

Title	Set a multi-boring machine to bore furniture components		
Level	4	Credits	5

Purpose	People credited with this unit standard are able to demonstrate and apply knowledge of: preparing to set; and setting, a multi-boring machine to bore furniture components.
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Classification	Furniture > Furniture and Cabinet Making
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Available grade	Achieved
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Guidance Information

- 1 Assessment information
This unit standard must be assessed against on-job.
All activities and performance criteria must be carried out in accordance with worksite policies and procedures.
- 2 This unit standard does not apply to hinge-boring machines with attachments.
- 3 Personal protective equipment, appropriate to job requirements, must be selected and used in accordance with manufacturer's instructions.
- 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.
Multi-boring machine is defined as having a minimum of two banks vertical and one bank horizontal.
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.

Outcomes and performance criteria

Outcome 1

Demonstrate and apply knowledge of preparing to set a multi-boring machine to bore furniture components.

Performance criteria

- 1.1 Job specifications are obtained and interpreted.
- Range material, number of components, dimensions of components, position of holes, diameter of holes, depth of holes.
- 1.2 Material is obtained in accordance with job specifications.
- 1.3 Tooling is selected in accordance with job specifications.
- 1.4 Environmental and safety requirements are met.
- Range electrical power, lighting, ventilation.

Outcome 2

Demonstrate and apply knowledge of setting a multi-boring machine to bore furniture components.

Performance criteria

- 2.1 Machine is isolated from power sources during set up.
- 2.2 Method of setting and/or adjusting the machine is explained in accordance with manufacturer's instructions.
- Range fitting drills, vertical drilling head movement, horizontal drilling head movement, clamping, end stops, drilling depth.
- 2.3 Drills are fitted to the drilling heads in accordance with job specifications.
- 2.4 Drilling banks are positioned in accordance with job specifications.
- 2.5 End stops are set in accordance with job specifications.
- 2.6 Drilling depth is set in accordance with job specifications.
- 2.7 Work piece clamping is set in accordance with job specifications.
- 2.8 Test piece is run, and any adjustments are made to meet job specifications.
- Range diameter of hole, hole depth, hole position.
- 2.9 Machine maintenance requirements are explained in accordance with manufacturer's instructions.
- 2.10 Work area is left clean, clear, and safe.
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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 2018
Review	2	7 May 1997	31 December 2018
Review	3	26 February 2002	31 December 2018
Review	4	19 June 2009	31 December 2018
Review	5	19 March 2015	N/A
Review	6	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.