

Title	Assemble wall frames in a controlled environment		
Level	3	Credits	8

Purpose	People credited with this unit standard are, in a controlled environment, able to: prepare for wall frame assembly, and set out and assemble wall components to produce wall frames.
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Classification	Construction Trades > Carpentry
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Available grade	Achieved
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Guidance Information

- 1 Definitions

Controlled environment refers to a manufacturing environment within which trade skills are applied.

Shop drawings refers to the set of drawings associated with a building project to be made in a controlled environment, and can include plans, elevations, sections, details or any other drawings that give information about the project.

Workplace practice refers to the documented procedures specific to a workplace which set out the standard and required practices of that workplace.
- 2 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.
- 3 Legislation and publications relevant to this unit standard include:
 - Health and Safety in Employment Act 1992 and Health and Safety in Employment Regulations 1995;
 - Building Act 2004;
 - New Zealand Building Code.

Outcomes and performance criteria

Outcome 1

Prepare for wall frame assembly in a controlled environment.

Performance criteria

1.1 Supplied components and hardware are checked against shop drawings and any identified faulty components or hardware items are replaced in accordance with workplace practice.

Range components – type, grade, treatment, length, quantity, gauge, dimensions, condition;
hardware – type, size, quantity;
appearance, timeframe, any other items required by the shop drawings.

1.2 Equipment is selected and set up in accordance with workplace practice and manufacturers' instructions.

Outcome 2

Set out and assemble wall frame components to produce wall frames in a controlled environment.

Performance criteria

2.1 Wall framing members are set out in accordance with shop drawings and workplace practice.

Range plates (including raking plates), studs and jack studs, trimmers, lintels, beams, dwangs (noggings), bracing.

2.2 Component assembly sequence and production rate are in accordance with workplace practice.

2.3 Fittings, fixings, and hardware are attached in accordance with shop drawings and workplace practice.

2.4 Tolerances are within the requirements of shop drawings and workplace practice.

2.5 Equipment is started, operated, shut down and maintained in accordance with workplace practice.

2.6 Assembled frames meet appearance and other company quality requirements for frame type in accordance with workplace practice.

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	22 September 2004	31 December 2023
Review	2	9 December 2010	31 December 2023
Review	3	25 November 2021	31 December 2023

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>.