

Title	Select, store, and protect timber used for timber structure manufacture		
Level	3	Credits	5

Purpose	<p>This unit standard is intended for people working in timber structure manufacturing.</p> <p>People credited with this standard are able to select, store and protect timber used for timber structure manufacture to commercial standards.</p>
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Classification	Construction Trades > Carpentry
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Available grade	Achieved
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Guidance Information

1 Assessment

This unit standard is intended to align with the *New Zealand Certificate in Timber Structure Manufacture – Specifications* and the *New Zealand Certificate in Timber Structure Manufacture (Level 3)* [Ref: 4319].

Evidence for this standard must reflect commercial standards.

Commercial standards refer to verbal and written information covering company policy, standard operating procedures and processes and job-specific instructions.

Working to commercial standards must be confirmed by a person with current expertise in the timber structure manufacturing trade.

2 Definitions

Timber structures are cut and assembled in a controlled environment. They may include wall frames and/or roof trusses.

Workplace procedures refer to the documented procedures specific to a workplace, which set out the standards and required practices of that workplace.

3 Legislation, standards and guidance information relevant to this standard includes the following; and any subsequent amendments and replacements:

New Zealand Certificate in Timber Structure Manufacture – Specifications, BCITO, October 2020, available from www.waihanga.nz.

Legislation accessed at www.legislation.govt.nz

- Building Act 2004
- Health and Safety at Work Act 2015
- Hazardous Substances and New Organisms Act 1996
- The New Zealand Building Code.

Standards accessed at www.standards.govt.nz

- NZS 3602:2003 *Timber and wood-based products for use in building*
- NZS 3604:2011 *Timber-framed Buildings*.

Best practice and good practice guidelines

- *The Absolutely Essential Health and Safety Toolkit for Small Construction Sites*, and other Worksafe NZ publications available from www.worksafe.govt.nz.

Skill specification and performance level guidance

Skill specification

Select, store and protect timber used for timber structure manufacture.

Knowledge

The properties and purpose of timbers used in timber structure manufacture.

Range timber includes – Pinus Radiata, Douglas Fir, laminated veneer lumber;
properties include – grade, size, finish, treatment.

The ways to manage the impact of timber defects on the manufacture of timber structures.

Range defects include – cup, bow, crook, twist.

The requirements for the storage and protection of timber materials in a timber structure environment.

Range to prevent damage to timber, and harm to workers, plant and equipment.

The types and purpose of materials used for stacking and packaging loose timber and timber structures.

Skills

Select, store, and protect timber in a timber structure manufacturing environment.

Range to prevent damage to timber, and harm to workers, plant and equipment.

Performance level guidance

Performance must reflect job documentation and workplace procedures.

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	25 November 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 Waihanga Ara Rau Construction and Infrastructure Workforce Development Council qualifications@waihanga.nz if you wish to suggest changes to the content of this unit standard.