

## 40546 Create joints for a BCATS project or related tasks

<b>Kaupae   Level</b>	1
<b>Whiwhinga   Credit</b>	4
<b>Whāinga   Purpose</b>	<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 create joints 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. Create joints for a BCATS project or related tasks.	a. Joint types are confirmed from BCATS project documentation.
	b. Jointing methods are used that are suitable for the project's joint types.
	c. Joints are assembled to align and prevent movement of components, and to meet project requirements.

### 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.

Examples of appropriate joint types for use by candidates for assessment include box joint, boxpin joint, butt joint, dowelled, halving, housing, mitre, rebated, riveted, soldered, MIG welded, spot welded.

### Ngā momo whiwhinga | Grades available

Achieved / Merit / Excellence.

Paetae   Achieved	Kaiaka   Merit	Kairangi   Excellence
Create joints for a BCATS project or related tasks.	Create strong and secure joints for a BCATS project of related task.	Create reliable and durable joints for a BCATS project or related tasks.

**Kaiaka | Merit:** Strong and secure refers to joints that can support weight.

**Kairangi | Excellence:** Reliable and durable refers to accurate joints that will not wear down or become weak over time.

### Ihirangi waitohu | Indicative content

- Reasons for using different types of joints.
- Methods of construction for different types of joints.
- Quality measures for well-constructed joints.
- Joint durability.
- Managing loads.

### Rauemi | Resources

BCATS Programme Guidance, available from [qualifications@waihangaararau.nz](mailto:qualifications@waihangaararau.nz).

### Pārongo Whakaū Kounga | 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  </b> Process	<b>Putanga  </b> Version	<b>Rā whakaputa  </b> Review Date	<b>Rā whakamutunga mō te aromatawai  </b> Last date for assessment
<b>Rēhitatanga  </b> Registration	1	29 May 2025	N/A
<b>Kōrero whakakapinga  </b> Replacement information	This skill standard replaces unit standard 25920.		
<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.