



**Australian Government**

**Department of Education, Employment and Workplace Relations**

# **LMF31208 Certificate III in Flooring Technology**

**Revision Number: 1**

## **LMF31208 Certificate III in Flooring Technology**

### **Modification History**

Not applicable.

## Description

This qualification describes the skills and knowledge required to perform flooring technology tasks including preparing flooring surfaces and handling, installing and finishing carpet, resilient, vinyl and timber flooring materials.

### Job roles/employment outcomes

The LMF31208 Certificate III in Flooring Technology reflects vocational outcomes for those performing flooring job roles including safe handling of materials in a defined range of skilled operations, usually within a range of broader related activities involving known routines, methods and procedures, where some discretion and judgement is required in the selection of equipment, services or contingency measures and within known time constraints.

### Application

This qualification is typically used to develop skills and a breadth, depth and complexity of knowledge in flooring techniques and would cover selecting, adapting and transferring this skill and knowledge to new environments and providing technical advice and some leadership in resolution of specific problems. Application would be across a range of roles in a variety of contexts with some complexity in the extent and choice of options available and may involve some responsibility for others. Participation in teams including group or team coordination may be required.

### Pathways into the qualification

This qualification may be accessed by direct entry. Credit can be granted towards this qualification by those who have completed LMF20908 Certificate II in Flooring Technology or achieved equivalent industry experience.

### Pathways from the qualification

Further training pathways from this qualification may include LMF40202 Certificate IV in Furnishing Technology or similar furnishing qualifications plus relevant supervisory, management or competitive manufacturing qualifications.

### Licensing considerations

There are no specific licences that relate to this qualification. However, depending on the jurisdiction, licensing or regulatory requirements may apply to the use of some units in this qualification. Local regulations should be checked for details.

## Pathways Information

Not applicable.

## Licensing/Regulatory Information

Not applicable.

## **Entry Requirements**

Not applicable.

## Employability Skills Summary

### EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	<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>
Teamwork	<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>
Problem-solving	<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>
Initiative and enterprise	<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> </ul>

**EMPLOYABILITY SKILLS QUALIFICATION SUMMARY**

	<ul style="list-style-type: none"> <li>• monitor workplace performance</li> <li>• use analytical and decision making skills</li> </ul>
Planning and organising	<ul style="list-style-type: none"> <li>• identify hazards and implement appropriate hazard control measures</li> <li>• organise self and others to meet production schedules</li> <li>• identify and rectify stock shortages in advance</li> <li>• sequence work to maximise safety and productivity</li> <li>• select and use appropriate tools and equipment</li> <li>• determine materials, quality and production requirements</li> <li>• apply time management skills to ensure work flow</li> </ul>
Self-management	<ul style="list-style-type: none"> <li>• interpret and apply relevant acts and regulations</li> <li>• keep the work area clean and tidy at all times</li> <li>• conduct regular housekeeping activities</li> <li>• understand own work activities</li> <li>• manage own time and establish own work schedule</li> <li>• develop and implement workplace procedures and instructions</li> <li>• locate, interpret and apply information relevant to own work</li> <li>• monitor and evaluate own work quality</li> <li>• accept responsibility for quality of work</li> </ul>
Learning	<ul style="list-style-type: none"> <li>• develop learning activities as appropriate</li> <li>• assess competencies in meeting job requirements</li> <li>• identify own training needs and seek skill development if required</li> <li>• listen to feedback from others</li> <li>• identify sources of information to expand knowledge and understanding</li> <li>• identify and address skill development needs of others in the team</li> </ul>
Technology	<ul style="list-style-type: none"> <li>• use software applications effectively</li> <li>• properly start up, operate and shut down computers</li> <li>• work with technology safely and according to workplace standards</li> <li>• establish procedures</li> <li>• carry out pre-operational checks on equipment and machines</li> <li>• operate equipment and machines safely, efficiently and to productivity requirements</li> <li>• monitor and adjust machine functions</li> <li>• perform machine maintenance as determined by workplace procedures</li> <li>• clean and check equipment and machines</li> </ul>

## Packaging Rules

### Packaging Rules

To be awarded the LMF31208 Certificate III in Flooring Technology, competency must be achieved in **twenty-five (25)** units of competency.

- **eleven (11)** core units of competency
- **fourteen (14)** elective units of competency.

Note: Where prerequisite units apply, these have been listed, and must be considered in the total number of units.

### CORE UNITS

Complete all **eleven (11)** units from this list.

Unit code	Unit title	Prerequisites
LMFFL2001A	Use flooring technology sector hand and power tools	
LMFFL2002A	Receive and prepare floor covering materials for installation	
LMFFL3001B	Plan and cost flooring technology work	
LMFFL3002A	Establish and maintain a safe flooring technology work environment	
LMFGN3001B	Read and interpret work documents	
MSAENV272B	Participate in environmentally sustainable work practices	

Unit code	Unit title	Prerequisites
MSAPMOHS200A	Work safely	
MSAPMOPS101A	Make measurements	
MSAPMSUP102A	Communicate in the workplace	
MSAPMSUP106A	Work in a team	
TLID307E	Handle dangerous goods/hazardous substances	

## ELECTIVE UNITS

Select **fourteen (14)** units from Groups A, B and C as specified below.

