

**Field Planning and Construction****Review of *Construction and Construction Trades* unit standards**

Subfield	Domain	ID
Construction	Core Planning and Construction	27924
Construction Trades	Carpentry	27650
	Carpentry Theory	27923

BCITO has completed the review of the unit standards listed above.

**Date new versions published**

**December 2021**

**Planned review date**

**December 2026**

**Summary**

As a result of the scheduled review of the New Zealand Certificate in Frame and Truss Detailing (Level 4) [Ref: 2085], the current qualification was replaced with the New Zealand Diploma in Timber Structure Detailing (Level 5) [Ref: 4377].

New standards were developed in consultation with the Timber Structure (Frame and Truss) detailing industry to support programmes leading to the New Zealand Diploma in Timber Structure Detailing (Level 5) [Ref: 4377]. Three existing unit standards were reviewed and designated expiring.

**Main changes**

- Three unit standards were designated expiring without replacement as they are no longer fit for purpose.
- Ten new unit standards were developed to meet the outcomes of the new level 5 qualification mentioned above.

**Category D unit standards will expire at the end of December 2023**

Key to review category	
<b>A</b>	Dates changed, but no other changes are made - the new version of the standard carries the same ID and a new version number
<b>B</b>	Changes made, but the overall outcome remains the same - the new version of the standard carries the same ID and a new version number
<b>C</b>	Major changes that necessitate the registration of a replacement standard with a new ID
<b>D</b>	Standard will expire and not be replaced

Planning and Construction > Construction Trades > Core Planning and Construction

ID	Title	Level	Credit	Review Category
27924	Demonstrate knowledge of construction factors affecting the design of prefabricated timber products for a small building	5	10	D

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ID	Title	Level	Credit	Review Category
27650	Perform roof truss detailing for building projects	5	35	D

ID	Title	Level	Credit	Review Category
32865	Operate within legislative compliance frameworks for timber structure detailing	5	10	New
32866	Analyse and apply technical data to timber structure detailing operations	5	5	New
32867	Apply and analyse mathematical principles, and calculations to timber structure detailing operations	5	5	New
32868	Evaluate project briefs to plan, communicate, and document timber structure detailing operations	5	5	New
32869	Analyse and evaluate material properties to produce material specifications for pre-nailed timber structures	5	5	New
32870	Demonstrate knowledge of construction requirements to provide detailing for lightweight timber-framed buildings	5	15	New
32871	Maintain professional competence and demonstrate personal leadership as a timber structure detailer	5	15	New
32872	Produce detailing solutions for the manufacture, and on-site assembly of pre-nailed timber structures	5	30	New
32873	Evaluate detailing, and prepare supporting technical evidence for pre-nailed timber structures for small buildings	5	10	New
32874	Use proprietary design software to produce detailing documentation for pre-nailed timber structures for small buildings	5	20	New

Planning and Construction > Construction Trades > Carpentry Theory

ID	Title	Level	Credit	Review Category
27923	Determine requirements for the manufacture, packing and stacking of prefabricated timber products	3	2	D