

Title	Operate a bandsaw to produce furniture components		
Level	2	Credits	3

Purpose	People credited with this unit standard are able to demonstrate and apply knowledge of preparing to operate, and operating, a bandsaw to produce 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 may be assessed against on-job or off-job.
All activities and performance criteria must be carried out in accordance with worksite policies and procedures.
- 2 **Range**
Demonstration of competence must include both curved and straight edged components.
- 3 **Personal protective equipment, appropriate to job requirements, must be selected and used in accordance with worksite policies and procedures and manufacturer's instructions.**
- 4 **Reference**
Guidance for woodworking machinery, available at <https://worksafe.govt.nz/topic-and-industry/machinery/woodworking>.
- 5 **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

Demonstrate and apply knowledge of preparing operate a bandsaw to produce furniture components.

Performance criteria

- 1.1 Job specifications are obtained and explained.
Range component dimensions, material, number of items, timeframe.
- 1.2 Materials are selected, measured, and marked out for sawing in accordance with job specifications.
- 1.3 Environmental and safety requirements are met.
Range electrical power, lighting, ventilation, dust extraction fans.

Outcome 2

Demonstrate and apply knowledge of operating a bandsaw to produce furniture components.

Performance criteria

- 2.1 Pre-start checks are performed in accordance with the manufacturer's recommendations.
- 2.2 Bandsaw is operated in accordance with manufacturer's instructions and SOIs.
- 2.3 Furniture components are produced to meet job specifications.
- 2.4 Procedure for replacing substandard components is explained.
- 2.5 Blades are checked for sharpness throughout operation and any blades requiring sharpening are reported.
- 2.6 Machine and work area are made clean, clear, and safe.

Replacement information	This unit standard and unit standard 25537 replaced unit standard 9788.
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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	19 June 2009	N/A
Review	2	10 December 2020	N/A

Consent and Moderation Requirements (CMR) reference

0173

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.