

## 41213 Plan, prepare, erect, and dismantle sloping platforms

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Kaupae   Level</b>                              | 4                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Whiwhinga   Credit</b>                          | 7                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Whāinga   Purpose</b>                           | <p>This skill standard is for people intending to complete qualifications and credentials in the scaffolding trades.</p> <p>People with this skill standard have the skills to plan, prepare, erect and dismantle a sloping platform and check the structure for stability and compliance.</p> <p>This skill standard aligns with the New Zealand Certificate in Scaffolding (Intermediate) (Level 4) [Ref: 5660].</p> |
| <b>Whakaakoranga me mātua oti   Pre-requisites</b> | New Zealand Certificate in Scaffolding (Elementary) (Level 4) [Ref: 5659] or demonstrate equivalent knowledge and skills.                                                                                                                                                                                                                                                                                              |

### Hua o te ako me Paearu aromatawai | Learning outcomes and assessment criteria

| <b>Hua o te ako   Learning outcomes</b>                    | <b>Paearu aromatawai   Assessment criteria</b>                                                                                                                                       |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Plan and prepare for the erection of sloping platforms. | a. The sloping platform scaffold plan is designed and drawn to scale to meet the confirmed client or supervisor requirements and the Good Practice Guidelines for Scaffolding in NZ. |
|                                                            | b. The necessary equipment is identified and sourced in accordance with the scaffold plan and the Good Practice Guidelines for Scaffolding in NZ.                                    |
|                                                            | c. The plan of a barrow ramp is sketched in accordance with the scaffold plan and the Good Practice Guidelines for Scaffolding in NZ.                                                |

| Hua o te ako   Learning outcomes             | Paearu aromatawai   Assessment criteria                                                                                                                                                        |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2. Erect a sloping platform and barrow ramp. | a. Standards and base are erected in accordance with Good Practice Guidelines for Scaffolding in NZ.                                                                                           |
|                                              | b. Transoms are connected to standards using double (right angle) couplers in accordance with the scaffold plan and the Good Practice Guidelines for Scaffolding in NZ.                        |
|                                              | c. The ledgers are connected to transoms with double (right angle) couplers in accordance with the scaffold plan and the Good Practice Guidelines for Scaffolding in NZ.                       |
|                                              | d. The putlogs are connected to ledgers with single couplers in accordance with the scaffold plan and the Good Practice Guidelines for Scaffolding in NZ.                                      |
|                                              | e. The guardrails, bracing and other components are installed in accordance with the scaffold plan and the Good Practice Guidelines for Scaffolding in NZ.                                     |
|                                              | f. The structure is planked in accordance with the scaffold plan and the Good Practice Guidelines for Scaffolding in NZ.                                                                       |
|                                              | g. The purpose and the steps of the installation process of cleats for barrow ramps are described in accordance with the scaffold plan and the Good Practice Guidelines for Scaffolding in NZ. |
| 3. Inspect and dismantle a sloping platform  | a. The structure is checked for compliance with the scaffold plan and inspection report is completed in accordance with the Good Practice Guidelines for Scaffolding in NZ                     |
|                                              | b. The scaffold is dismantled in sequence in accordance with the Good Practice Guidelines for Scaffolding in NZ and worksite requirements.                                                     |

### Pārongo aromatawai me te taumata paearu | Assessment information and grade criteria

#### Assessment specifications:

The candidate must be capable of designing, planning, preparing, erecting and dismantling a sloping platform and barrow ramp to the standards expected of a commercially competent scaffolder.

This skill 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.

Evidence is required of completing at least one sloping platform along with the demonstrated understanding of the purpose and the installation steps for cleats on a barrow ramp.

Assessment should not include scaffolding requiring a Chartered Professional Engineer to certify the adequacy of the design prior to the erection of the scaffold.

