

40543 Use basic power tools for a BCATS project or related tasks

Kaupae Level	1
Whiwhinga Credit	5
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 use power tools for a project or related tasks for building, construction, or 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. Use basic power tools for a BCATS project or related tasks.	a. Appropriate power tools to be used for different tasks in a BCATS project are identified.
	b. Appropriate personal protective equipment is used according to manufacturer's instructions.
	c. Tools are selected, set up and used safely with appropriate techniques, according to manufacturer's instructions, to complete project tasks.
	d. Tools are cleaned and stored, free of dust, rust, and power source between uses.
	e. Damaged, blunt, or faulty tools that are not suitable for use 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 basic power tools, focusing on following instructions and plans to achieve the project requirements.

Power tools refer to electric power tools and pneumatic and battery powered tools that are not fixed and can be carried and used in the hands.

For the assessment, candidates must use a range of basic power tools to complete a BCATS project or related tasks. This may include battery operated drill, brad gun, buffer, disk sander, domino/biscuit jointer, electric drill, electric impact driver, handheld belt sander, handheld precision grinder, hot-air gun, jigsaw, laminate trimmer, nibbler, orbital sander, polishing machine, router, soldering iron.

Ngā momo whiwhinga | Grades available

Achieved / Merit / Excellence.

Paetae Achieved	Kaiaka Merit	Kairangi Excellence
Use basic power tools for a BCATS project or related tasks	Use basic power tools effectively for a BCATS project or related tasks.	Use basic power tools skilfully for a BCATS project or related tasks.

Kaiaka | Merit: Effectively refers to consistent and safe techniques for power tool use.

Kairangi | Excellence: Skilfully refers to optimal selection and precise use of power tools.

Ihirangi waitohu | Indicative content

Planning for use of tools

- PPE requirements for the use of power tools.
- Capabilities and limitations of power tools.
- Common hazards with power tools and controls that should be put in place before use.
- Electrical safety with power tools and why it is important.

Use of tools

- Basic maintenance and care of power tools, including battery care and charging.
- Checking for faults.
- Correct set-up for power tools and workstations independently.
- Safe and efficient techniques for use of tools.
- Clamping items securely to work benches when using routers or jigsaws.

Rauemi | Resources

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

Pārongo Whakaū Kounga | 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	N/A		
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.