

<b>Title</b>	<b>Demonstrate, at height, safety procedures for the erection of scaffolding</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>4</b>

<b>Purpose</b>	<p>People credited with this unit standard are able to:</p> <ul style="list-style-type: none"> <li>– inspect scaffolding to determine its readiness to erect the next lift;</li> <li>– plan safe method for erection 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 erecting 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 the equipment manufacturer requirements, applicable company procedures, and industry good practice found in the following sources:
  - 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 or its replacement;
  - c the most up to date version of the Good Practice Guidelines (GPG) found at <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* as defined in the GPG and in the Health and Safety in Employment Regulations 1995.
- 4 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 scaffolding to determine its readiness to erect the next lift.

#### Performance criteria

- 1.1 Confirm scaffold structure, platforms, and edge protection are fit for purpose and complete according to erection 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.

### Outcome 2

Plan safe method for erection of lift above.

#### Performance criteria

- 2.1 Plan safe method for erection of lift above.
- Range includes – tunnelling method, progressive erection, advance guardrails.

### Outcome 3

Use a safety harness for the erection of scaffolding.

#### 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.

**Outcome 4**

Prepare components on a lower lift for passing to the lift above.

**Performance criteria**

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

**Outcome 5**

Safely access the lift above.

**Performance criteria**

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

**Outcome 6**

Use proprietary advance guardrails for erecting scaffolding.

**Performance criteria**

- 6.1 Erect 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.  
  
Range includes but not limited to – dummy lift, scaffolders step, hop up brackets with single deck.
- 7.2 Demonstrate two methods of progressive erection.

7.3 Install decks to lift above and secure.

7.4 Install kickboards and secure.

### 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.

<b>Planned review date</b>	31 December 2020
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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	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>.

### Comments on this unit standard

Please contact The Skills Organisation [reviewcomments@skills.org.nz](mailto:reviewcomments@skills.org.nz) if you wish to suggest changes to the content of this unit standard.