

Title	Construct a spaced residential timber deck up to one metre high as a BCATS project		
Level	2	Credits	8

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: calculate quantities and prepare an order for materials; set out and construct; and complete work operations for a spaced residential timber deck up to one metre high.</p>
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Classification	Construction Trades > Building, Construction, and Allied Trades Skills
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Available grade	Achieved
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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 BCATS environment under general supervision, using a range of tools, equipment and materials, and involving standard processes.

BCATS project documentation refers to 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.

Working drawings are the set of drawings associated with a construction project, and can include plans, elevations, sections, details or any other drawings that give information about the project.

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

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

- 3 Legislation relevant to this unit standard includes:
Health and Safety at Work Act 2015;
Health and Safety at Work Regulations 2016;
Building Act 2004;
New Zealand Building Code;
NZS3604:2011 *Timber Framed Buildings*, available from Standards NZ
(<http://www.standards.co.nz>).

Outcomes and performance criteria

Outcome 1

Calculate quantities and prepare an order for materials for a spaced residential timber deck up to one metre high.

Performance criteria

- 1.1 Quantities of materials are calculated from BCATS project documentation.
- 1.2 An order for materials is prepared in accordance with BCATS project documentation.

Outcome 2

Set out and construct a spaced residential timber deck up to one metre high.

Performance criteria

- 2.1 Pile positions are set out and holes excavated in accordance with BCATS project documentation.
- 2.2 Piles are placed in accordance with BCATS project documentation.
- 2.3 Bearers and joists are set out, cut and fixed in accordance with BCATS project documentation.
- 2.4 Decking is cut, fixed and finished in accordance with BCATS project documentation.

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.

Replacement information	This unit standard was replaced by skill standard 40562.
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This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	21 May 1999	31 December 2018
Review	2	27 August 2001	31 December 2018
Review	3	14 December 2007	31 December 2018
Rollover and Revision	4	20 October 2016	31 December 2020
Review	5	1 November 2018	31 December 2027
Review	6	29 May 2025	31 December 2027

Consent and Moderation Requirements (CMR) reference	0048
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.