

40544**Carry out construction processes for a BCATS project or related tasks**

Kaupae Level	1
Whiwhinga Credit	8
Whāinga Purpose	<p>This skill standard is for people intending to gain an introduction to basic skills relevant to the building, construction, and allied trades sectors.</p> <p>This skill standard recognises the skills to apply fundamental construction processes in a project or related tasks for building, construction, and allied trades.</p> <p>This skill standard aligns with the New Zealand Certificate in Building, Construction, and Allied Trades Skills (Level 1) [Ref: 3843].</p>

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

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Carry out construction processes for a BCATS project or related tasks.	a. Components are marked out, cut, and shaped within given tolerances.
	b. Components are checked for suitability and are assembled in sequence using appropriate methods according to BCATS project documentation.
	c. Finishing processes are carried out to complete a BCATS project or related tasks according to specified finish.
	d. Construction is evaluated and areas of strength and personal improvement for future projects are identified.

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

Candidates must demonstrate competence for this skill standard while undertaking a project or related tasks. Projects or related tasks at this level should demonstrate basic processes and techniques, using a limited range of tools, focusing on following instructions and plans to achieve the project requirements.

Construction processes refer to the series of steps and activities involved in a BCATS project or related tasks. These processes include to cutting, fixing/assembling, and finishing components, quality control procedures, and evaluating the project, according to the project documentation.

Given tolerances refer to allowable variation in measurements for the finished product as specified in project documentation or as agreed and documented between the teacher/assessor and learner.

Ngā momo whiwhinga | Grades available

Achieved / Merit / Excellence.

Paetae Achieved	Kaiaka Merit	Kairangi Excellence
Carry out construction processes for a BCATS project or related tasks.	Efficiently carry out construction processes for a BCATS project or related tasks.	Skilfully carry out construction processes for a BCATS project or related tasks.

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

Kairangi/Excellence: Skilfully refers to the use of precise construction techniques, resulting in a high-quality project outcome and development of construction skills.

Ihirangi waitohu | Indicative content**Preparation**

- Measurements required to mark out materials.
- Confirmation of requirements from project documentation.

Completion of tasks

- Cutting, shaping, and assembly techniques.
- Different finishings as appropriate to the materials.
- Working to tolerances and reasons for this.

Project evaluation

- Identification of strengths and areas for improvement related to the project – construction techniques, use of tools, accuracy, interpretation of project documentation, working with materials, given tolerances.
- Comparison of the completed project to project requirements.
- Revision required during construction.
- Alternatives – construction methods, fixing techniques, joints, materials, tools.

Rauemi | Resources

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

Building Performance Guidance: Guide to tolerances, materials and workmanship in new residential construction (Ministry of Business, Innovation & Employment, May 2015), available from <https://www.building.govt.nz/projects-and-consents/sign-off-and-maintenance/completing-your-project/how-to-identify-defects/tolerances-materials-workmanship-new-residential-construction/>.

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 replaces unit standard 24356.		
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.