

<b>Title</b>	<b>Complete primary preparation of raw materials for stonemasonry</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 equipment to complete primary preparation of raw materials for stonemasonry; complete primary cutting; 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 includes:  
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

Set up equipment to complete primary preparation of raw materials for stonemasonry.

Range diamond saw, grit saw, lifting equipment.

#### Evidence requirements

- 1.1 Mobile crane is set up in accordance with specifications.
- 1.2 Block is positioned for cutting in accordance with specifications.
- 1.3 Required allowances for cutting are calculated in accordance with specifications.
- 1.4 Cutting machinery is positioned for first cut in accordance with specifications.

## **Outcome 2**

Complete primary cutting.

### **Evidence requirements**

- 2.1 Computer is programmed in accordance with specifications.  
Range speed and depth of cut.
- 2.2 Stops are set to ensure minimum waste.
- 2.3 Primary cutting is carried out in accordance with specifications.
- 2.4 Cutting is monitored in accordance with specifications.
- 2.5 Finished cuts are in accordance with specifications.

## **Outcome 3**

Complete work operations.

### **Evidence requirements**

- 3.1 Cutting table is unloaded in accordance with site specific safety instructions and specifications.
- 3.2 Slabs are stacked in accordance with company requirements.
- 3.3 Operations are completed without damage to project, plant, and equipment.
- 3.4 Activities comply with the requirements of site safety plan.
- 3.5 Plant is used, maintained, repaired, cleaned, and stored in accordance with specifications and company requirements.
- 3.6 Documentation is completed in accordance with company requirements.
- 3.7 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.