

## LMF32109 Certificate III in Cabinet Making

This qualification covers the skills and knowledge required to perform a range of skills associated with the manufacture and installation of free-standing and fitted furniture.

### Job roles/employment outcomes

The Certificate III in Cabinet Making describes the trade level outcomes for those working in furniture making and those involved in the manufacture and installation of fitted furniture typically in a kitchen, bathroom and related context. Installation skills may be applied to new or renovation work. All cabinet maker outcomes require customer communication skills in order to ensure customer requirements are met.

### Application

This qualification applies to trade level cabinet making work associated with free standing furniture manufacturing or the manufacture and installation of fitted furniture. Training programs for this qualification are suitable to be undertaken as part of a formal training contract with an employer under an Australian Apprenticeship arrangement.

### Pathways into the qualification

**This qualification may be accessed by direct entry. Credit may be granted towards this qualification by those who have completed LMF20309 Certificate II in Furniture Making.**

### Pathways from the qualification

**Further training pathways from this qualification include LMF40508 Certificate IV in Furniture Design and Technology.**

### Additional qualification advice

There are two pathways offered within the Certificate III in Cabinet Making targeting the skill requirements of:

1. free-standing furniture makers, and
2. kitchen and bathroom cabinet makers and installers.

Qualification descriptors for this qualification will depend on the pathway selection. Those completing Pathway 1 will achieve a Certificate III in Cabinet Making (Furniture) and those completing Pathway 2 will achieve a Certificate III in Cabinet Making (Kitchens and Bathrooms).

The MSA31108 Certificate III in Competitive Manufacturing is available for employees at this level who already possess technical skills and who require additional manufacturing practice skills above those available in this qualification.

### Licensing considerations

Depending on the State and Territory where work is undertaken licensing may relate to this qualification where the candidate is required to work on site assisting in kitchen and bathroom installation. The licensing requirement will usually involve construction induction training. Where licensing is required the unit *CPCCOHS1001A Work safely in the construction industry* should be selected. If no licensing requirement exists e.g. where all work will be off-site then the unit *MSAPMOHS200A Work safely* should be selected.

## Packaging Rules

To be awarded the Certificate III in Cabinet Making, competency must be achieved in **twenty**

**seven (27)** units. Units must be selected according to the rules described below. Assessment must be in accordance with the Assessment Guidelines.

- 6 mandatory units must be completed
- 18 specialist units must be completed
- 3 other electives must be completed

#### Group 1 - MANDATORY UNITS

**Six (6)** units must be completed from Group 1, chosen as described below.

##### Group 1A

Select all **five (5)** of the units in this list.

MSAPMSUP102A	Communicate in the workplace
MSAPMSUP106A	Work in a team
LMFCR0003B	Carry out measurements and calculations
LMFFM2001B	Use furniture making hand and power tools
LMFGN3001B	Read and interpret work documents

##### Group 1B

At least one of the following units must be chosen.

CPCCOHS1001A	Work safely in the construction industry
MSAPMOHS200A	Work safely

#### Group 2 - SPECIALIST UNITS

**Eighteen (18)** specialist units must be selected from Group 2 as described below.

A minimum of **eight (8)** units must be selected from Groups 2A and 2C **or eight (8)** from Groups 2B and 2C.

##### Group 2A: PATHWAY1 - Furniture

LMFFM2002B	Assemble furnishing components
LMFFF2004B	Prepare surfaces for finishing
LMFFM2005B	Join solid timber
LMFFM2006B	Hand make timber joints
LMFFM3002B	Construct furniture using leg and rail method
LMFFM3005B	Fabricate custom furniture
LMFFM3006B	Install furnishing products

##### Group 2B: PATHWAY2 - Kitchens and Bathrooms

LMFKB2001A	Prepare for cabinet installation
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LMFKB3001A	Identify processes in kitchen and bathroom projects
LMFKB3002A	Determine requirements for installation of cabinets
LMFKB3003A	Check and measure fit of cabinets
LMFKB3004A	Conduct on-site adjustments to cabinets and components
LMFKB3005A	Fabricate cabinets for the built-in environment
LMFKB3006A	Install fitted cabinets and components

## Group 2C - Common Specialist

BSBCUS301A	Deliver and monitor a service to customers
LMFFM2003B	Select and apply hardware
LMFFM2010B	Set up, operate and maintain basic static machines
LMFFM2011B	Apply manufactured board conversion techniques
LMFFM3012B	Prepare a cutting list from plans and specifications
LMFFM3030B	Set up, operate and maintain CNC sizing machines
LMFFM3031B	Set up, operate and maintain CNC machining and processing centres
LMFGN3002B	Estimate and cost job
MSACMT230A	Apply cost factors to work practices

The balance of Group 2 specialist units may be selected in any combination from Groups 2A, 2B and 2C units listed above and from Group 2D below.

## Group 2D - Elective Specialist

CUVCRS03B	Produce computer-aided drawings
LMFFF2006B	Apply surface coatings by spray gun
LMFFM2012B	Set up, operate and maintain pressure and clamping machines
LMFFM3001B	Construct chair and couch frames
LMFFM3003B	Produce angled and curved furniture using manufactured board
LMFFM3004B	Produce angled and curved furniture using solid timber
LMFFM3007B	Prepare and apply decorative surfaces for furniture
LMFFM3010B	Select timbers for furniture production
LMFFM3011B	Produce manual and computer-aided production drawings
LMFFM3013B	Measure and draw site layout for manufactured furniture products

