

<b>Title</b>	<b>Use carpentry tools under supervision</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>12</b>

<b>Purpose</b>	People credited with this standard can use, under supervision: <ul style="list-style-type: none"> <li>• carpentry hand tools;</li> <li>• portable power tools and attachments; and</li> <li>• a mitre saw.</li> </ul>
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<b>Classification</b>	Construction Trades > Carpentry
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<b>Available grade</b>	Achieved
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### Guidance Information

1 Scope of practice  
 Working *under supervision* means the ability to work to construction workplace standards under the supervision of a commercially competent practitioner whose role is to ensure the completed construction meets industry and regulatory requirements. This standard does not recognise commercial competence.

2 Assessment  
 This unit standard must be assessed under the supervision of a commercially competent practitioner in construction workplace conditions that reflect:

- current health, safety, industry, and workplace requirements; and
- industry requirements for commercially acceptable timeframes.

Evidence generated for assessment against this standard must be verified by a person who has current expertise in the building and construction trades and has had the opportunity to regularly observe the candidate in the workplace.

3 Range  
 Evidence generated for assessment against this standard must reflect workplace and industry requirements specified in:

- documented worksite specifications, procedures, and practices;
- manufacturer recommendations, specifications, and technical data sheets;
- applicable specifications from other sources such as an architect, designer, engineer, or supervisor;
- applicable material safety data sheets;
- NZS 3604:2011 *Timber Framed Buildings*;
- the New Zealand Building Code;
- consents, working drawings, plans and specifications, reports, producer statements, relevant industry standards, other documentation critical to the construction process.

Evidence generated for assessment against this standard must reflect the legislative and regulatory requirements specified in:

- Building Act 2004
- Health and Safety at Work Act 2015
- Resource Management Act 1991
- Building Regulations 1992
- Building (Forms) Regulations 2004
- Health and Safety in Employment Regulations 1995.

Plant includes – any machinery, vehicle, vessel, aircraft, equipment (including personal protective equipment), appliance, container, implement, or tool; any component of any of those things; anything fitted or connected to any of those things; Personal protective equipment includes – anything used or worn by a person (including clothing) to minimise risks to the person's health and safety; air supplied respiratory equipment.

#### 4 References

Department of Labour. (1995). *Approved Code of Practice for Powder-Actuated Hand-Held Fastening Tools*. Available from <https://worksafe.govt.nz>.  
NZS 3604:2011 *Timber Framed Buildings*, available from Standards NZ (<http://www.standards.co.nz>).

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## Outcomes and performance criteria

### Outcome 1

Use carpentry hand tools under supervision.

Range apron, folding rule, measuring tape, carpenter's pencil, claw hammer, nail punch, combination square, chisels, planes, screwdrivers, spirit level, pinch bar, end-cutting nippers, adjustable spanner, pliers, tin snips, hacksaw and blades, chalk line, string line, cutting knife, straight edge, cross-cut saw.

### Performance criteria

1.1 Select hand tools for a carpentry job.

1.2 Use carpentry hand tools to complete a carpentry job.

Range use includes – without damaging materials or plant, personal safety, safety of colleagues and others in the vicinity.

1.3 Determine and undertake routine maintenance requirements for carpentry hand tools.

Range operational status; clean, rust free;  
damaged tools – repaired or replaced according to workplace policy.

## Outcome 2

Use portable power tools and attachments under supervision.

Range circular saw, reciprocating saw, planer, drill, hammer drill, disc grinder, hammer drill/breaker;  
one of – compressed air nail gun, gas-powered nail gun.

### Performance criteria

2.1 Select portable power tools and attachments for a carpentry job.

2.2 Set up and use portable power tools and attachments to complete a carpentry job.

Range set-up includes – guards, fences, adjustment, power source, electrical safeguards;  
use includes – without damaging materials or plant, personal safety, safety of colleagues and others in the vicinity.

2.3 Determine maintenance requirements for portable power tools. Select and change cutting bits, blades, knives, and attachments.

Range operational status; sharpness of cutting bits, blades, knives, and cutters; personal safety, safety of colleagues and others in the vicinity.

## Outcome 3

Use a mitre saw under supervision.

Range one of – mitre saw, sliding compound mitre saw.

### Performance criteria

3.1 Set up a mitre saw for a carpentry job.

Range guards, stops, support tables or rollers, power supply.

3.2 Use a mitre saw to cut timber to specified profiles for a carpentry job.

Range use includes without damaging materials or plant, personal protective equipment, personal safety, safety of colleagues and others in the vicinity.

3.3 Determine and undertake routine maintenance requirements for mitre saws before use.

Range blade sharpness, lubrication; clean, free of corrosion, power supply protected, free movement of safety guards confirmed.

## 3.4 Select and change a mitre saw blade.

Range select replacement blade, remove existing blade, match direction of teeth, fit replacement blade, dispose of replaced blade.

<b>Replacement information</b>	This unit standard replaced unit standards 13037, 13038, and 13039.
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<b>Planned review date</b>	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	30 September 2021	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	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 the Building and Construction Industry Training Organisation at [national.office@bcito.org.nz](mailto:national.office@bcito.org.nz) if you wish to suggest changes to the content of this unit standard.