

| | | | |
|--------------|---|----------------|----------|
| Title | Operate a slot mortiser to mortise wooden furniture components | | |
| Level | 3 | Credits | 3 |

| | |
|----------------|---|
| Purpose | People credited with this unit standard are able to demonstrate and apply knowledge of preparing to operate, and operate, 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 may be assessed against on-job or off-job.
Job specifications, equipment used, and job output must conform to current commercial industry practice.
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 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.

Outcomes and performance criteria

Outcome 1

Demonstrate and apply knowledge of preparing to operate a slot mortiser to mortise wooden furniture components.

Performance criteria

- 1.1 Job specifications are obtained and interpreted.
- Range material, number of components, dimensions of components, position of mortise, timeframe.
- 1.2 Material is obtained in accordance with job specifications.
- 1.3 Adjustment of table travel speed is explained in accordance with manufacturer's instructions.
- 1.4 The procedure for starting cutter rotation is explained in accordance with manufacturer's instructions.
- 1.5 Adjustment of cutter oscillation is explained in accordance with manufacturer's instructions.
- 1.6 Environmental and safety requirements are met.
- Range electrical power, lighting, ventilation, air supply.

Outcome 2

Operate a slot mortiser to mortise wooden furniture components.

Performance criteria

- 2.1 Pre-start checks are performed in accordance with the manufacturer's recommendations.
- 2.2 Materials are loaded onto the machine in accordance with worksite policies and procedures.
- 2.3 Machine is operated in accordance with SOIs.
- 2.4 Machine output is produced to specification and within time limits in accordance with job specifications.
- Range mortise width, mortise length, mortise depth, mortise position on components.
- 2.5 Any out of specification or defective materials are rejected and replaced.
- 2.6 Machines and work area are made clean, clear, and safe.

Replacement information

This unit standard and unit standard 25538 replaced unit standard 9793.

| | |
|----------------------------|------------------|
| 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 | N/A |
| Review | 3 | 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.