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| Title | Maintain professional competence and demonstrate personal leadership as a timber structure detailer | | |
| Level | 5 | Credits | 15 |

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| Purpose | <p>This unit standard is intended for those working in timber structure detailing.</p> <p>People credited with this standard are able to maintain professional competence and demonstrate personal leadership as a timber structure detailer to the level of performance required of a professionally competent detailer.</p> |
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| Classification | Construction Trades > Carpentry |
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| Available grade | Achieved |
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Guidance Information

1 Scope

The context of this unit standard is detailing in a manufacturing environment for the production of pre-nailed timber structures used for the construction of small buildings.

2 Assessment

This unit standard is intended to align with the *New Zealand Diploma in Timber Structure Detailing – Specifications*.

It is expected that this unit standard will be awarded near the completion of a programme leading to the achievement of all outcomes of the New Zealand Diploma in Timber Structure Detailing (Level 5) [Ref: 4377].

The overarching level of performance for this unit standard is professional competence in a pre-nailed timber structure detailing environment.

Professional competence requires a candidate to be capable of consistently performing the requirements of the skill specification to current regulatory frameworks, industry best practices and commercial standard. Professional competence requires a meeting the ethical and professional expectations of industry and clients, while working independently on dynamic and varied projects.

Personal leadership requires a candidate to take personal responsibility for own development and contribute to the team development in a timber structure manufacturing setting. Personal leadership includes self-awareness, self-reflection, obtaining feedback from others, taking responsibility, and professional development.

Professional competence and personal leadership must be confirmed by person with current expertise in the timber structure detailing trade.

3 Definitions

Design lead refers to the architect or draftsman responsible for the overall design of the building.

Small building is of residential scale with lightweight timber-framing and/or concrete or concrete masonry construction, and generally of non-specific design.

Sustainability of the pre-nail timber structure trade refers to the economic, environmental and social practices that contribute to the sustainability and improvement of the timber structure manufacturing industry.

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

New Zealand Diploma in Timber Structure Detailing – Specifications, BCITO, August 2021, available from www.waihanga.nz.

Legislation accessed at www.legislation.govt.nz

- Building Act 2004
- Construction Contracts Act 2002
- Health and Safety at Work Act 2015
- The New Zealand Building Code.

Standards accessed at www.standards.govt.nz

- NZS 3602:2003 *Timber and wood-based products for use in buildings*
- 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

Maintain professional competence and demonstrate personal leadership as a timber structure detailer.

Knowledge

The purpose of, and ways to locate information to provide technical information to support unfamiliar problems and to maintain currency with professional best practice.

Range current industry regulations, standards of best practice, research publications, proprietary updates.

The ways in which the personal leadership responsibilities of a timber structure detailer contributes to positive relationships with other parties.

Range other parties include – design lead, client, supervisor, main contractor, sub-contractor, manufacturing team, Building Consent Authority, carrier, supplier.

The ways in which professional industry standards and personal leadership contributes to the sustainability of the pre-nailed timber structure industry.

Skills

Apply a range of technical knowledge to detail varied and dynamic pre-nailed timber structure projects.

Practice the personal leadership behaviours expected of a timber structure detailer and model these to others.

Range objectivity, transparency, accountability, responsibility, honesty, integrity, assertiveness, consistency, ethical and professional conduct

Establish and maintain professional working relationships with the parties to timber structure detailing work.

Range other parties include – design lead, client, supervisor, main contractor, sub-contractor, manufacturing team, Building Consent Authority, carrier, supplier.

Fulfil responsibilities of a detailer in the workplace under commercial contracts, employment and education agreements.

Locate, interpret and apply current industry regulations and standards of best practice to provide technical information to support unfamiliar problems and to maintain currency with professional best practice.

Implement and monitor evaluative processes to maintain quality assurance through all areas of timber structure detailing work.

Identify and implement own on-going learning and professional development opportunities to maintain currency with the professional standards in the pre-nail timber structure industry.

Contribute towards the learning and performance of team members in the workplace.

Performance level guidance

Performance must reflect current regulatory, industry, and commercial standards relevant to a detailer of timber structures manufactured in a controlled off-site environment.

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| 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 | 16 December 2021 | N/A |

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| 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 at qualifications@waihanga.nz if you wish to suggest changes to the content of this unit standard.