



Australian Government

Department of Education, Employment and Workplace Relations

LMF31708 Certificate III in Stained Glass and Lead Lighting

Revision Number: 1

LMF31708 Certificate III in Stained Glass and Lead Lighting

Modification History

Not applicable.

Description

This qualification describes the skills and knowledge required to construct and repair a range of stained glass and lead lighting components.

Job roles/employment outcomes

The LMF31708 Certificate III in Stained Glass and Lead Lighting reflects vocational outcomes for those performing stained glass and lead lighting manufacture, installation and repair 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 installing and repairing stained glass and lead lighting 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 may be granted towards this qualification by those who have completed LMF21208 Certificate II in Stained Glass and Lead Lighting or achieved equivalent industry experience.

Pathways from the qualification

Further training pathways from this qualification may include LMF50310 Diploma of Stained Glass and Lead Lighting 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	collect, organise and understand information related to work orders, basic plans and safety procedures
Teamwork	- collect, organise and understand detailed technical information related to the materials and the products used in and related to stained glass and lead lighting - 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
Problem-solving	work with others and in a team by recognising dependencies and using cooperative approaches to optimise work flow and productivity
Initiative and enterprise	- use pre-checking and inspection techniques to ensure the tools are serviceable and ready to use - use checking and inspection techniques to ensure instruments comply with specifications and that instances of non-compliance are remedied - identify, anticipate and respond to faults in materials - identify, anticipate and respond to the problems related to glass and material properties - identify and analyse faults in stained glass and lead lighting - select and apply the most appropriate stained glass and lead lighting maintenance and repair techniques - identify, anticipate and respond to the impact of the material properties on the product
Planning and organising	- recognise and respond to circumstances outside instructions or personal competence - use mathematical ideas and techniques to correctly complete measurements, calculate area and volume, and estimate other material requirements
Self-management	- 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

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

Learning	• satisfy the competency requirements for the job • maintain current knowledge of stained glass and lead lighting tools and production materials • maintain current knowledge of stained glass and lead lighting processes and techniques • seek learning opportunities
Technology	• use the workplace technology related to the selection, preparation and use of stained glass and lead lighting products and materials including hand and power tools, calculators, measuring devices and technical support systems

Packaging Rules

Packaging Rules

To be awarded the LMF31708 Certificate III in Stained Glass and Lead Lighting, competency must be achieved in **twenty-five (25)** units of competency.

- **sixteen (16)** core units of competency
- **nine (9)** 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 **sixteen (16)** units from this list.

Unit code	Unit title	Prerequisites
LMFFM3033B	Construct jigs and fixtures	
LMFGG2001B	Use glass and glazing hand and power tools	
LMFGG2002B	Apply First Aid	
LMFGG2005B	Move glass sheets by hand	
LMFGG2007B	Process glass by	

Unit code	Unit title	Prerequisites
	basic machines	
LMFGG3006B	Apply film to glass	
LMFGG3013B	Construct and repair leadlight and stained glass panels	
LMFGN3001B	Read and interpret work documents	
LMFSL2001A	Assemble lead light and stained glass components	
MEM05003B	Perform soft soldering	
MSAENV272B	Participate in environmentally sustainable work practices	
MSAPMOHS100A	Follow OHS procedures	
MSAPMOPS101A	Make measurements	
MSAPMSUP102A	Communicate in the workplace	
MSAPMSUP106A	Work in a team	
TLID307E	Handle dangerous goods/hazardous substances	

ELECTIVE UNITS

Select **nine (9)** units from Groups A, B and C as specified below.

Group A

Select a minimum of **one (1)** unit from Group A.

Unit code	Unit title	Prerequisites
LMFSL3001A	Apply product and material knowledge to production operations	
LMFSL3002A	Paint glass	
LMFSL3003A	Fire glass	
LMFSL3004A	Protect stained glass and lead lighting	
LMFSL3005A	Fabricate and install residential lead light and stained glass windows and doors	
LMFSL3006A	Prepare and install architectural engineered stained glass and lead lighting	
LMFGG3004B	Process thick glass by hand	

Group B

Select a maximum of **eight (8)** units from Groups B and C.

Unit code	Unit title	Prerequisites
LMFFM3033B	Construct jigs and fixtures	
LMFGG2004B	Process thin glass by hand	
LMFGG2007B	Process glass by basic machines	

Unit code	Unit title	Prerequisites
LMFGG3013B	Construct and repair leadlight and stained glass panels	
CUVCOR07B	Use drawing techniques to represent the object or idea	
LMFGG3001B	Store and handle glass	
LMFGG3007B	Form glass	
LMFGG3008B	Apply patterns and designs to glass	
LMFFM3011B	Produce manual and computer-aided production drawings	
LMFGN2002B	Move and store materials and products	
LMFGN3002B	Estimate and cost job	
CUVCOR08B	Produce drawings to represent and communicate the concept	
CUVVSP01B	Produce calligraphy	
CUVVSP14B	Apply techniques to produce drawings	
CUVVSP15B	Produce drawings	

Group C

Up to **seven (7)** relevant units may be chosen from units not already selected from Groups A and B, or units available in this Training Package or other endorsed Training Packages and accredited courses. Units must be aligned at Certificate II level (maximum 2 units), Certificate III level (maximum 7 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.