

40576 Undertake and evaluate a BCATS project

Kaupae Level	3
Whiwhinga Credit	8
Whāinga Purpose	<p>This skill standard is for people intending to develop underpinning skills and knowledge of building, construction, and allied trades.</p> <p>This skill standard recognises the skills to undertake and evaluate 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 3) [Ref: 3845].</p>

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

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Undertake and evaluate a BCATS project.	a. Project components are marked out, processed, and assembled according to BCATS project documentation.
	b. Finishing processes are completed to meet project documentation.
	c. The finished product is evaluated against project documentation, with consideration for its suitability for the intended use and environment.
	d. Recommendations for future projects are identified and recorded appropriately.

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

Assessment specifications:

Candidates are required to meet each of the project requirements for the completion of a BCATS project within acceptable tolerances. Candidates may complete the assessment requirements individually or as a group member working on a larger project. If participating in a group, candidates must demonstrate skill for all assessment criteria to be deemed competent.

Projects at this level should reflect a focus on industry entry-level skills and complexity, using a wide range of techniques and strategies, materials, and equipment. Refer to the BCATS Programme Guidance document for a list of appropriate examples.

Acceptable tolerances refer to allowable variation in measurements for the finished project 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
Undertake and evaluate a BCATS project.	Efficiently undertake and evaluate a BCATS project.	Skilfully undertake and evaluate a BCATS project.

Kaiaka/Merit: Efficiently refers to use of efficient techniques and attention to detail for project tasks, and an evaluation that informs considerations for future projects.

Kairangi/Excellence: Skilfully refers to use of precise techniques that results in a high-quality project outcome and comprehensive evaluation throughout.

Ihirangi waitohu | Indicative content

Undertaking

- Measuring and marking out.
- Processing and assembly techniques.
- Different finishings as appropriate to the materials
- Working to tolerances.
- Construction sequences.
- Working within a BCATS environment.
- Attention to details.

Evaluation

- Material use.
- Strengths and limitations of construction skills.
- Strengths and limitations of available resources.
- Development of construction skills.
- Applying skills and techniques to other projects.
- Adaptions to project construction and outcomes.
- Considerations for the evaluation of BCATS projects.
- Suitability for the intended environment.

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 replaced unit standard 29684.		
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.