

## 41203 Base out, erect, and dismantle elementary proprietary falsework

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Kaupae   Level</b>     | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Whiwhinga   Credit</b> | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <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 confirm the load, base out and erect elementary proprietary falsework; check the structure for compliance and dismantle elementary proprietary falsework.</p> <p>This skill standard aligns with the New Zealand Certificate in Scaffolding (Elementary) (Level 4) [Ref: 5659].</p> |

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

| Hua o te ako   Learning outcomes              | Paearu aromatawai   Assessment criteria                                                                                                                                                                    |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Base out elementary proprietary falsework. | a. The load to be supported is identified and the load capacity is confirmed in accordance with the Good Practice Guidelines for Scaffolding in NZ, manufacturer specifications and falsework design.      |
|                                               | b. The finished height of the falsework structure is confirmed to determine required heights of beams, U-heads, standards or frames in accordance with the Good Practice Guidelines for Scaffolding in NZ. |
|                                               | c. The sole boards, base plates or base jacks are positioned and secured in accordance with the Good Practice Guidelines for Scaffolding in NZ, manufacturer specifications and falsework design.          |
|                                               | d. Elementary falsework is erected and braced in accordance with the Good Practice Guidelines for Scaffolding in NZ, manufacturer specifications and falsework design.                                     |
|                                               | e. The structure is checked to ensure it is vertical and squared in accordance with the Good Practice Guidelines for Scaffolding in NZ, manufacturer specifications and falsework design.                  |

| Hua o te ako   Learning outcomes                                                                                     | Paearu aromatawai   Assessment criteria                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2. Install elementary falsework for the next lift and complete the second level of elementary proprietary falsework. | a. The temporary platform and edge protection is installed in accordance with the Good Practice Guidelines for Scaffolding in NZ, manufacturer specifications and falsework design. |
|                                                                                                                      | b. Elementary falsework is braced in accordance with the Good Practice Guidelines for Scaffolding in NZ, manufacturer specifications or falsework design.                           |
|                                                                                                                      | c. The U head jacks and header beams are fitted in accordance with the Good Practice Guidelines for Scaffolding in NZ, manufacturer specifications and falsework plan.              |
| 3. Inspect and dismantle elementary proprietary falsework.                                                           | a. The structure is checked for compliance with the Good Practice Guidelines for Scaffolding in NZ and the falsework plan.                                                          |
|                                                                                                                      | b. The inspection report is completed in accordance with the Good Practice Guidelines for Scaffolding in NZ and industry standards.                                                 |
|                                                                                                                      | c. Changes are made where structure is not compliant to the Good Practice Guidelines for Scaffolding in NZ and industry standards and the inspection report is amended accordingly. |
|                                                                                                                      | d. The falsework is dismantled in sequence in accordance with the Good Practice Guidelines for Scaffolding in NZ, industry standards and worksite requirements.                     |

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

#### Assessment specifications:

The candidate must be capable of basing out, erecting and dismantling elementary falsework 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.

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*

*Falsework* is as defined in the GPG as scaffolding used to prop or support a load at height. Candidates are not required design the falsework.

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

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

*Scaffold plan* refers to a key design document used as a basis for the erection of a particular scaffold. For this skill standard it is not required to be prepared by the candidate.

## **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, the Good Practice Guidelines for Scaffolding in NZ and manufacturer operating instructions including engineer's recommendations.
- Falsework designs include dead loads, live loads, environmental loads, safe working loads.
- Braces include but not limited to proprietary system braces, lacing separate towers using tube and coupler.
- Sequence in erecting and dismantling.
- 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

- Relevant 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 Kounga | 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 > Elementary Scaffolding |
| <b>Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga  </b><br>CMR | 0120                                                        |

| <b>Hātepe  </b> Process                              | <b>Putanga  </b> Version                          | <b>Rā whakaputa  </b> Review Date | <b>Rā whakamutunga mō te aromatawai  </b> Last date for assessment |
|------------------------------------------------------|---------------------------------------------------|-----------------------------------|--------------------------------------------------------------------|
| <b>Rēhitatanga  </b> Registration                    | 1                                                 | 30 July 2026                      | N/A                                                                |
| <b>Kōrero whakakapinga  </b> Replacement information | This skill standard replaced unit standard 23226. |                                   |                                                                    |
| <b>Rā arotake  </b> 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.