### Group A

Select a minimum of **nine (9)** units from Groups A and B with at least **four (4)** units being coded LMFFL3\*\*\*\*

Unit code	Unit title	Prerequisites
<b>Carpets</b>		
LMFFL3201A	Install carpet tiles using custom designs	
LMFFL3202A	Install adhesive fixed carpet floor coverings	
LMFFL3203A	Install commercial carpet floor coverings	
LMFFL3204A	Install patterned carpet floor coverings	
LMFFL3205A	Install custom	



Unit code	Unit title	Prerequisites
	design carpet and decorative finishes	
LMFFL3206A	Install synthetic textile floor coverings to sports facilities	
LMFFL3207A	Install carpet floor coverings to custom design stairs	
<b>Resilient</b>		
LMFFL3301A	Install linoleum floor coverings	
LMFFL3302A	Install commercial vinyl floor coverings	
LMFFL3303A	Install resilient floor coverings using custom designs and decorative finishes	
LMFFL3304A	Install resilient tiles using custom design and decorative finishes	
LMFFL3305A	Install rubber floor coverings	
LMFFL3306A	Install resilient sheet to walls	
LMFFL3307A	Install resilient sheet to bench and countertops	
LMFFL3308A	Install anti-static resilient floor coverings	

Unit code	Unit title	Prerequisites
LMFFL3309A	Install conductive resilient floor coverings	
LMFFL3310A	Cut and install resilient floor coverings to stairs	
<b>Coatings</b>		
LMFFF3001B	Match and make up colours	
LMFFL3401A	Mix and apply epoxy and seamless floor coverings	
LMFFL3402A	Apply solvent based coatings to timber floors	
LMFFL3403A	Apply water based coatings to timber floors	
LMFFL3404A	Apply oil based coatings to timber floors	
LMFFL3405A	Apply composite based coatings	
LMFFL3406A	Apply emulsion wax coatings	
LMFFL3407A	Apply stains and fillers	
<b>Timber</b>		
LMFFL3501A	Adapt and apply custom designs to timber flooring	
LMFFL3502A	Cut and install timber flooring to	

Unit code	Unit title	Prerequisites
	stairs	
LMFFL3503A	Install direct stick timber flooring	
LMFFL3504A	Detect defective timber flooring	
LMFFL3505A	Install block parquetry flooring	
LMFFL3506A	Install cork tiles	
LMFFL3507A	Install patterned parquetry	
LMFFL3508A	Install sheet mosaic parquetry	
LMFFL3509A	Install sprung timber flooring	
LMFFL3510A	Install strip timber flooring onto battens	
LMFFL3511A	Install strip flooring onto plywood	
LMFFL3512A	Repair timber flooring	
LMFFL3513A	Maintain timber, laminate and engineered flooring	
<b>Sanding and Polishing</b>		
LMFFL3601A	Fine sand timber flooring	
LMFFL3602A	Edge sand timber flooring	
LMFFL3603A	Sand cork flooring	

Unit code	Unit title	Prerequisites
LMFFL3604A	Sand and fill parquetry flooring	
LMFFL3605A	Apply finishes to cork flooring	

**Group B**

Unit code	Unit title	Prerequisites
LMFFL2003A	Select, operate and maintain floor covering cutting machine	
LMFFL2004A	Moisture test timber and concrete floors	
LMFFL2101A	Remove existing floor coverings	
LMFFL2102A	Prepare, select and apply smoothing and patching compounds	
LMFFL2103A	Select and apply appropriate compounds and additives	
LMFFL2106A	Prepare walls for covering	
LMFFL2111A	Coarse sand timber flooring	
LMFFL2112A	Install hard underlays	
LMFFL2201A	Install carpet cushion/underlays and gripper accessories	

Unit code	Unit title	Prerequisites
LMFFL2202A	Install unpatterned tufted and bonded carpet floor coverings	
LMFFL2203A	Install carpet tiles using standard installation procedures	
LMFFL2204A	Install unpatterned tufted and bonded carpet floor coverings to stairs	
LMFFL2301A	Install lay flat vinyl floor coverings	
LMFFL2302A	Install resilient tiles using standard installation procedures	
LMFFL2501A	Install laminate and engineered timber flooring	
LMFFL2502A	Install impact and sound absorption underlay	
LMFFL2503A	Nail strip timber flooring	
LMFFL2504A	Install expansion joints	
LMFFL2505A	Install mouldings and edge trims to timber floors	
LMFFL3101A	Inspect sub-floors	

## Group C

Up to **five (5)** relevant units may be chosen from units not already selected from Groups A or B, or units available in this Training Package or other endorsed Training Packages and accredited courses. Those units must be aligned at Certificate II level (maximum 2 units), Certificate III level (maximum 4 units) or Certificate IV level (maximum 2 units).

Units selected from other Training Packages and accredited courses via Group C must be relevant to the qualification outcome and not duplicate units available within this qualification.

If Competitive Manufacturing units are chosen (identified as MSACM in the code), these should only be selected on the basis of work requirements.