

<b>Title</b>	<b>Build a straight block wall with a return corner</b>		
<b>Level</b>	<b>2</b>	<b>Credits</b>	<b>12</b>

<b>Purpose</b>	People credited with this unit standard are able to: set up block laying work area; lay blocks to form a straight wall with a return corner; and complete work operations.
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<b>Classification</b>	Masonry > Brick and Block Laying
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 **Scope**  
To demonstrate competence, minimum dimensions of wall should be 1m x 3m x 1.2m high to include corner, and return corner.
- 2 **Assessment**  
This unit standard must be assessed against on the basis of evidence of demonstrated performance in the workplace and/or situations that reflect the workplace environment.
- 3 **Definitions**  
*Buttered* refers to putting mortar on the end of the block where it butts up against the previous block.  
*Industry practice* refers to the expected standard required at the location in which credit for this standard is sought; such standards may be set down in: industry codes of practice, enterprise procedures, which refer to documented procedures specific to the enterprise which set out the standard business practice, and activities of that enterprise.  
*Plant* refers to appliances, equipment, fittings, furniture, implements, machines, machinery, tools, vehicles, plus parts, controls, and anything connected to such plant.  
*Site safety plan* refers to the documented safety plan which is required by law to ensure compliance with the Health and Safety at Work Act 2015.  
*Specifications* refer to any, or all of the following: manufacturer's specifications and/or recommendations; site and/or workplace specific requirements.
- 4 **New Zealand Standards, legislation, and good practice guidelines relevant to this unit standard include the following, and any subsequent amendments and replacements:**  
Health and Safety at Work Act, 2015;  
Resource Management Act, 1991; available from [www.legislation.govt.nz](http://www.legislation.govt.nz).  
NZS 4210:2001, *Masonry Construction: Materials and Workmanship*;  
NZS 3604:2011, *Timber Framed Buildings*;  
NZS 4229:2013, *Earth buildings not requiring specific engineering design*;

NZS 4230:2004, *Design of reinforced concrete masonry structures*; available from [www.standards.govt.nz](http://www.standards.govt.nz).

*Good Practice Guidelines for Scaffolding*, 2016, Worksafe available from <https://www.worksafe.govt.nz>.

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## Outcomes and performance criteria

### Outcome 1

Set up block laying work area.

#### Performance criteria

- 1.1 Area where wall is to be erected is confirmed as being in accordance with the project plans and specifications.
- 1.2 Actions are taken in the event that site is unsuitable for erection of wall in accordance with industry practice and delegated authority.
- 1.3 Plant and materials are located in accordance with workflow.  
  
Range may include but is not limited to – accessibility, services, protection against weather.
- 1.4 Materials are used in accordance with the specifications.
- 1.5 Work is set out in accordance with gauge and the specifications.  
  
Range includes but is not limited to – bond type, cuts, broken bonds.
- 1.6 Work of other trades is protected prior to commencement of work and during work in accordance with industry practice.

### Outcome 2

Lay blocks to form a straight wall with a return corner.

#### Performance criteria

- 2.1 Mortar is mixed in accordance with the specifications.
- 2.2 Mortar is face shell bedded to ensure even cover in accordance with the specifications.
- 2.3 Block ends are face shell buttered to ensure ends are fully covered.
- 2.4 First course is laid level, plumb and to line in accordance with the specifications.
- 2.5 Corner is built to plumb, level, and gauge in accordance with the specifications.
- 2.6 Blocks are laid and reinforced in accordance with the specifications.

2.7 Pointing profile and pointing are completed in accordance with NZS 4210.

2.8 Job is left in clean and tidy condition in accordance with industry practice.

### Outcome 3

Complete work operations.

#### Performance criteria

- 3.1 All activities are complied with safety requirements set down in the site safety plan and without damage to project, plant, staff or materials.
- 3.2 All plant is used, maintained, cleaned, and stored and work site left as specified in accordance with manufacturers, and/or legislative requirements.
- 3.3 All documentation is completed in accordance with industry practice.
- 3.4 Surplus materials are dealt with in accordance with industry practice and legislative requirements.

<b>Planned review date</b>	31 December 2027
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#### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	16 January 1997	31 December 2011
Revision	2	8 April 1999	31 December 2011
Review	3	21 September 2007	31 December 2011
Revision	4	21 July 2011	31 December 2024
Review	5	30 June 2022	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 Waihanga Ara Rau Construction and Infrastructure Workforce Development Council at [qualifications@waihangaararau.nz](mailto:qualifications@waihangaararau.nz) if you wish to suggest changes to the content of this unit standard.