

Title	Fabricate stone products in the factory		
Level	3	Credits	15

Purpose	People credited with this unit standard are able, in the factory, to: prepare for stone product fabrication; cut and label the slabs; fabricate and assemble to form product; and complete work operations.
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Classification	Masonry > Stonemasonry
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Available grade	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.

Outcomes and evidence requirements

Outcome 1

Prepare for stone product fabrication in the factory.

Evidence requirements

- 1.1 Pre-polished slabs are selected in accordance with specifications.
Range material, colour, size, grain direction, blemish-free.
- 1.2 Slabs are re-polished if necessary in accordance with company requirements.
- 1.3 Slabs are moved to the cutting machines without damage to material or injury to personnel.
Range hoist, crane, gantry, fork-lift, sling.

Outcome 2

Cut and label the slabs in the factory.

Evidence requirements

- 2.1 Slabs are marked out in accordance with specifications.
- 2.2 Cutting equipment is selected in accordance with specifications.
- 2.3 Slabs are cut in accordance with specifications.
- 2.4 Slabs are labelled to ensure correct order of use and position.

Outcome 3

Fabricate and assemble to form product in the factory.

Evidence requirements

- 3.1 Product is fabricated in accordance with specifications.
Range epoxy resins, non-ferrous pins.
- 3.2 Product is assembled according to specifications.

Outcome 4

Complete work operations in the factory.

Evidence requirements

- 4.1 Operations are completed without damage to project, plant, or materials.
- 4.2 Activities comply with the requirements of the 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.

Planned review date	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

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.