

<b>Title</b>	<b>Set and operate an automatic feed edge-banding machine to edge panels for furniture making</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>6</b>

<b>Purpose</b>	People credited with this unit standard are able to: demonstrate and apply knowledge of preparing to set; set; and operate an automatic feed edge-banding machine to edge panels for furniture making.
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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 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 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.

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### Outcomes and performance criteria

#### Outcome 1

Demonstrate and apply knowledge of preparing to set an automatic feed edge-banding machine for furniture making.

**Performance criteria**

- 1.1 Job specifications are obtained and interpreted.
- Range panel size, number of panels, type of edge tape, colour of tape, thickness of tape.
- 1.2 Panels and edge tape are obtained in accordance with job specifications.
- 1.3 Maintenance requirements for the edge-bander are explained in accordance with manufacturer's instructions.
- Range tape guides, feed roller, trimming heads, cut-off saws or knives.
- 1.4 Environmental and safety requirements are met.
- Range electrical power, air supply, lighting, ventilation.

**Outcome 2**

Set an automatic feed edge-banding machine to edge panels for furniture making.

**Performance criteria**

- 2.1 Adjustment of machine settings is explained in accordance with manufacturer's instructions.
- Range tape feed speed, trimming heads, cut-off saws or knives, temperature.
- 2.2 Edge-banding machine is set for size of tape according to job specifications.
- 2.3 Feed speed is set according to manufacturer's instructions.
- 2.4 Temperature is set according to manufacturer's instructions.
- 2.5 Trimming heads are set according to manufacturer's instructions.
- 2.6 Cut-off saws or knives are set according to manufacturer's instructions.
- 2.7 Test piece is run, and any adjustments are made to meet job specifications.

**Outcome 3**

Operate an automatic feed edge-banding machine to edge panels for furniture making.

**Performance criteria**

- 3.1 Machine is operated in accordance with SOIs.

3.2 Panels and edge-banding are loaded into machine in accordance with job specifications.

Range correct panel edge being taped, panel flat on table with edge against the fence.

3.3 Panels are monitored throughout production in accordance with job specifications.

3.4 Possible causes of panels not meeting job specifications and their corrective actions are explained.

Range incorrect edging tape, edging adhesion not holding, edging tape below panel face surface.

3.5 Machine and work area are made clean, clear, and safe.

<b>Planned review date</b>	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	26 February 2002	31 December 2018
Review	2	19 June 2009	31 December 2018
Review	3	19 March 2015	N/A
Review	4	28 January 2021	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.