Candidates may carry out practical scaffolding activities as part of a team. However, assessment must confirm that each candidate has independently demonstrated competence in all aspects of the required assessment criteria. Evidence must confirm that the candidate has actively and independently applied the relevant skills, knowledge, and safety behaviors across the full scope of the standard, including compliance with regulatory and site-specific requirements.

Commercial competence requires a candidate to be capable of consistently performing the requirements:

- to current regulatory, industry and commercial standards
- within a commercially viable timeframe
- in commercial environments
- with limited supervision
- in different and unfamiliar contexts.

### *Definitions*

*Barrow ramps* refer to a specific type of sloping platform. They are cleated for foot holds and have a clear running space in the centre of the platform to allow the clear passage of a wheelbarrow tyre.

*Client* is an individual or representative of a company who commissions a particular scaffold or scaffolding structure to be erected or is an end user of the scaffold or scaffolding structure.

*Good Practice Guidelines for Scaffolding in NZ* contain specific requirements for scaffolds. For proprietary scaffolds the guidelines require use of manufacturer's specifications.

*Scaffold plan* refers to a key design document used as a basis for the erection of a particular scaffold. For this skill standard, the scaffold plan is required to be prepared by the candidate.

*Scaffolding* is as defined in the latest versions of the Good Practice Guidelines for Scaffolding in NZ and the Health and Safety in Employment Regulations 1995.

*Sloping platforms* are formed when scaffolding is erected at an angle from the horizontal to provide access from one level to another. For the purposes of this skill standard sloping platforms include barrow ramps.

### **Ngā momo whiwhinga** | Grades available

Achieved

### **Ihirangi waitohu** | Indicative content

Technical skills and knowledge

- Interpreting project instructions on agreed work to be carried out.
- Quality management systems.

- Regulatory, industry, Good Practice Guidelines for Scaffolding in NZ and manufacturer operating instructions.
- Scaffold plan – the load to be carried or supported, area to be covered, points to be linked, angle from the horizontal, optimum type of scaffolding available, placement of ledgers and transoms, consideration of guardrails, bracing and other safety components, optimum planking and components attached to vertical standards.
- Sloping platform requirements – the load to be carried or supported, area to be covered, points to be linked, angle from the horizontal and duration of use.
- The stability of sloping platforms – angle of ramp or platform slope, load bearing capacity and security at points of attachment.
- Dismantling – all components removed progressively. Components – kickboards mid rails, planks and ledgers.
- Methods to maintain clean and tidy sites.
- Safe loading and unloading of tools, equipment, and product.
- Manufacturer's product data specifications.

#### Communication, literacy and numeracy

- Required documentation.
- Workplace communication.
- Interpersonal skills.
- Measurement and calculation.

#### Rauemi | Resources

Legislation available at <http://legislation.govt.nz>

- Health and Safety at Work Act 2015;
  - 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.

#### Pārongo Whakaū Kouna | Quality assurance information

|                                                                                            |                                                               |
|--------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| <b>Ngā rōpū whakatau-paerewa  </b><br>Standard Setting Body                                | Construction and Specialist Trades Industry Skills Board      |
| <b>Whakaritenga Rārangi Paetae Aromatawai  </b><br>DASS classification                     | Service Sector > Lifting Equipment > Intermediate Scaffolding |
| <b>Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga  </b><br>CMR | 0120                                                          |

| Hātepe   Process                              | Putanga   Version                                 | Rā whakaputa   Review Date | Rā whakamutunga mō te aromatawai   Last date for assessment |
|-----------------------------------------------|---------------------------------------------------|----------------------------|-------------------------------------------------------------|
| Rēhītatanga   Registration                    | 1                                                 | 30 July 2026               | N/A                                                         |
| Kōrero whakakapinga   Replacement information | This skill standard replaced unit standard 23721. |                            |                                                             |
| Rā arotake   Planned review date              | 31 December 2031                                  |                            |                                                             |

Please contact the Construction and Specialist Trades Industry Skills Board at [info@cstisb.nz](mailto:info@cstisb.nz) if you wish to suggest changes to the content of this skill standard.