

40789**Carry out timber wall frame construction tasks**

Kaupae Level	3
Whiwhinga Credit	7
Whāinga Purpose	<p>This skill standard is for people intending to complete qualifications and credentials in the carpentry trades.</p> <p>People with this skill standard have the skills to carry out timber wall frame construction tasks under limited supervision.</p> <p>This skill standard may contribute to New Zealand qualifications designed for construction trades.</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 timber wall frame construction.	a. Types and properties of wall framing components, and their functions, are identified from plans and specifications.
	b. Construction and fixing requirements of wall frames are identified from plans and specifications.
2. Carry out construction tasks to stand and fix timber wall frames.	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.

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 timber wall frame construction tasks for a single-story residential construction under limited 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 limited supervision refers to candidates carrying out the requirements of this skill standard with basic guidance and indirect supervision from a suitably skilled tradesperson. They are expected to source some information independently from plans, specifications, or relevant New Zealand Standards.

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

Evidence for this standard must be demonstrated:

- 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.
- 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 Kouna | 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	0120

Hātepe Process	Putanga Version	Rā whakaputa Review Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	1	28 August 2025	N/A
Kōrero whakakapinga Replacement information	This skill standard replaced unit standard 32468.		
Rā arotake Planned review date	31 December 2030		

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.