

Frame L3 Carry out wall frame construction tasks under supervision

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

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

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Identify types and requirements of wall frame construction.	a. Types and properties of wall framing components, and their functions, are identified.
	b. Construction and fixing requirements of wall frames in accordance with plans and specifications are identified.
2. Carry out tasks to stand and fix wall frames under supervision.	a. The process for wall frames to construct, stand, plumb, straighten, and temporarily brace to substrates is carried out.
	b. The process for wall frames to be permanently fixed together and connected to floor and roof framing is carried out under supervision.

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

Assessment specifications:

To achieve this standard the candidate must be capable of carrying out wall frame construction tasks to a minimum of single story residential construction 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 and, 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

Components found in timber wall frames:

- Top plate and bottom plate, lintels, studs and double studs, dwangs/Nogs, jack studs, raking plates, trimming studs, blocking, sill trimmers.
- Ribbon boards and supplementary framing
- Bulkhead framing, supports for ceiling features.
- Shear wall framing:
- Double walls for fire-rated cell walls.
- Fixings: nails, screws, brackets, and anchors.

Timber types, sizes, finishes, and treatments:

- Types: planer gauged, engineered timber, and others.
- Sizes: standardized dimensions for various applications.
- Finishes: smooth, rough-sawn, or pre-coated.
- Defects: knots, warping, splitting, and other imperfections.
- Treatments: preservatives for durability and pest resistance.

Prefabricated beams and lintels:

- Role in structural support.
- Pre-manufactured options for efficiency and precision.

Engineering and design requirements:

- Specifications outlined in design documents.
- Compliance with structural and safety standards.

Calculating quantities:

- Materials estimation for framing components.
- Measuring and quantifying based on design plans.

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.