

<b>Title</b>	<b>Demonstrate, at height, safety procedures for the erection and dismantling of scaffolding</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>8</b>

<b>Purpose</b>	<p>People credited with this unit standard are able to:</p> <ul style="list-style-type: none"> <li>– inspect scaffold to determine its readiness for erecting and dismantling the next lift, and manage risk of falling objects and establish an exclusion zone;</li> <li>– plan safe method for erection and dismantling of lift above;</li> <li>– use a safety harness for the erection of scaffolding;</li> <li>– prepare components on a lower lift for passing to the lift above;</li> <li>– safely access the lift above;</li> <li>– use proprietary advance guardrails for erection and dismantling scaffolding;</li> <li>– install guardrails progressively from working platform lift below finished working platform; and</li> <li>– install edge protection using tunnelling or scaffold safe zone.</li> </ul>
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<b>Classification</b>	Lifting Equipment > Rigging and Scaffolding Safety
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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 or off-job in a simulated environment. Where supervision is required by law, the supervisor must hold the appropriate Certificate of Competence for the scaffolding work undertaken.
- 2 All tasks are to be carried out in accordance with:
  - a quality management systems;
  - b designer requirements and manufacturer operating instructions; and government and local government legislation, regulations, bylaws, Health and Safety at Work Act 2015, and Health and Safety in Employment Regulations 1995;
  - c the most up to date version of the *Good Practice Guidelines - Scaffolding in New Zealand (GPG)*, 2016 available from <http://www.business.govt.nz/worksafe/information-guidance/all-guidance-items/scaffolding-best-practice-guideline-for-scaffolding-in-new-zealand>; and all subsequent amendments and replacements.

### 3 Definition

*Scaffolding* is as defined in the GPG and in the Health and Safety in Employment Regulations 1995.

### 4 Training and assessment

Competency in the outcomes of this unit standard must be demonstrated on a scaffold at height. This is defined as beginning at least the height of the scaffold's second lift. It is expected that candidates will have experience of working safely at height with propriety systems and tube and coupler.

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## Outcomes and performance criteria

### Outcome 1

Inspect scaffold to determine its readiness for erecting and dismantling the next lift, and manage risk of falling objects and establish an exclusion zone.

#### Performance criteria

- 1.1 Confirm scaffold structure, platforms, and edge protection are fit for purpose and complete according to erection and dismantling method to be used.
- 1.2 Check stability of scaffolding minimum base dimension and tie/support to existing structures prior to accessing the lift above.
- 1.3 Identify a safe access point to the lift above.
- 1.4 Manage the risk of falling objects and establish an exclusion zone.

### Outcome 2

Plan safe method for erection and dismantling of the next lift.

#### Performance criteria

- 2.1 Plan safe method for erection and dismantling of the next lift.  
  
Range includes – tunnelling method, progressive erection, advance guardrails.

### Outcome 3

Use a safety harness for the erection and dismantling of scaffold.

#### Performance criteria

- 3.1 Identify situations where a safety harness must be attached.
- 3.2 Identify the correct points of attachment on the scaffold in preferential order.
- 3.3 Attach and use the safety harness for erection and dismantling of scaffold.

**Outcome 4**

Prepare components on a lift for passing to the lift above or below.

Range components raised or lowered by use of – lifting bag, handline, ginwheel and handballing.

**Performance criteria**

- 4.1 Determine a safe zone for the passing of components to the lift above or below.
- 4.2 Identify the components to be passed to the lift above or below.
- 4.3 Establish the sequence for the passing of components to the lift above or below.
- 4.4 Stack safely the components to be passed up or down from the safe zone of the lift above or below.

**Outcome 5**

Safely access the lift above or below.

**Performance criteria**

- 5.1 Identify different methods of access to the next lift in preferential order.
- 5.2 Identify the preferred method of access to the next lift and make any modifications necessary to accommodate this method.
- 5.3 Access the next lift above or below safely.

**Outcome 6**

Use proprietary advance guardrails for erecting and dismantling of scaffolds.

**Performance criteria**

- 6.1 Erect or dismantle scaffolding using proprietary advance guardrails.
- 6.2 Install full edge protection progressively before moving advance guardrails.

**Outcome 7**

Install guardrails progressively from working platform lift below finished working platform.

**Performance criteria**

7.1 Identify methods of installing guardrails from lift below or above.

Range includes but is not limited to – dummy lift, scaffolders step, hop up brackets with single deck.

7.2 Demonstrate progressive erection and dismantling.

Range evidence is required for two methods.

7.3 Install decks to lift above and secure for erecting.

7.4 Install kickboards and secure for erecting.

7.5 For dismantling, keep kickboards in place until all stacked items are lowered for dismantling.

**Outcome 8**

Install edge protection using tunnelling or scaffold safe zone.

**Performance criteria**

8.1 Secure and position all components in correct sequence.

8.2 Erect initial guardrail.

8.3 Erect stop end.

8.4 Erect mid-rails and kickboards.

8.5 Dismantle the mid-rails, kickboards, stop ends and guardrails to ensure minimal exposure to falls.

<b>Planned review date</b>	31 December 2026
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	23 March 2006	31 December 2016
Rollover and Revision	2	20 June 2008	31 December 2016
Review	3	16 July 2015	31 December 2019
Review	4	23 November 2017	31 December 2025
Review	5	24 February 2022	N/A
Revision	6	24 August 2023	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0003
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

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### Comments on this unit standard

Please contact Waihanga Ara Rau Construction and Infrastructure Workforce Development Council [qualifications@waihangaararau.nz](mailto:qualifications@waihangaararau.nz) if you wish to suggest changes to the content of this unit standard.