

<b>Title</b>	<b>Construct and perform routine maintenance on a basic residential timber fence as a BCATS project</b>		
<b>Level</b>	<b>2</b>	<b>Credits</b>	<b>4</b>

<b>Purpose</b>	<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 for the construction of a basic residential timber fence; construct and perform routine maintenance on a basic residential timber fence; and complete work operations.</p>
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<b>Classification</b>	Construction Trades > Building, Construction, and Allied Trades Skills
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<b>Available grade</b>	Achieved
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## Guidance Information

### 1 Definitions

*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.

*Specifications* refers to documented instructions (oral, written, graphic) and may include any of the following: manufacturers' specifications, recommendations or technical data sheets; material specifications; specifications from a specialist source such as an architect, designer, engineer or a supervisor; site or work specific requirements.

*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 the 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 Candidates are required to complete a timber fence with a minimum length of 4.8 metres (three posts) and clad it with timber palings or sheet metal.
- 4 The routine maintenance can be performed on a fence other than the one constructed for this unit standard.

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

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## Outcomes and performance criteria

### Outcome 1

Calculate quantities and prepare an order for materials for the construction a basic residential timber fence.

#### Performance criteria

- 1.1 Quantities of materials are calculated from working drawings and job specifications.
- 1.2 An order for materials is prepared in accordance with workplace practice.

### Outcome 2

Construct a basic residential timber fence as a BCATS project.

#### Performance criteria

- 2.1 Post positions are set out, and post holes are excavated in accordance with working drawings and job specifications.
- 2.2 Posts and rails are set up and fixed in accordance with working drawings and job specifications.
- 2.3 Cladding is fixed and the fence is finished in accordance with working drawings and job specifications.

### Outcome 3

Perform routine maintenance on a basic residential timber fence.

#### Performance criteria

- 3.1 Fence is checked for damage and wear.
- 3.2 Damaged or worn components are replaced in accordance with workplace practice.

### Outcome 4

Complete work operations.

#### Performance criteria

- 4.1 All operations are completed safely in accordance with workplace practice.

- 4.2 Workplace, tools, plant and equipment are cleaned, and tools, plant and equipment are stored in accordance with workplace practice.

<b>Replacement information</b>	This unit standard replaced unit standard 22129.
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<b>Planned review date</b>	31 December 2024
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#### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	25 July 2019	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0048
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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](mailto:national.office@bcito.org.nz) if you wish to suggest changes to the content of this unit standard.