

Title	Lay clay or concrete brick, clay or concrete paving units and natural stone		
Level	3	Credits	8

Purpose	People credited with this unit standard are able to: lay clay or concrete bricks, paving units, and natural stone as a rigid surface; lay clay or concrete bricks, paving units, and natural stone as a flexible surface; and complete work operations.
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Classification	Masonry > Brick and Block Laying
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Available grade	Achieved
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Explanatory notes

- 1 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.
- 2 Definitions

Buttered refers to putting mortar on the end of the brick where it butts up against the previous brick.

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.

Site safety plan refers to the documented safety plan which is required by law to ensure compliance with the Health and Safety in Employment Act, 1992.

Specifications refer to any, or all of the following:

 - manufacturer's specifications and/or recommendations;
 - site and/or workplace specific requirements.

Plant refers to appliances, equipment, fittings, furniture, implements, machines, machinery, tools, vehicles, plus parts, controls, and anything connected to such plant.
- 3 New Zealand Standards and legislation relevant to this unit standard include the following:

NZS 4210:2001, Masonry Construction: Materials and Workmanship;
 NZS 3604:1999, Timber Framed Buildings;
 Health and Safety in Employment Act, 1992;
 Resource Management Act, 1991.

Outcomes and evidence requirements

Outcome 1

Lay clay or concrete bricks, clay or concrete paving units and natural stone as a rigid surface.

Evidence requirements

- 1.1 Concrete is mixed and laid in accordance with the specifications.
- 1.2 Pattern for laying of units is set out by measurements and establishment of reference lines in accordance with the specifications.
- 1.3 Edgings are established to prevent displacement of units in accordance with the specifications.
- 1.4 Full paving units are laid to line and specified pattern to manufacturer's recommendation to form an even surface.
- 1.5 Part units are cut and fitted without damage to units or edging or displacement of laying pattern.
- 1.6 Jointing and pointing is carried out in accordance with the specifications and/or industry practice.

Outcome 2

Lay clay or concrete bricks, clay or concrete units and natural stone, as a flexible surface.

Evidence requirements

- 2.1 Sub-grade is prepared to falls and levels in accordance with the specifications.
- 2.2 Edge restraints are established to prevent displacement of units in accordance with the specifications.
- 2.3 Bedding sand is spread to specified depth in accordance with the specifications.
- 2.4 Pattern reference lines are established in accordance with the specifications.
- 2.5 Full units are laid to line and specified pattern to manufacturer's recommendation to form an even surface.
- 2.6 Part units are cut and fitted without damage to units or edging or displacement of laying pattern.
- 2.7 Units are locked with jointing sand in accordance with the specifications.

Outcome 3

Complete work operations.

Evidence requirements

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

Planned review date	31 December 2012
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	23 January 1998	31 December 2011
Review	2	21 September 2007	31 December 2011
Revision	3	21 July 2011	N/A

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>.

Please note

Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMRs). The CMR also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

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.