe notifiable work as it applies to re-roof work.
- 1.3 Describe site check activities.
- Range preparing the site, health and safety checks and controls; site hazards may include but are not limited to – power lines, line wire, solar panels.
- 1.4 Describe the importance of work planning sequence in terms of minimising impact to occupants and minimising potential risks of exposure damage to house.
- 1.5 Describe the purpose of the work sheet, plan, or job schedule in terms of defining the work to be done and potential hazards.
- 1.6 Describe the planning requirements for the disposal of hazardous and non-hazardous roofing material.

Outcome 2

Demonstrate knowledge of the re-roofing procedure using metal roofing tiles.

Performance criteria

- 2.1 Describe the process of removing existing roofing materials.
- 2.2 Explain checks and replacements requirements of flashings.
- 2.3 Describe storage and handling of existing and new roofing tiles.

Outcome 3

Summarise the re-coating procedure for metal tile roofs.

Performance criteria

- 3.1 Summarise re-coating in terms of suitability as a roof restoration solution, compared to re-roofing.

Outcome 4

Describe the use of metal tiles as an overlay option on existing roofs.

Performance criteria

- 4.1 Describe the use of metal tiles as an overlay on existing roofs in terms of advantages and disadvantages compared to complete re-roofing.

Replacement information	This unit standard replaced by unit standard 25286.
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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>.