

<b>Title</b>	<b>Complete secondary preparation of raw materials for stonemasonry</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>8</b>

<b>Purpose</b>	People credited with this unit standard are able to: mark out material for stonemasonry; set up work area; cut stone to size; and complete work operations.
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<b>Classification</b>	Masonry > Stonemasonry
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<b>Available grade</b>	Achieved
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### Explanatory notes

- 1 Legislation and guides relevant to this unit standard include:  
Health and Safety in Employment Act 1992 (HSE Act);  
Resource Management Act 1991;  
*A Guide to Respiratory Protection* (Department of Labour, 1999), available at <http://www.osh.govt.nz/order/catalogue/pdf/RespiratoryProtection.pdf>.
- 2 Glossary of Terms  
*Company requirements* refer to instructions to staff on policy and procedures that are documented in memo or manual form and are relevant to the workplace.  
*Specifications* refer to documented specifications and may include any or all of the following: manufacturer's specifications and/or recommendations; material specifications; job specifications; and specialist specifications, for example: architect; designer; engineer; client.  
*Site safety plan* refers to the documented safety plan for the site which is required by law to ensure compliance with the requirements of the HSE Act 1992.
- 3 Reference material relevant to this unit standard include:  
Safety data sheets relevant to products or materials being used for this unit standard, available from manufacturers or suppliers, containing product ingredient content, safe application and use information.

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### Outcomes and evidence requirements

#### Outcome 1

Mark out material for stonemasonry.

#### Evidence requirements

- 1.1 Quality of slab is verified as being in accordance with specifications.

Range free of cracks, chips, other imperfections.

- 1.2 Most economic use of slab is established in terms of maximum number of pieces to be marked out.
- 1.3 Allowances for cutting are calculated in accordance with specifications.
- 1.4 Stone is marked out in accordance with specifications.

## **Outcome 2**

Set up work area.

### **Evidence requirements**

- 2.1 Equipment is selected for cutting to size in accordance with specifications.
- 2.2 Equipment is set up for use in accordance with specifications.
- 2.3 Slab is placed in position in accordance with specifications and company requirements.  
  
Range suited to transport, lift and/or appropriate position.
- 2.4 Cutting equipment is lined up for first cut in accordance with specifications.

## **Outcome 3**

Cut stone to size.

### **Evidence requirements**

- 3.1 Machinery is operated in accordance with specifications.
- 3.2 Material is cut in accordance with specifications.
- 3.3 Cut material is transported without damage.

## **Outcome 4**

Complete work operations.

### **Evidence requirements**

- 4.1 Operations are completed without damage to project, plant, and materials.
- 4.2 Activities comply with the requirements of site safety plan.
- 4.3 Plant is used, maintained, repaired, cleaned, and stored in accordance with specifications and company requirements.
- 4.4 Documentation is completed in accordance with company requirements.

4.5 Surplus materials are dealt with in accordance with legal and company requirements.

Range hazardous, non-hazardous.

<b>Planned review date</b>	31 December 2013
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#### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	30 January 1997	31 December 2011
Revision	2	8 April 1999	31 December 2011
Review	3	19 September 2008	31 December 2011
Revision	4	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.