

Title	Set and operate a basic planing machine to produce simple wooden furniture components		
Level	2	Credits	2

Purpose	<p>People credited with this standard are able to: establish job requirements for furniture making; prepare a basic planing machine for operation for furniture making; and perform planing operations for furniture making.</p> <p>They are responsible for their own work quality and work under supervision.</p>
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Classification	Furniture > Furniture and Cabinet Making
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Available grade	Achieved
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Guidance Information

- 1 Legislation relevant to this unit standard includes the
 - Health and Safety at Work Act 2015
 - Health and Safety Regulations 1995
 - Resource Management Act 1991
 - Hazardous Substances and New Organisms Act 1996 and their subsequent amendments.
- 2 Assessment information

This unit standard must be assessed in a commercial furniture making environment. Practical assessment evidence of competence must be gathered from commercial jobs in the workplace under normal conditions.

All activities and performance criteria must be carried out in accordance with worksite policies and procedures.
- 3 Range

This unit standard applies to a buzzer or thicknesser.

Examples of simple wooden furniture components include any components that require a process to flatten an edge, or to make an edge square in its production. Components that require rebating, tapering, bevelling, or chamfering operations in the production process are considered complex.
- 4 Definitions

Manufacturer's instructions are instructions provided by manufacturers of substances, equipment, and machinery used in furniture making. These instructions may include details on safe and correct handling, use and storage of substances and/or details on substance properties. Examples are labels on substance containers, product data sheets, and operator's manuals.

SOIs refer to safe operating instructions which are documented instructions attached to machines which detail requirements for safe operation of the particular machine. *Worksite policies and procedures* refer to documented policies and to documented or other directions provided to staff. These may include, but are not limited to, ways of managing health and safety, environmental considerations, quality, and production, and must conform to legislation. Examples include standard operating procedures, company health and safety plans, on-site briefings, and supervisor's instructions. For the purposes of this unit standard worksite policies and procedures may also refer to the policies and procedures of an off-job training site.

Outcomes and performance criteria

Outcome 1

Establish job requirements for furniture making.

Performance criteria

- 1.1 Job specifications are obtained and verified with the supervisor.
- 1.2 Safety equipment is obtained and worn according to the manufacturer's instructions.
- 1.3 Tools are selected according to the job specifications.
- 1.4 Materials are selected according to the job specifications.
- 1.5 Presence of services is ensured, and the supervisor is informed if they are not present.

Range electrical power, lighting, ventilation, dust extraction fans.

Outcome 2

Prepare a basic planing machine for operation for furniture making.

Performance criteria

- 2.1 Knives are removed and replaced according to the job specifications and manufacturer's instructions.
- 2.2 Fences, safety guards, and tooling are selected and secured in place according to the job specifications and manufacturer's instructions.
- 2.3 Jigs and templates are selected according to the job specifications.
- 2.4 Machine is set according to the job and the manufacturer's instructions.
- 2.5 Routine and minor maintenance of equipment is undertaken according to the manufacturer's instructions.

- 2.6 Materials are measured and marked out for planing according to the job specifications.
- 2.7 Materials are delivered to the machine in readiness for the operation according to the job specifications.

Outcome 3

Perform planing operations for furniture making.

Performance criteria

- 3.1 Pre-start checks are performed in accordance with the manufacturer's recommendations.
- 3.2 Machine is operated in accordance with job specifications and SOIs.
Range flatting, edging.
- 3.3 Adjustments are made to the machine setting to rectify out of specification materials, adjustments are subsequently checked by the supervisor.
- 3.4 Substandard components are identified, rejected, and reported to the supervisor according to the job specifications.
- 3.5 Machine and work area are made clean, clear, and safe.

Replacement information	This unit standard and unit standard 18908 replaced unit standard 2219.
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Planned review date	31 December 2025
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	26 February 2002	N/A
Review	2	28 January 2021	N/A

Consent and Moderation Requirements (CMR) reference	0173
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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 Competenz qualifications@competenz.org.nz if you wish to suggest changes to the content of this unit standard.