

Title	Set and operate a single boring machine to bore holes in furniture components		
Level	2	Credits	4

Purpose	People credited with this unit standard are able to: prepare to bore holes; set a single boring machine to bore holes; and perform boring operations, in furniture components.
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Classification	Furniture > Furniture and Cabinet Making
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Guidance Information

- 1 Assessment information
This unit standard may be assessed against on-job or off-job. Competence must be demonstrated on a single borer and/or drill press. Triple borers are covered in Unit 9784, *Set and operate a triple borer machine to bore furniture components*. Multi-borers are covered in Unit 2236, *Operate a multi-borer to bore furniture components*, and Unit 2244, *Set a multi-boring machine to bore furniture components*.
All activities and performance criteria must be carried out in accordance with worksite policies and procedures.
- 2 Personal protective equipment, appropriate to job requirements, must be selected and used in accordance with worksite policies and procedures and manufacturer's instructions.
- 3 Reference
Guidance for woodworking machinery, available at <https://worksafe.govt.nz/topic-and-industry/machinery/woodworking>.
- 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

Prepare to bore holes in furniture components.

Performance criteria

- 1.1 Job specifications are obtained and interpreted.
Range hole sizes and positions, number of components.
- 1.2 Equipment and materials are selected in accordance with job specifications and confirmed as being in safe working order in accordance with manufacturer's instructions.
- 1.3 Environmental and safety requirements are met.
Range electrical power, lighting, ventilation, dust extraction.

Outcome 2

Set a single boring machine to bore holes.

Performance criteria

- 2.1 Fences and safety guards are selected and secured in accordance with the woodwork machinery regulations.
- 2.2 Tooling is selected, checked for sharpness, and secured in place in accordance with job specifications and manufacturer's instructions.
- 2.3 Jigs and templates are selected in accordance with job specifications.
- 2.4 Machine is set in accordance with job specifications and manufacturer's instructions.
- 2.5 Tools are kept sharp throughout operation.
- 2.6 Materials are measured and marked out for boring.

Outcome 3

Perform boring operations in furniture components.

Performance criteria

- 3.1 Pre-start checks are performed in accordance with the manufacturer's recommendations.
- 3.2 Machine is operated to meet job specifications and in accordance with SOIs and woodwork machinery regulations.

3.3 Holes are bored in furniture components to meet quality requirements of job specifications.

Range size, position, depth.

3.4 Machine's settings are adjusted to rectify any out of specification materials in accordance with job specifications and manufacturer's instructions.

3.5 Any substandard components are identified and reported.

3.6 Machines and work area are left clean, clear, and safe.

Planned review date	31 December 2024
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	9 August 1994	31 December 2023
Review	2	7 May 1997	31 December 2023
Review	3	26 February 2002	31 December 2023
Review	4	19 June 2009	N/A
Review	5	10 December 2020	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.