

Title	Demonstrate knowledge of setting out and assembling roof trusses in a controlled environment		
Level	3	Credits	8

Purpose	People credited with this unit standard are, in a controlled environment, able to describe: the requirements for the fabrication of roof trusses; and factors relating to setting-out and fabricating roof trusses.
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Classification	Construction Trades > Carpentry Theory
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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 that reflects the 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

Describe the requirements for the fabrication of roof trusses in a controlled environment.

Performance criteria

1.1 Roof trusses are described in terms of structure, components, and construction.

Range cantilever, attic, cove, gable, jacks, girder, standard, scabs, ply trusses, end vertical.

1.2 Roof truss members are identified in terms of their location and purpose.

Range top chords, bottom chords, webs, nail plates.

Outcome 2

Describe factors relating to setting-out and fabricating roof trusses in a controlled environment.

Performance criteria

2.1 Methods of setting-out roof truss members are described in accordance with shop drawings and workplace practice.

Range top chords, bottom chords, webs, nail plates.

2.2 Methods of assembling roof truss members are determined and described in accordance with shop drawings and workplace practice.

2.3 Procedures for maintaining health and safety requirements when fabricating roof trusses are described in accordance with workplace practice.

Range work methods, plant, equipment, identification of hazards and controls.

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	9 December 2010	31 December 2023
Review	2	25 November 2021	31 December 2023

Consent and Moderation Requirements (CMR) reference

0048

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