

Title	Construct a basic retaining wall as a BCATS project		
Level	2	Credits	4

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; construct, and complete work operations for a basic retaining wall.</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.

Job 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 retaining wall with a height of between 350 millimetres and 1 metre, and a total perimeter length of not less than 1.2 metres.

- 4 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

Calculate quantities and prepare an order for materials for a basic retaining wall.

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 retaining wall.

Performance criteria

- 2.1 Retaining wall foundation is set out and excavated in accordance with working drawings and job specifications.
- 2.2 Retaining wall is constructed and finished in accordance with working drawings and job specifications.

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
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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	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.