

Title	Erect and dismantle mobile scaffolding		
Level	3	Credits	4

Purpose	<p>People credited with this unit standard are able to:</p> <ul style="list-style-type: none"> – check the stability of mobile scaffolding; – establish a safe area on the next working lift; – build the working lift; – check the structure is compliant and complete the GPG inspection report; – ready the lift above; and – dismantle mobile scaffolding.
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Classification	Lifting Equipment > Elementary Scaffolding
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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 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; 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 <https://www.worksafe.govt.nz/topic-and-industry/working-at-height/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 for this unit standard must be demonstrated using two different types of scaffolding. Types of scaffolding include but are not limited to – aluminium, proprietary and tube and coupler scaffolds.
 This unit standard focuses on erection and dismantling skills after the completion of the base lift, the erection of which is dealt with in previous unit standards.

5 Recommended skills and knowledge

Unit 20858, *Base out tube and coupler scaffolding*; Unit 20859, *Base out proprietary frame scaffolding*; Unit 20860, *Base out individual component proprietary scaffolding*; Unit 20861, *Demonstrate, at height, safety procedures for the erection and dismantling of scaffolding*; and Unit 23228, *Complete a scaffolding inspection compliance report*, or demonstrate equivalent knowledge and skills.

Outcomes and performance criteria

Outcome 1

Check the stability of mobile scaffolding.

Performance criteria

- 1.1 Calculate the safety factor with allowance made for adverse conditions.
- 1.2 Select and install castors.
- 1.3 Choose rakers or outriggers.

Outcome 2

Establish a safe area on the next working lift.

Performance criteria

- 2.1 Access the lift above internally, through the planking and via a ladder.
- 2.2 Attach an initial guardrail.
- 2.3 Close the stop end.

Outcome 3

Build the working lift.

Range using correct sequence consistent with the scaffold plan; external components fitted first.

Performance criteria

- 3.1 Fit joiners to standards as appropriate to the type of scaffolding being used.
- 3.2 Fit standards, individual components or frames.

Range standards and/or components are checked for vertical and are at heights consistent with the scaffold plan, pre-engineered components are fitted.

- 3.3 Walk out guardrails in sequence.

3.4 Fit mid rails, ledgers and transoms in sequence as appropriate to the type of scaffolding being used.

3.5 Lash or fit planks and kickboards on the working lift.

3.6 Brace the structure.

Range may include – transverse, longitudinal, parallel braces; outriggers; rakers.

Outcome 4

Check the structure is compliant and complete the GPG inspection report.

Performance criteria

4.1 Check the structure for compliance with the GPG inspection report and the scaffold plan.

4.2 Complete the GPG inspection report.

4.3 Make changes where structure is not compliant to ensure compliance and amend the GPG inspection report accordingly.

Outcome 5

Ready the lift above.

Performance criteria

5.1 Check transoms for spacing and for square on vertical and horizontal.

5.2 Place planks on lift above.

5.3 Build internal access to the lift above.

Outcome 6

Dismantle mobile scaffolding.

Performance criteria

6.1 Dismantle the deck in sequence.

Range all components removed progressively beginning with kickboards and mid rails from the top working lift.

6.2 Descend the dismantled deck to the lift below.

Replacement information	This unit standard, unit standard 20857, unit standard 20858, unit standard 20859, unit standard 20860, unit standard 23223, unit standard 23224, unit standard 23226 and unit standard 23227 replaced unit standard 4201 and unit standard 4203.
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Planned review date	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	25 July 2007	31 December 2016
Review	2	16 July 2015	31 December 2019
Review	3	23 November 2017	31 December 2025
Review	4	24 February 2022	N/A
Revision	5	24 August 2023	N/A

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>.

Comments on this unit standard

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