

<b>Title</b>	<b>Construct a masonry cavity veneer wall with lintel</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>10</b>

<b>Purpose</b>	People credited with this unit standard are able to: set up bricklaying work area; lay masonry material as a cavity veneer with lintel; 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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### 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  
*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;  
 NZS 4236:2002, Masonry veneer wall cladding;  
 Health and Safety in Employment Act, 1992;  
 Resource Management Act, 1991.
- 4 To demonstrate competence, minimum dimensions of cavity veneer wall should be 3.0m long x 1.0m return to a minimum height of 1.6m.

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## Outcomes and evidence requirements

### Outcome 1

Set up bricklaying work area.

#### Evidence requirements

- 1.1 Area where wall is to be erected is confirmed as being in accordance with the project plans and specifications.
- 1.2 Actions taken in the event that site is unsuitable for erection of wall are in accordance with industry practice and delegated authority.
- 1.3 Plant and materials are located in accordance with work flow.  
  
Range may include but is not limited to – accessibility, services, protection against weather.
- 1.4 Materials used are 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 masonry material as a cavity veneer with lintel.

#### Evidence requirements

- 2.1 Mortar is mixed in accordance with the specifications.
- 2.2 First course is laid level, plumb and to line in accordance with the specifications.
- 2.3 Corner is built to plumb, level, and gauge in accordance with the specifications.
- 2.4 Selected construction material is laid in accordance with the specifications.
- 2.5 Brick ties are placed in accordance with NZS 4210 and the specifications.
- 2.6 Lintels, flashings and shelf-angles are installed in accordance with NZS 4210 and NZS 3604.
- 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.

**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.

<b>Planned review date</b>	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	21 September 2007	31 December 2011
Revision	2	21 July 2011	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>.

**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](mailto:national.office@bcito.org.nz) if you wish to suggest changes to the content of this unit standard.