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| Title | Erect and dismantle standing tube and coupler scaffolding | | |
| Level | 3 | Credits | 10 |

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| Purpose | <p>In the context of erecting and dismantling tube and coupler scaffolding, people credited with this unit standard are able to:</p> <ul style="list-style-type: none"> – 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 tube and coupler 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 Definitions

Dismantle the deck is the process of removing, in safe order, scaffolding components from a lift above to a lift below or the ground.

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

Scaffold plan is a key design document prepared by the candidate and used as a basis for the erection of a particular scaffold.

4 Training and assessment

This unit standard is intended to cover all work done on the ground in the erection of proprietary frame scaffolding structures, for example prior to the point of leaving the ground by mounting the structure to work from the base lift.

Frame scaffolds may include but are not limited to – aluminium towers, H frames.

5 Recommended skills and knowledge

Unit 20858, *Base out tube and coupler 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

Establish a safe area on the next working lift.

Performance criteria

1.1 Access the lift above.

Range internal via planking and ladder, an external ladder bay.

1.2 Attach the initial guardrail.

1.3 Close the stop end.

Outcome 2

Build the working lift.

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

Performance criteria

2.1 Fit joiners to standards in accordance with the scaffold plan.

2.2 Install standards and check for vertical, while at height, consistent with the scaffold plan.

2.3 Install guardrails in sequence.

2.4 Fit mid rails, kick boards, ledgers and transoms in sequence.

2.5 Lash planks and kickboards on the working lift.

2.6 Brace the structure.

Range may include – transverse, longitudinal, parallel braces.

Outcome 3

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

Performance criteria

- 3.1 Check the structure for compliance with the GPG inspection report and the scaffold plan.
- 3.2 Complete the GPG inspection report.
- 3.3 Make changes where structure is not compliant to ensure compliance and amend the GPG inspection report accordingly.

Outcome 4

Ready the lift above.

Performance criteria

- 4.1 Check transoms for spacing and square on vertical and horizontal.
- 4.2 Place planks on the lift above.
- 4.3 Build internal access to the lift above.

Outcome 5

Dismantle tube and coupler scaffolding.

Performance criteria

- 5.1 Dismantle the deck in sequence.
 - Range all components removed progressively beginning with kickboards and mid rails from the top working lift.
- 5.2 Descend to the lift below the dismantled deck.

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| Replacement information | This unit standard, unit standard 20857, unit standard 20858, unit standard 20859, unit standard 20860, unit standard 23223, unit standard 23225, 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 |
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| Registration | 1 | 25 July 2007 | 31 December 2016 |
| Review | 2 | 16 July 2015 | 31 December 2019 |
| Rollover and Revision | 3 | 23 November 2017 | 31 December 2025 |
| Review | 4 | 24 February 2022 | N/A |
| Revision | 5 | 24 August 2023 | N/A |

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| 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 the 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.