

<b>Title</b>	<b>Set up, operate, and undertake routine maintenance on a shaping machine for joinery work</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>10</b>

<b>Purpose</b>	<p>People credited with this unit standard are able to:</p> <ul style="list-style-type: none"> <li>– set up and operate a shaping machine; and</li> <li>– undertake routine maintenance on a shaping machine for joinery work.</li> </ul>
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<b>Classification</b>	Joinery > Joinery Core Skills
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Legislation and guidelines relevant to this unit standard include:
- Health and Safety at Work Act 2015; available from [www.legislation.govt.nz](http://www.legislation.govt.nz);
  - *Safe Use of Machinery: Best Practice Guidelines*; available from [www.worksafe.govt.nz](http://www.worksafe.govt.nz), and any subsequent amendments and replacements.

- 2 Assessment
- Evidence for this unit standard must reflect commercial competence; the ability to demonstrate knowledge and skills in the context of the currently accepted requirements of a business operating in a commercial environment.

Evidence must also reflect commercial standards; the verbal and written information covering company policy, standard operating procedures and processes and job-specific instructions.

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

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

- 3 Definitions

*Joinery work* refers to the work, job, or project relevant to joinery, cabinetry, doors and windows, stairs, bench tops, shop fitting, and specialty surfaces.

*Routine maintenance* refers to those requirements routinely undertaken to keep machinery in good work order including cutting saws and changing blades and knives. It does not include the services usually provided by a specialist engineer or service technician.

*Workplace requirements* refer to the documented procedures specific to a workplace which set out the standard and the required practices of that workplace. This may include job specifications, procedures, practices, manufacturer recommendations, technical data sheets and material safety data sheets.

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## Outcomes and performance criteria

### Outcome 1

Set up and operate a shaping machine for joinery work.

#### Performance criteria

- 1.1 Shaping machine is set up to meet the job specification.
- Range select spindle speeds, select and set up cutters and heads, set power feed, set guards.
- 1.2 Machine and heads are tested and adjusted.
- 1.3 Shaping machine is operated to meet the job specification to ensure continuity of process making any adjustments required.
- Range two different straight run mouldings, two types of cutting heads.
- 1.4 Shaping machine is operated for curved work to ensure continuity of process making any adjustments required.
- Range two different operations.
- 1.5 Post-operational procedures are completed in accordance with workplace requirements.

### Outcome 2

Undertake routine maintenance on a shaping machine for joinery work.

#### Performance criteria

- 2.1 Routine maintenance for a shaping machine used for joinery work is determined in accordance with manufacturers and workplace requirements.
- 2.2 Routine maintenance for a shaping machine used for joinery work is undertaken in accordance with manufacturers and workplace requirements.

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<b>Replacement information</b>	This unit standard replaced unit standard 8558 and unit standard 17128.
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<b>Planned review date</b>	31 December 2027
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#### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	24 October 2014	31 December 2025
Review	2	30 March 2023	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0073
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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@WaihangaAraRau.nz](mailto:qualifications@WaihangaAraRau.nz) if you wish to suggest changes to the content of this unit standard.