

40552 Use materials for a BCATS project

Kaupae Level	2
Whiwhinga Credit	5
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 knowledge and skills to use materials in a project 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 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. Use materials for a BCATS project.	a. Properties and storage requirements for different timber and other BCATS materials are identified to ensure suitability for use.
	b. Project documentation is interpreted to identify the required material types, measurements and quantities.
	c. Materials are handled and used for their intended purpose to meet project requirements.
	d. Materials are used to minimise wastage, and any waste is disposed of safely.

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

Assessment specifications:

Candidates must demonstrate competence for this skill standard while undertaking at least one project. Projects at this level can be prescribed, with a focus on industry entry-level skills, using a range of techniques and tools to achieve the project requirements.

Project requirements may refer to progression of tasks, required quality checks and standard of finishing, project timelines, health and safety, and environmental considerations.

Suitability for use may refer to environmental conditions the project may be exposed to, cost, workability, availability, suitability, ethical considerations, environmental considerations.

Candidates must use a range of materials used for building, construction, and allied trades. This may include adhesives, coatings, manufactured boards, aluminium, copper, resin, plastic, recycled materials, timber, galvanised steel, stainless steel, sheet materials, glass, masonry, hardware, upholstery (fabric or leather).

Ngā momo whiwhinga | Grades available

Achieved / Merit / Excellence.

Paetae Achieved	Kaiaka Merit	Kairangi Excellence
Use materials for a BCATS project.	Efficiently use materials for a BCATS project.	Skilfully use materials for a BCATS project.

Kaiaka | Merit: Efficiently refers to consistent attention to material properties with the selection, use and handling of materials.

Kairangi | Excellence: Skilfully refers to optimal selection, use and handling of materials with waste minimised to the greatest practical extent.

Ihirangi waitohu | Indicative content

- Common environmental conditions that can result in deterioration of construction materials.
- Factors that influence the selection of materials for BCATS projects.
- Purpose and properties of materials used for BCATS projects.
- Sustainable practices when using construction materials.
- Material storage.
- Types of preservation treatment for building timbers and their applications.
- Managing material waste.
- Recycling, reuse and repurpose of materials.
- Optimising material use – suitability for the project, amount of material required, cutting, construction or application techniques.
- Safe use of materials.

Rauemi | Resources

BCATS Programme Guidance, available from qualifications@waihangaararau.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 replaces unit standard 24360.		
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.