

41210 Plan, prepare, erect, and dismantle catch fans

Kaupae Level	4
Whiwhinga Credit	6
Whāinga Purpose	This skill standard is for people intending to complete qualifications and credentials in the scaffolding trades. People with this skill standard have the skills to plan, prepare, erect and dismantle catch fan scaffolding and check the structure for stability and compliance. This skill standard aligns with the New Zealand Certificate in Scaffolding (Intermediate) (Level 4) [Ref: 5660].
Whakaakoranga me mātua oti Pre-requisites	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

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Plan, prepare and erect a catch fan.	a. The catch fan scaffold plan is sketched and the necessary equipment is identified and sourced to meet the confirmed client or supervisor requirements and the Good Practice Guidelines for Scaffolding in NZ.
	b. The spurs from the existing scaffold are erected in accordance with the scaffold plan and the Good Practice Guidelines for Scaffolding in NZ.
	c. The catch fan and the supporting scaffold are braced in accordance with the scaffold plan and the Good Practice Guidelines for Scaffolding in NZ.
	d. The additional ties are constructed at the level of the catch fan between the scaffold and the supporting structure in accordance with the scaffold plan and the Good Practice Guidelines for Scaffolding in NZ.
	e. The covering material is attached 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. Inspect and dismantle catch fan scaffolding.	a. The stability of catch fan(s) and associated scaffold are checked and confirmed in accordance with the Good Practice Guidelines for Scaffolding in NZ.
	b. The structure is checked for compliance with the scaffold plan and inspection report completed in accordance with the Good Practice Guidelines for Scaffolding in NZ.
	c. 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 planning, preparing, erecting and dismantling catch fan scaffolding 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 for two separate catch fans, one with spurs from above and one with spurs from below.

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:

Catch fans refer to cantilevered structures attached to scaffolding to contain falling debris and provide protection below the scaffolding. For the purposes of this skill standard catch platforms, catch screens, catch nets and fans attached to scaffolding using cantilevered assemblies are considered catch fans.

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 is a key design document prepared by the candidate and used as a basis for the erection of a particular scaffold. For this skill standard, a scaffold plan must 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.

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 area to be protected, placement in relation to the scaffold, spur up or spur down construction, bracing points and materials, tie points and methods to brace the supporting structure, the covering material used, scaffold plan, and engineering requirements.
- Scaffold plan sketches – number of bays, spacing between bays, bracing, guardrails and planking.
- Catch fan scaffolding requirements – the area to be protected, placement in relation to the scaffold, engineering and scaffold plan requirements, tie points to the supporting structure, methods to brace the supporting scaffold, safe method of erection, cleaning and dismantle.
- Covering materials – planks and ply, ply, screening and appropriate safety nets.
- Checking the stability of catch fan(s) and associated components – security of attachment points, security and integrity of covering material.
- Dismantling – all components removed progressively.
- 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 calculations.

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

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

Hātepe Process	Putanga Version	Rā whakaputa Review Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	1	30 July 2026	N/A
Kōrero whakakapinga Replacement information	This skill standard replaced unit standard 23718.		
Rā arotake Planned review date	31 December 2031		

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