



Australian Government

Department of Education, Employment and Workplace Relations

LMF31308 Certificate III in Coopering

Revision Number: 2

LMF31308 Certificate III in Coopering

Modification History

LMF31308 Replaced by HLTFA301B Apply First Aid

Description

This qualification describes the skills and knowledge required to perform coopering using a variety of specialist machines to work timber and utilising basic welding techniques in the barrel making process.

Job roles/employment outcomes

The LMF31308 Certificate III in Coopering reflects vocational outcomes for those performing coopering job roles 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 coppering 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 LMF21308 Certificate II in Coopering or achieved equivalent industry experience.

Pathways from the qualification

Further training pathways from this qualification may include other furnishing qualifications at Certificate IV and Diploma level and 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"> • collect, organise and understand information related to work orders, basic plans and safety procedures • collect, organise and understand detailed technical information related to the materials and the products used in and related to coopering operations • communicate ideas and information to enable confirmation of work requirements and specifications, coordination of work with site supervisor, other workers and customers, and the reporting of work outcomes and problems • maintain records related to product and materials quality
Teamwork	<ul style="list-style-type: none"> • work with others and in a team by recognising dependencies and using cooperative approaches to optimise work flow and productivity
Problem-solving	<ul style="list-style-type: none"> • use pre-checking and inspection techniques to ensure the tools are serviceable and ready to use • use checking and inspection techniques to ensure barrels comply with specifications and that instances of non-compliance are remedied • identify, anticipate and respond to faults in timber and/or seasoning processes • identify, anticipate and respond to the problems related to timber and material properties • identify and analyse faults in barrels • select and apply the most appropriate barrel maintenance and repair techniques • use sensory evaluation techniques to identify basic wine faults • identify, anticipate and respond to the impact of the barrel properties on the product (wine and spirits)
Initiative and enterprise	<ul style="list-style-type: none"> • recognise and respond to circumstances outside instructions or personal competence
Planning and organising	<ul style="list-style-type: none"> • plan and organise activities including the preparation and layout of own worksite and the obtaining and use of tools and materials to avoid any backtracking, work flow interruptions or wastage during the production cycle • use mathematical ideas and techniques to correctly complete measurements, calculate area and volume, and estimate other material requirements

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
Self-management	<ul style="list-style-type: none"> clarify and confirm specified work instructions plan work within given task parameters apply systematic and effective time management accept responsibility for given tasks set, monitor and satisfy personal work goals
Learning	<ul style="list-style-type: none"> satisfy the competency requirements for the job maintain current knowledge of coopering tools and barrel production materials maintain current knowledge of coopering processes and techniques seek learning opportunities
Technology	<ul style="list-style-type: none"> use the workplace technology related to the selection, preparation and use of coopering products and materials including hand and power tools, calculators, measuring devices and technical support systems

Packaging Rules

Packaging Rules

To be awarded the LMF31308 Certificate III in Coopering, competency must be achieved in **twenty-five (25)** units of competency.

- fifteen (15)** core units of competency
- ten (10)** 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 **fifteen (15)** units from this list.

Unit code	Unit title	Prerequisites
LMFCP2001A	Use coopering sector hand and power tools	
LMFCP2002A	Produce barrels using non-fired processes	

Unit code	Unit title	Prerequisites
LMFCP3001A	Apply product knowledge to production operations	
LMFCP3002A	Select and season timbers for furniture production	
LMFCP3003A	Produce barrels using fired processes	
LMFFM2006B	Hand make timber joints	
HLTFA301B	Apply First Aid	
LMFGN2002B	Move and store materials and products	
LMFGN3001B	Read and interpret work documents	
MSAENV272B	Participate in environmentally sustainable work practices	
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 **ten (10)** units from Groups A, B and C as specified below.

Group A

Select a minimum of **four (4)** units from Group A

Unit code	Unit title	Unit code
LMFFM2010B	Set up, operate and maintain basic static machines	
LMFFM2012B	Set up, operate and maintain pressure and clamping machines	
LMFFM3020B	Set up, operate and maintain sawing machines	
LMFFM3022B	Set up, operate and maintain joining machines	
LMFFM3033B	Construct jigs and fixtures	

Group B

Select up to **six (6)** units form Groups B and C

Unit code	Unit title	Prerequisites
LMFCP3004A	Maintain and repair barrels	
LMFFF2004B	Prepare surfaces for finishing	
LMFFM2002B	Assemble furnishing components	
LMFFM2003B	Select and apply hardware	
LMFFM2005B	Join solid timber	
LMFFM2007B	Follow plans to assemble production	

Unit code	Unit title	Prerequisites
	furniture	
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	
LMFFM3032B	Produce and maintain cutting tools	
LMFGN3002B	Estimate and cost job	
MEM05007C	Perform manual heating and thermal cutting	
MEM05012C	Perform routine manual metal arc welding	
MEM05050B	Perform routine gas metal arc welding	
MEM06001B	Perform hand forging	
MEM18001C	Use hand tools	

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 1 unit), Certificate III level (maximum 5 units) or Certificate IV level (maximum 1 unit).

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.