

Title	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.
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Classification	Construction Trades > Fibrous Plaster
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Available grade	Achieved
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Guidance Information

- 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.

Outcomes and performance criteria

Outcome 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.

Outcome 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.

This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	18 January 1996	31 December 2024
Revision	2	5 July 1999	31 December 2024
Review	3	29 August 2000	31 December 2024
Revision	4	18 May 2005	31 December 2024
Review	5	20 April 2006	31 December 2024
Review	6	25 January 2008	31 December 2024
Review	7	26 May 2022	31 December 2024

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>.

This unit standard is expiring