

Title	Use tools and equipment for carpentry work		
Level	4	Credits	6

Purpose	<p>This unit standard aligns with the <i>New Zealand Certificate in Carpentry – Specifications</i>, developed on behalf of the construction industry to specify the skills and knowledge required to achieve the New Zealand Certificate in Carpentry (Level 4) [Ref: 2738].</p> <p>This unit standard is intended for those working as carpenter in the construction industry.</p> <p>People credited with this unit standard are able to use tools and equipment for carpentry work to the level required of a commercially competent carpenter.</p>
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Classification	Construction Trades > Carpentry
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Available grade	Achieved
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Guidance Information

This unit standard is one of a family of standards that align with the *New Zealand Certificate in Carpentry – Specifications* and should be read, interpreted and assessed in the context of those *Specifications* and the New Zealand Certificate in Carpentry (Level 4) [Ref: 2738].

The overarching level of performance for the family of unit standards is commercial competence.

Commercial competence requires a candidate to be capable of consistently performing the requirements of the skill specification:

- to current regulatory, industry and commercial standards;
- within a commercially viable timeframe;
- in commercial environments;
- without supervision;
- in different and unfamiliar contexts.

The sufficiency of evidence required to demonstrate commercial competence against this unit standard is determined within the context of the family of unit standards aligned to the *Specifications*.

The assessor must be confident that the candidate is capable of applying the skills and knowledge included in this skill specification to the level, scope and complexity required to support the achievement of related skills included in the *Specifications*.

Commercial competence can only be demonstrated, and must be assessed, in the workplace.

The assessment of commercial competence must be corroborated and confirmed by a person who has current expertise in the carpentry trade and has had the opportunity to regularly observe the candidate in the workplace.

Reference

New Zealand Certificate in Carpentry – Specifications, BCITO, April 2018, available from www.waihangaararau.nz.

Skill specification and performance level guidance

Skill specification

Use tools and equipment for carpentry work.

- Know**
- The use and application of different hand tools used by the carpentry trade.
 - The use and application of different power tools used by the carpentry trade.
 - The use and application of different items of access equipment used by the carpentry trade.
 - The use and application of different items of lifting equipment used by the carpentry trade.
 - The use and application of different items of other equipment used by the carpentry trade.
 - How to care for and maintain different tools and equipment used by the carpentry trade.
- Do**
- Use a range of carpentry hand tools to measure, cut, hold and drive.
 - Use a range of carpentry power tools to cut, drive and join.
 - Use a range of carpentry mechanical equipment.
 - Use a range of carpentry non-mechanical equipment.
 - Erect, alter, inspect and dismantle non-notifiable scaffolding.
 - Maintain tools and equipment.
 - Sharpen cutting tools.

Performance level guidance

The skill and knowledge associated with using a particular tool or piece of equipment could be applied to another less familiar tool or piece of equipment.

Hand tools are those which are typically used by carpenters on a daily basis.

Power tools are those which are typically used by carpenters on a daily basis including electric, battery, compressed air, gas and powder-actuated tools.

Measuring tools are those that define length, distance, angles and level/plumb.

Cutting tools are those that cut to size, and shape or finish.

Holding tools are those that temporarily retain work in position prior to fixing.

Driving tools are those that rely on force to hit, drive or break.

Tools designed to join rely on the use of fixing accessories to permanently join materials.

Access equipment includes ladders, all types of scaffolding and all types of elevating work platforms (EWPs).

Lifting equipment includes the piece of equipment and any accessories such as chains and strops.

Other equipment includes all types of motorised or manually operated equipment associated with specific carpentry operations.

Non-notifiable scaffolding is any scaffold where the height of the working platform is less than 5m.

Sharpening cutting tools is limited to chisels and plane irons.

Maintenance requirements differ depending on the tool or piece of equipment concerned.

Planned review date	31 December 2023
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	1 March 2018	N/A
Rollover and Revision	2	15 December 2022	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.