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|--------------|---|----------------|----------|
| <b>Title</b> | <b>Describe re-roofing an existing metal roof</b> |                |          |
| <b>Level</b> | <b>3</b>  | <b>Credits</b> | <b>5</b> |

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| <b>Purpose</b> | <p>This unit standard is intended for use in the training and assessment of people carrying out metal roof and wall cladding installation and covers knowledge of re-roofing an existing metal roof.</p> <p>People credited with this unit standard are able to demonstrate knowledge of:</p> <ul style="list-style-type: none"> <li>- the planning and checks required prior to re-roofing; and</li> <li>- re-roofing procedures for metal roofs.</li> </ul> |
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| <b>Classification</b> | Plumbing, Gasfitting and Drainlaying > Roofing |
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| <b>Available grade</b> | 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;  
 New Zealand Metal Roof and Wall Cladding Code of Practice;  
 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.

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## Outcomes and performance criteria

### Outcome 1

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

#### Performance criteria

- 1.1 Describe roof inspection activities in terms of determining the condition and potential hazards before installing the new roof.
- 1.2 Identify issues to consider with regards to a re-roof project.
- Range includes but is not limited to – compliance requirements, insulation, material change, local body requirements.
- 1.3 Describe the requirements of a re-roofing project risk assessment.
- Range includes but is not limited to – brittle materials, asbestos, purlins that require re-screwing.
- 1.4 Describe site check activities in accordance with site procedures.
- Range site preparation, health and safety checks and signs, site hazards.
- 1.5 Describe work planning sequence in terms of minimising impact to occupants and potential risks of exposure damage to house.
- 1.6 Explain the purpose of the work sheet, plan, or job schedule in terms of defining the work to be done and potential hazards.
- 1.7 Describe fastening length checks to ensure compatibility with existing structure.
- 1.8 Describe disposal planning for the removed roofing.

- 1.9 Explain the New Zealand Building Code compliance requirements for re-roofing in accordance with territorial authority requirements.

## Outcome 2

Demonstrate knowledge of re-roofing procedures for metal roofs.

### Performance criteria

- 2.1 Describe the process of removing existing fixings and sheets.
- 2.2 Describe storage and handling requirements of existing and new roofing sheets.
- 2.3 Compare fastening methods suitable for re-roofing with new installations.

**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       | 23 January 2009  | 31 December 2020         |
| Review       | 2       | 16 March 2017    | 31 December 2027         |
| Rollover     | 3       | 25 August 2022   | 31 December 2027         |
| Review       | 4       | 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>.