

Title	Set a slot mortiser to mortise wooden furniture components		
Level	4	Credits	4

Purpose	People credited with this unit standard are able to: demonstrate and apply knowledge of preparing to set; and set, a slot mortiser, to mortise wooden furniture components.
----------------	---

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

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

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 Personal protective equipment, appropriate to job requirements, must be selected and used in accordance with manufacturer's instructions.
- 3 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.

Outcomes and performance criteria

Outcome 1

Demonstrate and apply knowledge of preparing to set a slot mortiser.

Performance criteria

- 1.1 Job specifications are obtained.

Range	material, component dimensions, number of components, size of mortise, position of mortise.
-------	---

- 1.2 Size of cutter is selected in accordance with job specifications.
- 1.3 Setting of slot mortise is explained in accordance with manufacturer’s instructions.
 - Range mortise width, mortise length, mortise depth, mortise position on components.
- 1.4 Environmental and safety requirements are met.
 - Range electrical power, air supply, ventilations, lighting.

Outcome 2

Set a slot mortiser to mortise wooden furniture components.

Performance criteria

- 2.1 Machine is isolated.
- 2.2 Cutter is fitted to the spindle of the machine in accordance with manufacturer’s instructions.
- 2.3 Mortise is set in accordance with job specifications.
 - Range mortise width, mortise length, mortise depth, mortise position on components.
- 2.4 Air ram is set to hold wooden components securely in accordance with manufacturer’s instructions.
- 2.5 Test piece is run, and any adjustments are made in accordance with job specifications.
- 2.6 Work area is left clean, clear, and safe.

Replacement information	This unit standard and unit standard 25544 replaced unit standard 9798.
--------------------------------	---

Planned review date	31 December 2024
----------------------------	------------------

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	19 June 2009	31 December 2011
Revision	2	17 September 2010	31 December 2018
Review	3	19 March 2015	N/A
Review	4	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.