

Title	Use joints for a BCATS project		
Level	1	Credits	3

Purpose	<p>This unit standard has been designed to be achieved in a building, construction, and allied trades skills (BCATS) programme.</p> <p>People credited with this unit standard are able to, for a BCATS project: identify and describe types of joints and select jointing methods; use joints; and complete work operations.</p>
----------------	---

Classification	Construction Trades > Building, Construction, and Allied Trades Skills
-----------------------	--

Available grade	Achieved
------------------------	----------

Guidance Information

1 Definitions

BCATS environment refers to any workplace or context where work or activities related to the building, construction and allied trades sector take place, such as school workshops, training establishments, outdoor areas and industry placement workplaces.

BCATS project refers to a project undertaken in a highly structured BCATS environment, using a range of tools, equipment and materials, and involving basic skills.

BCATS project documentation refers to the information and instructions (oral, written, graphic) that detail the parameters of and planning for a BCATS project. The BCATS project documentation may include such things as project briefs, project plans, working drawings, specifications, and quality control procedures, but this will vary depending on the particular BCATS environment and BCATS project.

Workplace practice refers to the procedures specific to a BCATS environment, which cover the standard and required practices of that environment.

2 Assessment against this unit standard may occur in any BCATS environment.

3 Information supporting assessment decisions should, wherever possible, be collected naturally as the BCATS project progresses.

4 Candidates are required to complete a BCATS project. Examples of suitable projects include – tables, rabbit hutches, tool boxes, or projects of similar complexity.

5 Legislation relevant to this unit standard includes:
 Health and Safety at Work Act 2015;
 Health and Safety at Work Regulations 2016.

Outcomes and performance criteria

Outcome 1

Identify and describe types of joints and select jointing methods for a BCATS project.

Performance criteria

- 1.1 Types of joints are identified and described in terms of purpose and method of construction.
- 1.2 BCATS project documentation is obtained, and verified with the supervisor, in accordance with workplace practice.
- 1.3 Jointing requirements are identified from BCATS project documentation.
- 1.4 Jointing methods are selected in accordance with BCATS project documentation and workplace practice.

Outcome 2

Use joints for a BCATS project.

Range at least two of – mitre, dovetail, housing, mortise and tenon, rebated, halving, dowelled, biscuit, welded, soldered, riveted.

Performance criteria

- 2.1 Joints are set out and cut in accordance with BCATS project documentation and workplace practice.
- 2.2 Joints are assembled and fixed in accordance with BCATS project documentation and workplace practice.

Outcome 3

Complete work operations.

Performance criteria

- 3.1 All operations are safely completed in accordance with workplace practice.
- 3.2 Workplace, tools, plant and equipment are cleaned, and tools, plant and equipment are stored in accordance with workplace practice.

Planned review date	31 December 2023
----------------------------	------------------

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	21 August 2009	31 December 2018
Rollover and Revision	2	20 October 2016	31 December 2020
Review	3	1 November 2018	N/A

Consent and Moderation Requirements (CMR) reference

0048

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact the Building and Construction Industry Training Organisation national.office@bcito.org.nz if you wish to suggest changes to the content of this unit standard.