

## Demonstrate knowledge of and cast fibrous plaster ceiling panels and tiles in a factory

**Level** 3

**Credits** 5

**Purpose** People credited with this unit standard are able to describe methods used to cast, cure and store fibrous plaster ceiling panels and tiles in a factory; and cast fibrous plaster ceiling panels and tiles in a factory.

**Subfield** Construction Trades

**Domain** Fibrous Plaster

**Status** Registered

**Status date** 25 January 2008

**Date version published** 25 January 2008

**Planned review date** 31 December 2011

**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>.

---

### Special notes

1 Definitions

*Green panels and tiles* means freshly cast panels and tiles of fibrous plaster that have yet to be dried.

*Specifications* refers to documented instructions (oral, written, graphic) and may include any of the following: manufacturer's specifications, recommendations or technical data sheets; material specifications; specifications from a specialist source such as an architect, designer, engineer or a supervisor; site or work specific requirements.

- 2 Performance of the elements must meet work requirements of a commercial environment. Work requirements are detailed in the *Industry Productivity Guidelines* which are available from the Building and Construction Industry Training Organisation, PO Box 2615, Wellington.
- 3 All work practices must comply with the following: Health and Safety in Employment Act 1992 and Health and Safety in Employment Regulations 1995; Resource Management Act 1991; Building Act 2004; New Zealand Building Code.
- 4 Credit for this unit standard indicates compliance with industry practice. *Industry practice* refers to the ability to demonstrate knowledge and skills that reflect the productivity, uniformity, finish quality and material economies currently accepted within industry.

---

## Elements and performance criteria

### Element 1

Describe methods used to cast, cure and store fibrous plaster ceiling panels and tiles in a factory.

#### Performance criteria

- 1.1 Method of preparing moulds and casting is described in accordance with factory requirements.  
  
Range rigid moulds, flexible moulds, plain panels and tiles, acoustic panels and tiles.
- 1.2 Method of curing and storing green panels is described in accordance with factory requirements.

### Element 2

Cast fibrous plaster ceiling panels and tiles in a factory.

Range rigid moulds, flexible moulds, plain panels and tiles, acoustic panels and tiles.

#### Performance criteria

- 2.1 Moulds are prepared in accordance with factory requirements.
- 2.2 Plaster is mixed, and panels and tiles are cast and reinforced in accordance with factory requirements and industry practice.
- 2.3 Green panels and tiles are dried and stored to factory requirements.
- 2.4 Insulation and protection are installed as required by job specifications.
- 2.5 All operations are completed, workplace, tools and moulds are cleaned, and tools and moulds are stored in accordance with factory requirements.

---

**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.

---

**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.