

## 40571 Manage the use of tools, equipment, and machinery for a BCATS project

<b>Kaupae   Level</b>	3
<b>Whiwhinga   Credit</b>	5
<b>Whāinga   Purpose</b>	<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 manage the use of, and maintain, tools, equipment, and machinery 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 3) [Ref: 3845].</p>

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

<b>Hua o te ako   Learning outcomes</b>	<b>Paearu aromatawai   Assessment criteria</b>
1. Manage the use of tools, equipment, and machinery for a BCATS project.	a. Appropriate tools, equipment, and machinery are selected to meet project requirements.
	b. Selected items are set up, inspected, and used safely to meet project requirements.
	c. Tools, equipment, and machinery are maintained appropriately, and any damaged or faulty items are reported.

### 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. 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.

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.

*Equipment* refers to the range of familiar non-mechanical equipment or mechanical equipment typically required for own use in the completion of a project within a BCATS environment.

*Machinery* refers to familiar fixed or mobile machinery typically required for use in the completion of a project within a BCATS environment.

*Maintenance* refers to the general tasks performed to keep tools, equipment, and machinery in working order, and does not include tasks requiring the services of a specialist engineer or service technician.

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

*Tools* refer to the range of familiar hand and power tools typically required for own use in the completion of a project within a BCATS environment.

### Ngā momo whiwhinga | Grades available

Achieved / Merit / Excellence.

Paetae   Achieved	Kaiaka   Merit	Kairangi   Excellence
Manage the use of tools, equipment, and machinery for a BCATS project.	Efficiently manage the use of tools, equipment, and machinery for a BCATS project.	Skilfully manage the use of tools, equipment, and machinery for a BCATS project.

*Kaiaka/Merit: Efficiently* refers to attention to detail in the project requirements, tool, equipment and machinery selection, use and maintenance.

*Kairangi/Excellence: Skilfully* refers to precision and control in tool, equipment and machinery selection, set-up and use, and maintenance, ensuring optimal results and safety.

### Ihirangi waitohu | Indicative content

Use of tools, equipment, and machinery

- Capabilities and limitations of hand and power tools.
- Purpose, advantages, and limitations of fixed machinery.
- Methods of safeguarding power tools and machinery.
- Correct startup, use and shutdown of fixed machinery.
- Electricity safety.
- Dust and noise management.
- Safety of self and others in the BCATS environment.

Procedures after use of tools, equipment, and machinery

- Maintenance tasks, such as changing blades.
- Routine vs scheduled maintenance.
- Safe storage requirements.

### Rauemi | Resources

BCATS Programme Guidance document, available from [www.waihangaararau.nz](http://www.waihangaararau.nz).

**Pārongo Whakaū Kouna | Quality assurance information**

<b>Ngā rōpū whakatau-paerewa  </b> Standard Setting Body	Waihanga Ara Rau Construction and Infrastructure Workforce Development Council
<b>Whakaritenga Rārangi Paetae Aromatawai  </b> DASS classification	Planning and Construction > Construction Trades > Building, Construction, and Allied Trades Skills
<b>Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga  </b> CMR	0120

<b>Hātepe   Process</b>	<b>Putanga  </b> Version	<b>Rā whakaputa  </b> Review Date	<b>Rā whakamutunga mō te aromatawai  </b> Last date for assessment
<b>Rēhitatanga   Registration</b>	1	29 May 2025	N/A
<b>Kōrero whakakapinga  </b> Replacement information	This skill standard replaced unit standard 29682.		
<b>Rā arotake  </b> Planned review date	31 December 2030		

Please contact Waihanga Ara Rau Construction and Infrastructure Workforce Development Council at [qualifications@waihangaararau.nz](mailto:qualifications@waihangaararau.nz) to suggest changes to the content of this skill standard.