

Ceiling frame L3 Carry out ceiling frame construction tasks under supervision

Kaupae Level	3
Whiwhinga Credit	
Whāinga Purpose	This skill standard recognises the skills required to carry out ceiling frame construction tasks under supervision. This skill standard contributes to qualifications designed for carpentry.

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

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. The components and construction requirements of ceiling framing systems are identified.	a. The requirements for construction of different types of ceiling framing, including components, are identified.
	b. The requirements for framing around penetrations within ceiling systems are identified.
2. Carry out construction tasks for single plane ceiling framing under supervision.	a. Components of ceiling framing systems are cut and prepared according to plans and specifications.
	b. Ceiling framing is set out and fixed to form framework at the correct height and suitable for linings.

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

Assessment specifications:

To achieve this standard the candidate must be capable of identifying, preparing and assembling components for a single plane ceiling frame with an internal or external corner, without penetrations, under supervision to industry standards.

Industry standards must reflect industry best practice, workplace procedures, and be within acceptable tolerances as defined in New Zealand codes, standards and regulations.

Plans and specifications can include working drawings, plan specifications, manufacturer specifications, installation instructions, work, demolition and project plans.

Under supervision refers to direction of work tasks being given by a qualified tradesperson.

This standard may be assessed in the workplace or a simulated work environment.

Evidence for this standard must be:

- to current and relevant Legislation, Standards, and Codes (including safety),
- in an environmentally sustainable manner,

- within an acceptable timeframe,
- with acceptable behaviours.

Ngā momo whiwhinga | Grades available

Achieved

Ihirangi waitohu | Indicative content

Types of ceiling framing

- Flat ceilings.
- Multiplane ceilings.
- Raking ceilings.
- Bulkheads.
- Stepped ceilings.
- Floating ceilings.

Ceiling framing components

- Ceiling joists.
- Perimeter angle/channel.
- Bottom chord of roof trusses.
- Suspended ceiling components.
- Ceiling battens.

Construction and assembly for linings

- Batten set-out and fixing: ceiling batten position and fixing.
- Perimeter angle/channel installation: installation to support ceiling edges.
- Proprietary batten clips: application and installation methods.
- Accommodating deviations: packers or adjustable clips.

Framing around penetrations

- Attic access: framing considerations for attic hatches or manholes.
- Truss integrity: why roof trusses must not be cut and alternative solutions.
- Types of penetrations: ceiling access, chimneys, flues, or skylights.
- Framing techniques: methods to ensure penetrations are safely and securely accommodated without compromising structural integrity.

Fixing Ceiling Framing

- Initial set-out: establishing accurate measurements and reference points.
- Batten fixing and ceiling height: ensuring battens are correctly set out and heights are consistent.
- Perimeter angle/channel installation: fixing to support ceiling linings.
- Adjustments for deviations: use of packers or adjustable clips for alignment.
- Additional fixings: identifying and applying any extra fixings required for stability.

Rauemi | Resources

Programme Guidance information available from qualifications@waihangaararau.nz.

Pārongo Whakaū Kounga | Quality assurance information

Ngā rōpū whakatau-paerewa Standard Setting Body	Waihanga Ara Rau Construction and Infrastructure Workforce Development Council
Whakaritenga Rārangi Paetae Aromatawai DASS classification	Planning and Construction > Construction Trades > Carpentry
Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	0048

Hātepe Process	Putanga Version	Rā whakaputa Review Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	1	[dd mm yyyy]	N/A
Kōrero whakakapinga Replacement information	This skill standard replaces unit standards:		
Rā arotake Planned review date	31 December 2029		

Please contact Waihanga Ara Rau Construction and Infrastructure Workforce Development Council at qualifications@waihangaararau.nz to suggest changes to the content of this skill standard.