

Title	Edge joint materials used in furniture making to make a flat panel		
Level	3	Credits	4

Purpose	People credited with this unit standard are able to demonstrate and apply knowledge of preparing to edge joint; and edge joint, materials used in furniture making to make a flat panel.
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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.

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 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.

MSDS refers to Material Safety Data Sheets which are documents containing information on toxic substances used in the worksite. It is a requirement of the Environmental Risk Management Authority that all worksites using toxic substances have an MSDS.

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 edge joint materials used in furniture making to make a flat panel.

Performance criteria

- 1.1 Job specifications are obtained and interpreted.
- Range material, panel dimensions, adhesive, cramping method, type of joint.
- 1.2 Machined joints are described in terms of their construction.
- Range butt joint, reversible F joint, finger joint, biscuit joint.
- 1.3 Cramps are described in terms of how to use them and a disadvantage and advantage of each is explained.
- Range sash cramp, rotary cramp, pneumatic cramp, stacker cramp.
- 1.4 Cramping equipment is selected in accordance with job specifications.
- 1.5 Material is selected, face marked, and stacked in accordance with job specifications.
- 1.6 Adhesive is selected in accordance with job specifications.
- 1.7 Safety considerations related to the use of selected adhesive are explained in accordance with MSDS.

Outcome 2

Edge joint materials used in furniture making to make a flat panel.

Performance criteria

- 2.1 Adhesive is applied to the edge of the timber in accordance with manufacturer's instructions and job specifications.
- Range amount, even application, temperature.
- 2.2 Cramping equipment is used to join timber in accordance with manufacturer's instructions and job specifications.
- Range even pressure, cramping time, excess glue removed, protective cover between timber and cramp where required.

- 2.3 Panel is checked to be structurally sound in accordance with job specifications.
Range adhesive set, free from blemishes.
- 2.4 Equipment is cleaned, and excess glue is disposed of.

Planned review date	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	26 February 2002	31 December 2011
Review	2	19 June 2009	31 December 2011
Revision	3	17 September 2010	31 December 2018
Review	4	19 March 2015	N/A
Review	5	10 December 2020	N/A

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.