

40563 Construct a utility building as a BCATS project

Kaupae Level	2
Whiwhinga Credit	6
Whāinga Purpose	<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 non-consent timber framed utility building 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

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Construct a utility building as a BCATS project.	a. Building components are identified, prepared, and cut according to BCATS project documentation.
	b. Framing components are set out, assembled and erected to meet documentation requirements.
	c. Exterior wall and roof cladding is fixed to meet documentation requirements.
	d. Building is finished to meet documentation requirements.
	e. Building is checked for weather tightness and finished to meet 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 utility, non-consent building. A non-consent timber framed utility building in this context refers to a building of less than 30 m² in size. If a deck is attached, it must be no more than one metre in height. There should be no utilities installed in the building. Examples include a pergola with framed roof or storage shed. The construction of the utility building may be part of a group project.

It is expected that minor blemishes in the project that 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.

Framing includes wall and roof frames.

Ngā momo whiwhinga | Grades available

Achieved / Merit / Excellence.

Paetae Achieved	Kaiaka Merit	Kairangi Excellence
Construct a utility building as a BCATS project.	Efficiently construct a utility building as a BCATS project.	Skilfully construct a utility building 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 building.

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

Ihirangi waitohu | Indicative content

- Building code requirements for timber utility buildings.
- Appropriate materials for timber utility buildings.
- Basic terminology and calculations to help with the cutting list.
- Tools required to construct the utility building.
- Setting up and maintaining a safe worksite.
- Loads on structures.
- Cutting techniques for framing components.
- Construction and assembly processes.
- Finishing processes.
- Reflection on the success or failure of the project.
- Quality control checks.

Rauemi | Resources

BCATS Programme Guidance, available from qualifications@waihangaararau.nz.

New Zealand Building Code, available from www.building.govt.nz.

NZS3604:2011 *Timber Framed Buildings*, available from www.standards.co.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 > Building, Construction, and Allied Trades Skills
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	29 May 2025	N/A
Kōrero whakakapinga Replacement information	This skill standard replaced unit standard 12936.		
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.