

<b>Title</b>	<b>Set a wide belt sander to sand wooden furniture components</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>4</b>

<b>Purpose</b>	People credited with this unit standard are able to demonstrate and apply knowledge of preparing to set a wide belt sander; and set a wide belt sander to sand wooden furniture components.
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<b>Classification</b>	Furniture > Furniture and Cabinet Making
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<b>Available grade</b>	Achieved
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### 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. 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.

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## Outcomes and performance criteria

### Outcome 1

Demonstrate and apply knowledge of preparing to set a wide belt sander.

#### Performance criteria

- 1.1 Job specifications are obtained and interpreted.  
Range material, component thickness, number of components.
- 1.2 Material is selected in accordance with job specifications.
- 1.3 Sanding belt is selected in accordance with job specifications.
- 1.4 Method of setting the machine is explained.  
Range changing belt, tensioning belt, tracking, table height, feed speed.
- 1.5 Machine maintenance requirements are explained.  
Range daily cleaning, work-table lifting, belt tensioning, sanding drum unit, pneumatic system.
- 1.6 Environmental and safety requirements are met.  
Range electrical power, lighting, ventilation, dust extraction.

### Outcome 2

Set a wide belt sander to sand wooden furniture components.

#### Performance criteria

- 2.1 Machine is isolated in accordance with SOIs.
- 2.2 Belt is changed in accordance with job specifications and manufacturer's instructions.
- 2.3 Belt is tensioned in accordance with manufacturer's instructions.
- 2.4 Belt tracking is checked in accordance with manufacturer's instructions.
- 2.5 Work-table height is set in accordance with job specifications.
- 2.6 Work-table feed speed is set in accordance with manufacturer's instructions.
- 2.7 Test piece is run, and any required adjustments are made in accordance with job specifications.
- 2.8 Work area is left clear, clean, and safe.

<b>Planned review date</b>	31 December 2024
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#### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	9 August 1994	31 December 2011
Review	2	7 May 1997	31 December 2011
Review	3	26 February 2002	31 December 2011
Review	4	19 June 2009	31 December 2011
Revision	5	17 September 2010	31 December 2018
Review	6	19 March 2015	N/A
Review	7	10 December 2020	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	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](mailto:qualifications@competenz.org.nz) if you wish to suggest changes to the content of this unit standard.