

Title	Demonstrate knowledge of constructing timber stairs		
Level	3	Credits	2

Purpose	People credited with this standard can demonstrate knowledge of: <ul style="list-style-type: none"> • constructing timber stairs; and • health and safety for constructing timber stairs.
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Classification	Construction Trades > Carpentry
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Available grade	Achieved
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Guidance Information

1 Range

Evidence generated for assessment against this standard must reflect workplace and industry requirements specified in:

- documented worksite specifications, procedures, and practices;
- manufacturer recommendations, specifications, and technical data sheets;
- applicable specifications from other sources such as an architect, designer, engineer, or supervisor;
- applicable material safety data sheets;
- NZS 3109:1997 *Concrete construction*;
- NZS 3604:2011 *Timber Framed Buildings*;
- The New Zealand Building Code.

Evidence generated for assessment against this standard must reflect the requirements of:

- Building Act 2004
- Health and Safety at Work Act 2015
- Resource Management Act 1991
- Building Regulations 1992
- Building (Forms) Regulations 2004
- Health and Safety in Employment Regulations 1995.

2 References

NZS 3109:1997 *Concrete construction*. Available from Standards NZ (<http://www.standards.co.nz>).

NZS 3604:2011 *Timber Framed Buildings*. Available from Standards NZ (<http://www.standards.co.nz>).

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of constructing timber stairs.

Performance criteria

- 1.1 Identify and describe the features and uses of different stair types.
Range straight flights, quarter turn, dog-leg, three-quarter turn.
- 1.2 Identify and describe stair components, and explain their purpose.
Range stringers/strings, risers, treads, nosing, landing, posts, accessible stairs.
- 1.3 Describe how to construct the support structure for timber stairs built on the ground.
- 1.4 Describe the requirements for a stair rise and run and calculate dimensions.
- 1.5 Calculate material quantities required to construct a set of timber stairs.

Outcome 2

Demonstrate knowledge of health and safety for constructing timber stairs.

Range labour, identification of hazards and controls, plant; plant includes – any machinery, vehicle, vessel, aircraft, equipment (including personal protective equipment), appliance, container, implement, or tool; any component of any of those things; anything fitted or connected to any of those things; personal protective equipment includes – anything used or worn by a person (including clothing) to minimise risks to the person's health and safety; air supplied respiratory equipment.

Performance criteria

- 2.1 Identify and describe health and safety requirements for constructing timber stairs.

Planned review date	31 December 2026
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	30 September 2021	N/A

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>.

Comments on this unit standard

Please contact the Building and Construction Industry Training Organisation at national.office@bcito.org.nz if you wish to suggest changes to the content of this unit standard.