

<b>Title</b>	<b>Base out returns for tube and coupler 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, when basing out returns using tube and coupler scaffolding:</p> <ul style="list-style-type: none"> <li>– position and stand standards;</li> <li>– position and attach ledgers, bracing, transoms and putlogs;</li> <li>– fit planks; and</li> <li>– check the structure is compliant and complete the GPG inspection report.</li> </ul>
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<b>Classification</b>	Lifting Equipment > Elementary Scaffolding
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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; 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  
*Scaffolding* is as defined in the GPG and in the Health and Safety in Employment Regulations 1995.  
*Scaffold plan*: 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.

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## Outcomes and performance criteria

### Outcome 1

Position and stand standards when basing out returns using tube and coupler scaffolding.

#### Performance criteria

- 1.1 Lay out components for efficient erection.
- 1.2 Stand standards in correct sequence.
  - Range for double and single pole returns at least consistent with the required offset distance, width of the scaffold and the position of any existing standards.
- 1.3 Attach temporary bracing as necessary.
- 1.4 Check standards are vertical and aligned.

### Outcome 2

Position and attach ledgers when basing out returns using tube and coupler scaffolding.

#### Performance criteria

- 2.1 Position and attach ledgers in correct sequence.
- 2.2 Check structures are vertical and aligned.

### Outcome 3

Position and attach bracing when basing out returns using tube and coupler scaffolding.

#### Performance criteria

- 3.1 Position and attach braces in correct sequence.
  - Range may include but is not limited to – transverse bracing, longitudinal bracing, and plan bracing for both one and two pole returns.
- 3.2 Check structures are vertical and aligned.

### Outcome 4

Position and attach transoms and putlogs when basing out returns using tube and coupler scaffolding.

#### Performance criteria

- 4.1 Position and attach transoms and putlogs at all required points.

4.2 Check transoms are horizontal and standards are vertical at both ends and adjust base lift height.

4.3 Check structure is level, standards are vertical and aligned.

### Outcome 5

Fit planks when basing out returns using tube and coupler scaffolding.

#### Performance criteria

5.1 Complete base lift for butt plank scaffold.

5.2 Plank out all bays.

### Outcome 6

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

#### Performance criteria

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

6.2 Complete the GPG inspection report.

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

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<b>Replacement information</b>	This unit standard, unit standard 20857, unit standard 20858, unit standard 20859, unit standard 20860, unit standard 23224, unit standard 23225, unit standard 23226 and unit standard 23227 replaced unit standard 4201 and unit standard 4203.
<b>Planned review date</b>	31 December 2026

**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
Rollover and Revision	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

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

**Comments on this unit standard**

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