

## Field      **Planning and Construction**

### Review of *Construction Trades* unit standards

Subfield	Domain	ID
Construction Trades	Carpentry	21004, 21006-21008, 21011, 21015, 26883, 26884
	Carpentry Theory	21005, 26885, 26886

The Building and Construction Industry Training Organisation has completed the review of the unit standards listed above.

**Date new versions published**

**November 2021**

**Planned review date**

**December 2026**

### Summary

Following the Targeted Review of Qualifications, the National Certificate in Frame and Truss Manufacture (Level 3) was replaced by New Zealand Certificate in Timber Structure Manufacture (Level 3) with strands in Wall Frame Manufacture, and Roof Truss Manufacture [Ref: 4319].

The new unit standards were developed in consultation with the Timber Structure Manufacturing industry to determine the skills and knowledge required for graduates of the New Zealand Certificate and for use in programmes leading to this qualification. Generally, the skills and knowledge in the existing standards do not meet current industry needs.

Consultation with the Timber Structure Manufacturing industry stakeholders was carried out from July-October 2020, and they were given a chance to feedback on the new unit standards.

### Main changes

- Eight *Carpentry* unit standards that no longer fit job role requirements were designated expiring.
- Three *Carpentry Theory* unit standards that no longer fit job role requirements were designated expiring.
- Ten new *Carpentry* unit standards were developed to meet industry role requirements for the new level 3 qualification.

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

**Detailed list of unit standards – classification, title, level, and credits**

All changes are in **bold**.

<b>Key to review category</b>	
<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 > Carpentry

<b>ID</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
21004	Make up orders for materials used to manufacture prefabricated frames and trusses	3	3	D
21006	Use and maintain a power-assisted fastening tool for frame and truss manufacture	3	3	D
21007	Use and maintain a wall frame assembly machine	3	3	D
21008	Manually set out and mark timber framing plates for fabrication from shop drawings	3	4	D
21011	Assemble roof trusses in a controlled environment	3	12	D
21015	Assemble wall frames in a controlled environment	3	8	D
26883	Demonstrate knowledge of and use computer-controlled wall frame and roof truss component cutting machinery	3	6	D
26884	Produce wall frame and roof truss components by interpreting drawings and lists and using manually operated saws	3	8	D
<b>32570</b>	<b>Use and maintain tools, plant and equipment to manufacture timber structures</b>	<b>3</b>	<b>6</b>	<b>New</b>
<b>32571</b>	<b>Apply legislative frameworks under supervision to timber structure manufacturing operations</b>	<b>3</b>	<b>3</b>	<b>New</b>
<b>32572</b>	<b>Apply knowledge of drawings and job documentation to timber structure manufacturing operations</b>	<b>3</b>	<b>4</b>	<b>New</b>
<b>32573</b>	<b>Make measurements and calculations for the manufacture of timber structures</b>	<b>3</b>	<b>3</b>	<b>New</b>
<b>32574</b>	<b>Work as a team member under supervision to manufacture timber structures</b>	<b>3</b>	<b>4</b>	<b>New</b>
<b>32575</b>	<b>Select, store and protect timber used for timber structure manufacture</b>	<b>3</b>	<b>5</b>	<b>New</b>
<b>32576</b>	<b>Stack, label and package timber structures in a manufacturing environment</b>	<b>3</b>	<b>5</b>	<b>New</b>
<b>32577</b>	<b>Maintain commercial standards as a timber structure manufacture worker</b>	<b>3</b>	<b>5</b>	<b>New</b>
<b>32578</b>	<b>Manufacture pre-nailed timber wall frames in a controlled environment</b>	<b>3</b>	<b>20</b>	<b>New</b>
<b>32579</b>	<b>Manufacture pre-nailed timber roof trusses in a controlled environment</b>	<b>3</b>	<b>20</b>	<b>New</b>

Planning and Construction > Construction Trades > Carpentry Theory

ID	Title	Level	Credit	Review Category
21005	Demonstrate knowledge of, and package and stack, prefabricated timber products	2	2	D
26885	Demonstrate knowledge of setting out and assembling roof trusses in a controlled environment	3	8	D
26886	Demonstrate knowledge of setting out and assembling wall frames in a controlled environment	3	5	D