

Title	Set a straight cutting saw to cut furniture components		
Level	3	Credits	4

Purpose	People credited with this unit standard are able to: demonstrate and apply knowledge of preparing to set; and set a straight cutting saw, to cut furniture components.
----------------	--

Classification	Furniture > Furniture and Cabinet Making
-----------------------	--

Available grade	Achieved
------------------------	----------

Guidance Information

- 1 Assessment information
This unit standard may be assessed against on-job or off-job.
Job specifications and simple drawings must conform to current commercial industry practice.
All activities and performance criteria must be carried out in accordance with worksite policies and procedures.
- 2 Range
Demonstration of competence must include two of the following saws – docking saw, rip saw, drop saw.
- 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.
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 to set a straight cutting saw to cut furniture components.

Performance criteria

- 1.1 Job specifications are obtained and interpreted.
- Range material, component dimensions, number of components, timeframe.
- 1.2 Types of saw blades are explained in terms of the materials they are used to cut.
- Range combination, hollow ground, crosscut, rip saw.
- 1.3 Fences, safety guards, and saw blade are selected in accordance with job specifications.
- 1.4 Materials are selected in accordance with job specifications.
- 1.5 Environmental and safety requirements are met.
- Range electrical power, lighting, ventilation, dust extraction.

Outcome 2

Set a straight cutting saw to cut furniture components.

Performance criteria

- 2.1 Blade, guards, and riving knife are removed in accordance with manufacturer's instructions.
- 2.2 Selected fences, guards, blade and riving knife are secured in place in accordance with manufacturer's instructions.
- 2.3 Machine is set in accordance with job specifications.
- Range saw height, saw angle, stops, riving knife position.
- 2.4 Routine maintenance is demonstrated in accordance with manufacturer's instructions.
- Range blades, tables, lubrication, pulleys, belts.

Replacement information	This unit standard and unit standard 18904 replaced unit standard 9787.
--------------------------------	---

Planned review date	31 December 2025
----------------------------	------------------

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	26 February 2002	31 December 2023
Review	2	19 June 2009	N/A
Review	3	28 January 2021	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.