LMFFM3020B	Set up, operate and maintain sawing machines
LMFFM3021B	Set up, operate and maintain drilling machines
LMFFM3022B	Set up, operate and maintain joining machines
LMFFM3023B	Set up, operate and maintain planing and finishing machines
LMFFM3024B	Set up, operate and maintain multi-head planing and moulding machines
LMFFM3025B	Set up, operate and maintain routing and shaping machines
LMFFM3026B	Set up, operate and maintain mechanical wood turning lathes
LMFFM3027B	Set up, operate and maintain automated edge banding machines
LMFFM3028B	Fabricate synthetic solid surface products
LMFFM3032B	Produce and maintain cutting tools
LMFFM3033B	Construct jigs and fixtures
LMFFT4001B	Coordinate on-site installation
LMFFT4007B	Sample, inspect and test products to specifications
LMFFT4008B	Interpret and use workplace information
LMFFT4009B	Match furnishing styles to customer requirements
MSACMC210A	Manage the impact of change on own work
MSACMS200A	Apply competitive manufacturing practices
MSACMS201A	Sustain process improvements
MSACMT220A	Apply quick changeover procedures
MSACMT221A	Apply Just in Time (JIT) procedures
MSACMT240A	Apply 5S procedures in a manufacturing environment
MSACMT250A	Monitor process capability
MSACMT251A	Apply quality standards
MSACMT260A	Use planning software systems in manufacturing
MSACMT261A	Use SCADA systems in manufacturing
MSACMT270A	Use sustainable energy practices
MSACMT271A	Use sustainable environmental practices
MSACMT280A	Undertake root cause analysis

MSACMT281A	Contribute to the application of a proactive maintenance strategy
MSAPMOPS363A	Organise on-site work
MSAPMPER200B	Work in accordance with an issued permit
MSAPMSUP390A	Use structured problem solving tools
TLID307D	Handle dangerous goods/hazardous substances

### Group 3 - OTHER ELECTIVES

The balance of units (up to a maximum of **three**) may be drawn in any combination from:

- Group 2 units listed above, additional to any already selected
- Other units in this Training Package, which may include up to **one** from Certificate IV level and **one** from Certificate II level
- Units from other relevant endorsed Training Packages, where those units are available at Certificate III.

Note that if any of the above units have prerequisites, they must be included in the total.

## Employability Skills for LMF32109 Certificate III in Cabinet Making

The following table contains a summary of the employability skills for this qualification. This table should be interpreted in conjunction with the detailed requirements of each unit of competency packaged in this qualification. The outcomes described here are broad industry requirements that may vary depending on the packaging options.

<b>Employability Skill Communication</b>	<p><b>Industry/enterprise requirements for this qualification include:</b></p> <ul style="list-style-type: none"> <li>• Complete written documents, forms and timesheets</li> <li>• Use communication technologies efficiently</li> <li>• Communicate production abnormalities</li> <li>• Demonstrate effective and appropriate communication and interpersonal skills when dealing with people from a range of backgrounds</li> <li>• Read, interpret and communicate production schedules</li> <li>• Communicate with all team members</li> </ul>
<b>Teamwork</b>	<ul style="list-style-type: none"> <li>• Work cooperatively with people of different ages, gender, race or religion</li> <li>• Liaise with and provide support to other team members</li> <li>• Work as part of a team</li> <li>• Keep team members informed of changes to work practices</li> <li>• Identify team performance required to meet customer needs</li> <li>• Provide leadership to others in the team</li> <li>• Encourage the sharing of information between team members</li> <li>• Plan and support team activities</li> </ul>
<b>Problem solving</b>	<ul style="list-style-type: none"> <li>• Identify and report problems and make contributions to their solution</li> <li>• Investigate problem causes</li> <li>• Implement changes</li> <li>• Examine tools for damage, missing components or other defects</li> <li>• Identify and promptly address problems or issues</li> <li>• Assess quality of work pieces</li> <li>• Determine effective work practices</li> <li>• Provide problem solving support to team members</li> <li>• Problem solve machine operational and maintenance requirements</li> </ul>
<b>Initiative and enterprise</b>	<ul style="list-style-type: none"> <li>• Seek and provide feedback on procedures</li> <li>• Gather and analyse information</li> <li>• Record information on the quality and other indicators of production performance</li> <li>• Adjust and implement production schedules changes</li> <li>• Provide leadership</li> <li>• Identify and implement process improvements</li> <li>• Coordinate work activities and manufacturing processes</li> <li>• Monitor workplace performance</li> <li>• Use analytical and decision making skills</li> </ul>
<b>Planning and organising</b>	<ul style="list-style-type: none"> <li>• Identify hazards and implement appropriate hazard control</li> </ul>

measures

- Organise self and others to meet production schedules
- Identify and rectify stock shortages in advance
- Sequence work to maximise safety and productivity
- Select and use appropriate tools and equipment
- Determine materials, quality and production requirements
- Apply time management skills to ensure work flow

### **Self management**

- Interpret and apply relevant acts and regulations
- Keep the work area clean and tidy at all times
- Conduct regular housekeeping activities
- Understand own work activities
- Manage own time and establish own work schedule
- Develop and implement workplace procedures and instructions
- Locate, interpret and apply information relevant to own work
- Monitor and evaluate own work quality
- Accept responsibility for quality of work

### **Learning**

- Develop learning activities as appropriate
- Assess competencies in meeting job requirements
- Identify own training needs and seek skill development if required
- Listen to feedback from others
- Identify sources of information to expand knowledge and understanding
- Identify and address skill development needs of others in the team

### **Technology**

- Use software applications effectively
- Properly start up, operate and shut down computers
- Work with technology safely and according to workplace standards
- Establish procedures
- Carry out pre-operational checks on equipment and machines
- Operate equipment and machines safely, efficiently and to productivity requirements
- Monitor and adjust machine functions
- Perform machine maintenance as determined by workplace procedures
- Clean and check equipment and machines