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| Title | Operate a dovetailing machine to dovetail wooden drawers | | |
| Level | 3 | Credits | 2 |

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| Purpose | People credited with this unit standard are able to: prepare to operate, and operate a dovetailing machine, to dovetail wooden drawers. |
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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. Competence must be demonstrated on flush bottom drawers. All activities and performance criteria must be carried out in accordance with worksite policies and procedures.
- 2 Personal protective equipment, appropriate to job requirements, is to be selected and used in accordance with worksite policies and procedures and manufacturer's instructions.
- 3 Reference
Guidance for woodworking machinery, available at <https://worksafe.govt.nz/topic-and-industry/machinery/woodworking>.
- 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.
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

Prepare to operate a dovetailing machine to dovetail wooden drawers.

Performance criteria

- 1.1 Job specifications are obtained and interpreted.
- Range component dimensions, number of drawers to be dovetailed, material, timeframe.
- 1.2 Material is selected to meet job requirements.
- 1.3 Environmental and safety requirements are met.
- Range electrical power, lighting, ventilation, dust extraction.

Outcome 2

Operate a dovetailing machine to dovetail wooden drawers.

Performance criteria

- 2.1 Pre-start checks are performed in accordance with the manufacturer's recommendations.
- 2.2 Drawer sides and fronts are loaded into the dovetailing machine.
- Range drawer sides – vertical, inside facing the cutter, bottom edge against end stop;
drawer fronts – horizontal, inside facing down, bottom edge against end stop, end of drawer front against drawer side.
- 2.3 Machine is operated in accordance with manufacturer's instructions.
- 2.4 Output of machine is monitored during operation to ensure drawers meet job specifications. Any out of specification components are rejected and replaced.
- 2.5 Drawers are produced in accordance with job specifications.
- 2.6 Machine and work area are made clean, clear, and safe.

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| Planned review date | 31 December 2025 |
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Status information and last date for assessment for superseded versions

| Process | Version | Date | Last Date for Assessment |
|--------------|---------|-------------------|--------------------------|
| Registration | 1 | 7 May 1997 | 31 December 2011 |
| Review | 2 | 26 February 2002 | 31 December 2011 |
| Review | 3 | 19 June 2009 | 31 December 2011 |
| Revision | 4 | 17 September 2010 | N/A |
| Review | 5 | 28 January 2021 | N/A |

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| 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.