

Title	Use basic portable power tools for furniture making		
Level	2	Credits	4

Purpose	People credited with this unit standard are able to: demonstrate and apply knowledge of preparing to use; and use, basic portable power tools for furniture making.
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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 must be assessed against on-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 **Range**
Tools selected for this unit standard must be either pneumatic, electrically powered, or battery powered. Competence must be demonstrated using three of – orbital sander, portable screwdriver, portable drill, portable planer, portable belt sander, circular saw, trimmer, manual feed edge-trimming machine.
- 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 **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 use basic portable power tools for furniture making.

Performance criteria

- 1.1 Job specifications are obtained and interpreted.
- Range component or product to be produced, number of units to be produced, timeframe to complete the job.
- 1.2 Power tools are selected in accordance with job specifications.
- 1.3 Power tools are set up in accordance with manufacturer's instructions.
- 1.4 Safety requirements when using portable tools are explained in accordance with manufacturer's instructions.
- Range electric, pneumatic.
- 1.5 Routine maintenance of portable power tools is explained in accordance with manufacturer's instructions.
- Range cutting edges, leads and plugs, bearings, worn or damaged parts.

Outcome 2

Use portable basic power tools for furniture making.

Performance criteria

- 2.1 Portable power tools are used in accordance with job specifications and manufacturer's instructions.
- 2.2 Change of tooling is demonstrated in accordance with manufacturer's instructions.
- 2.3 Any defects in the finished work are identified, marked, and rectified in accordance with job specifications.
- 2.4 Equipment and materials are stored safely and securely.
- 2.5 Portable power tools and work area are made clean, clear, and safe.

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	23 February 1999	31 December 2011
Review	2	26 February 2002	31 December 2011
Review	3	19 June 2009	31 December 2018
Review	4	19 March 2015	N/A
Review	5	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.