

**40562****Construct a timber deck as a BCATS project**

<b>Kaupae   Level</b>	2
<b>Whiwhinga   Credit</b>	6
<b>Whāinga   Purpose</b>	<p>This skill standard is for people intending to develop basic skills and knowledge relevant to various building, construction, and allied trades contexts.</p> <p>This skill standard recognises the skills to construct a spaced residential timber deck as a project for building, construction, and allied trades.</p> <p>This skill standard may align with the New Zealand Certificate in Building, Construction, and Allied Trades Skills (Level 2) [Ref: 3844].</p>

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

<b>Hua o te ako   Learning outcomes</b>	<b>Paearu aromatawai   Assessment criteria</b>
1. Construct a timber deck as a BCATS project.	a. Deck materials are identified, and a cutting list is prepared according to BCATS project documentation.
	b. Pile holes set out and dug and piles placed to the spacings and depth to meet documentation requirements.
	c. Deck bearers, joists and surface are set out, cut and fixed to meet documentation requirements.
	d. Deck is finished to create an appropriate surface and to meet documentation requirements.
	e. Quality control checks are undertaken to confirm project meets documentation requirements.

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

Candidates are required to complete each of the project tasks to construct a timber deck. The deck constructed for this assessment must be no greater than one metre in height above ground. The deck may be a section of a larger group project.

**It is expected that:**

- candidates use a range of techniques and tools.
- the terrain allows for candidates to excavate post holes using hand tools without significant obstacles such as large rocks or tree roots.
- documentation for the project is provided to candidates.
- minor blemishes in the project do not affect functionality.

*Finish* refers to the documented final treatment of the project and may include smooth edges and corners, sanding, application of stains, coatings or coverings.

### Ngā momo whiwhinga | Grades available

Achieved / Merit / Excellence.

Paetae   Achieved	Kaiaka   Merit	Kairangi   Excellence
Construct a timber deck as a BCATS project.	Construct a timber deck efficiently as a BCATS project.	Construct a timber deck skilfully as a BCATS project.

*Kaiaka/Merit: Efficiently* refers to the efficient use of construction techniques and overall attention to detail, resulting in a well-executed deck.

*Kairangi/Excellence: Skilfully* refers to the precise use of construction techniques, resulting in a consistent, durable and a visually aesthetic deck.

### Ihirangi waitohu | Indicative content

- Appropriate materials for construction of a timber deck.
- Basic terminology and calculations to help with the cutting list.
- Tools required to build the deck.
- Setting up and maintaining a safe worksite.
- Deck piles.
- Cutting techniques for bearers and joists.
- Fixing techniques.
- Decking surface.
- Finishing processes.
- Reflection on the success or failure of the project.
- Quality control checks.

### Rauemi | Resources

BCATS Programme Guidance, available from [qualifications@waihangaararau.nz](mailto:qualifications@waihangaararau.nz).

New Zealand Building Code, available from [www.building.govt.nz](http://www.building.govt.nz).

NZS3604:2011 *Timber Framed Buildings*, available from <http://www.standards.co.nz>.

**Pārongo Whakaū Kouna | Quality assurance information**

<b>Ngā rōpū whakatau-paerewa  </b> Standard Setting Body	Waihanga Ara Rau Construction and Infrastructure Workforce Development Council
<b>Whakaritenga Rārangi Paetae Aromatawai  </b> DASS classification	Planning and Construction > Construction Trades > Building, Construction, and Allied Trades Skills
<b>Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga  </b> CMR	0120

<b>Hātepe   Process</b>	<b>Putanga   Version</b>	<b>Rā whakaputa   Review Date</b>	<b>Rā whakamutunga mō te aromatawai   Last date for assessment</b>
<b>Rēhitatanga   Registration</b>	1	29 May 2025	N/A
<b>Kōrero whakakapinga   Replacement information</b>	This skill standard replaced unit standard 12935.		
<b>Rā arotake   Planned review date</b>	31 December 2030		

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