

Title	Demonstrate knowledge of, make new and repair existing models for fibrous plaster casting in a factory		
Level	4	Credits	22

Purpose	People credited with this unit standard are able to: describe methods used to make new, and repair existing models for fibrous plaster casting in a factory; make new models and repair existing models for fibrous plaster casting 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 Definition
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 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.
- 3 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 make new, and repair existing, models for fibrous plaster casting in a factory.

Range customwood, plaster, clay, plasticine.

Performance criteria

- 1.1 Methods of making and repairing models are described in accordance with factory requirements and job specifications.

Outcome 2

Make new models for fibrous plaster casting in a factory.

Range two models of – customwood, plaster, clay, plasticine.

Performance criteria

- 2.1 Drawings, specifications and details of models are obtained in accordance with factory requirements.
- 2.2 Working sketches and developments are completed in accordance with drawings, specifications and details.
- 2.3 Materials to be used for models are identified and an order is prepared in accordance with factory requirements.
- 2.4 Sample model is produced for approval by client in accordance with working sketches.
- 2.5 Constructed models conform with approved sample, are checked as fit for purpose for construction of moulds and are confirmed as acceptable to the client.
- 2.6 All operations are completed, workplace and tools cleaned, and tools stored in accordance with factory requirements.

Outcome 3

Repair existing models for fibrous plaster casting in a factory.

Range two models.

Performance criteria

- 3.1 Models are checked to identify those requiring repair.
- 3.2 Materials required for the repair are identified and an order is placed in accordance with factory requirements.
- 3.3 Each model is repaired to match original in accordance with factory requirements and is confirmed as acceptable to the client.
- 3.4 All operations are completed, workplace and tools cleaned, and tools 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

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