

## Demonstrate knowledge of the concrete industry

**Level** 2

**Credits** 8

**Purpose** People credited with this unit standard are able to demonstrate knowledge of concrete industry terminology; the major sectors of the concrete industry, and the suppliers of raw materials to the sectors; and the uses of concrete as related to own workplace.

**Subfield** Concrete

**Domain** Concrete Core Skills

**Status** Registered

**Status date** 22 August 2008

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**Planned review date** 31 December 2013

**Entry information** Open.

**Accreditation** Evaluation of documentation and visit by NZQA and industry.

**Standard setting body (SSB)** Building and Construction Industry Training Organisation

**Accreditation and Moderation Action Plan (AMAP) reference** 0048

This AMAP can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

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### Special notes

- 1 Definitions  
*Manufacture* refers to the process of making a product.  
*Outputs* refers to the products a business produces.
- 2 As evidence for assessment against this unit standard, candidates are required to demonstrate knowledge of a range of concrete industry terms from the industry specific list available from the Building and Construction Industry Training Organisation, P O Box 2615, Wellington.
- 3 Reference material relevant to this unit standard includes:  
*The Guide to Concrete Construction*, (Cement and Concrete Association of New Zealand (CCANZ), 1999), available from  
<https://secure1.iconz.co.nz/cca/shop/index.asp>.

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## Elements and performance criteria

### Element 1

Demonstrate knowledge of concrete industry terminology.

#### Performance criteria

- 1.1 Industry terms used in own workplace are defined in accordance with the industry specific list.
- Range five terms from the industry specific list.
- 1.2 Industry terms used in the wider concrete industry are defined in accordance with the industry specific list.
- Range fifty terms from the industry specific list, excluding those used as evidence for performance criterion 1.1.

### Element 2

Demonstrate knowledge of the major sectors of the concrete industry, and the suppliers of raw materials to the sectors.

Range major sectors and their products –  
concrete product manufacture sector – block, pipe, tank, pre-cast concrete products;  
concrete construction sector – civil and commercial construction, placing and finishing, cutting and drilling, precast concrete;  
concrete production sector – readymix.

#### Performance criteria

- 2.1 Major sectors of the concrete industry are described in terms of function, and purpose of end product.
- 2.2 Suppliers of raw materials used by the major sectors of the concrete industry are identified.

### Element 3

Demonstrate knowledge of the uses of concrete as related to own workplace.

#### Performance criteria

- 3.1 The uses of concrete are explained in terms of outputs from own workplace.

### **Please note**

Providers must be accredited by NZQA, or an inter-institutional body with delegated authority for quality assurance, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be accredited by NZQA before they can register credits from assessment against unit standards.

Accredited providers and Industry Training Organisations assessing against unit standards must engage with the moderation system that applies to those standards.

Accreditation requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP 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.

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### **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.