

Deck L4 Construct timber decks

Kaupae Level	4
Whiwhinga Credit	
Whāinga Purpose	This skill standard recognises the skills required to construct timber decks. It contributes to the New Zealand Certificate in Carpentry (Level 4) with optional strand in Metal Roof Cladding Installation [Ref:2738].

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

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Construct timber decks.	a. Requirements and components for constructing timber decks and handrails are identified, including necessary preparations and considerations for construction.
	b. Preparations and set-out of decking are completed in accordance with plans, specifications and industry standards.
	c. Construction of decks is completed in accordance with plans, specifications and industry standards
	d. Decking is laid in accordance with plans, specifications, and manufacturer requirements, ensuring correct spacing, fastening, and alignment for durability and structural integrity.

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

Assessment specifications:

To achieve this standard the candidate must be capable of constructing complete timber decks including piles, sub-framing and decking 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.

This standard must be assessed in the workplace.

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,

- in different and unfamiliar contexts,
- with acceptable behaviours.

Ngā momo whiwhinga | Grades available

Achieved

Ihirangi waitohu | Indicative content

Timber deck construction:

- Calculating material quantities based on plans and specifications.
- Setting out and marking for excavation and pile placement.
- Excavating holes and placing piles accurately.
- Mixing and pouring concrete to secure piles, including checking pile height and alignment.
- Installing bearers, joists, stringer beams, and subfloor ventilation systems.
- Fixing and securing decking boards to meet industry standards.

Building code compliance:

- Relevant building code clauses for decks, stairs, and ramps.
- Ensuring barriers, handrails, and other safety elements align with minimum height and load-bearing requirements.

Plans and specifications:

- Reading and interpreting construction plans, specifications, and drawings.
- Identifying key details for set-out, material requirements, and construction methods.

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
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Rēhitanga 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.

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