



Australian Government

MSFSL3002 Protect stained glass and leadlighting

Release: 1

MSFSL3002 Protect stained glass and leadlighting

Modification History

Release 1 - New unit of competency

Application

This unit of competency covers protecting stained glass and leadlighting for security, environmental and heritage purposes.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Competency Field

Unit Sector

Leadlight and Stained Glass

Elements and Performance Criteria

Elements describe the essential outcomes.		Performance criteria describe the performance needed to demonstrate achievement of the element.	
1	Identify protection requirements	1.1	Applicable work health and safety (WHS), legislative and organisational requirements relevant to leadlight and stained glass operations are verified and complied with
		1.2	The process for achieving protection of stained glass and leadlighting is identified
		1.3	Types and quantities of materials required for the protection of stained glass and leadlighting are identified from plans or work instructions
2	Prepare to protect stained glass and leadlighting	2.1	Work sequence is determined in a logical order to suit the job
		2.2	Tools, equipment and materials are selected and checked prior to use to ensure they are appropriate for the work, serviceable and in a safe condition
3	Install protection	3.1	Protection materials are cut, shaped and formed to ensure

		correct size and application
	3.2	Protection materials are installed or fitted
	3.3	Problems occurring during the operation are identified and rectified
4	Finalise the protection process	4.1 Protected glass is inspected for quality of work and repaired, as required 4.2 Waste and scrap material are removed for disposal or recycling, as required 4.3 Work area is cleaned and rubbish disposed of, as appropriate 4.4 Tools, equipment and unused materials are cleaned, removed and stored appropriately 4.5 Workplace records are maintained according to workplace procedures

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency. Detail on appropriate performance levels for each furnishing unit of competency in reading, writing, oral communication and numeracy utilising the Australian Core Skills Framework (ACSF) are provided in the Furnishing Training Package Implementation Guide.

Range of Conditions

Specifies different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included. Range is restricted to essential operating conditions and any other variables essential to the work environment.

- Unit context includes:**
- WHS requirements, including legislation, building codes, material safety management systems, hazardous and dangerous goods codes, and local safe operating procedures or equivalent
 - work is carried out in accordance with legislative obligations, environmental legislation, relevant health regulations, manual handling procedures and organisation insurance requirements

Protection includes:	• work requires individuals to demonstrate some discretion, judgement and problem solving • the requirement for security, protection from vandalism, protection for environmental reasons and protection for heritage reasons • use of protective films, wire barriers, synthetic (plastic) sheets, double glazing and other glass panelling • limitations due to aesthetic reasons
Materials include:	• protective film • wire meshing • synthetic (plastic) sheet • double glazed panels • armoured glass • materials required to apply or install these
Tools and equipment include:	• work benches • squeegees and holsters • cutting and glazing tools • electric and pneumatic portable power tools • saws • drills • portable compressors • general hand tools
Records include:	• the product type • size • inspection • inspection outcomes • quality outcomes • storage locations
Personal protective equipment includes:	• that prescribed under legislation, regulation and enterprise policies and practices: • gauntlets • gloves • safety glasses • hard hats • safety footwear • aprons and overalls
Information and procedures include:	• workplace procedures relating to the use of tools and equipment and personal protective equipment • work instructions, including job sheets, cutting lists, plans, drawings and designs • workplace procedures relating to reporting and communication

- manufacturer specifications and operational procedures

Unit Mapping Information

Supersedes and is equivalent to LMFSL3004B Protect stained glass and leadlighting.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>

Assessment Requirements for MSFSL3002 Protect stained glass and leadlighting

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Performance Evidence

- Interpret work order and locate and apply relevant information
- Apply safe handling requirements for equipment, products and materials, including use of personal protective equipment
- Identify materials used in the work process
- Follow work instructions, operating procedures and inspection processes to:
 - minimise the risk of injury to self or others
 - prevent damage to goods, equipment and products
 - maintain required production output and product quality
- Identify a range of protection methods, their properties, uses and limitations
- Determine the likely impact of various environmental effects on protected leadlight and stained glass
- Protect a stained glass and leadlight component on at least two (2) occasions to achieve required outcomes
- Comply with legislation, regulations, standards, codes of practice, and established safe practices and procedures protecting leadlight and stained glass
- Use mathematical ideas and techniques to correctly complete measurements, calculate area and estimate material requirements
- Communicate ideas and information to enable confirmation of work requirements and specifications and the reporting of work outcomes and problems, interpret basic plans and follow safety procedures
- Avoid backtracking, work flow interruptions or wastage
- Work with others and in a team by recognising dependencies and using cooperative approaches to optimise work flow and productivity

Knowledge Evidence

- State or territory WHS legislation, regulations, standards and codes of practice relevant to the full range of processes for leadlight and stained glass operations
- Leadlight and stained glass protection terminology and techniques
- Organisational and site standards, requirements, policies and procedures for the protection of leadlight and stained glass
- Types of glass and other materials used in the leadlight and stained glass industry, their characteristics, properties, uses and limitations
- Characteristics and properties of materials used in the protection of leadlight and stained glass

- Environmental protection requirements relating to the disposal of waste material
- Established communication channels and protocols
- Relevant problem identification and resolution
- Storage systems and labelling
- Procedures for the recording, reporting and maintenance of workplace records and information
- Appropriate mathematical procedures for estimation and measurement

Assessment Conditions

- Assessors must:
 - hold training and assessment competencies as determined by the National Skills Standards Council (NSSC) or its successors
 - have vocational competency in the furnishing industry at least to the level being assessed with broad industry knowledge and experience, usually combined with a relevant industry qualification
 - be familiar with the current skills and knowledge used and have relevant, current experience in the furnishing industry.
- Assessment methods must confirm consistency of performance over time rather than a single assessment event and in a range of workplace relevant contexts.
- Assessment must be by observation of relevant tasks with questioning on underpinning knowledge and, where applicable, multimedia evidence, supervisor's reports, projects and work samples.
- Assessment is to be conducted on single units of competency or in conjunction with other related units of competency. Foundation skills are integral to competent performance in the unit and should not be assessed separately.
- Assessment must occur on the job or in a workplace simulated facility with relevant process, equipment, materials, work instructions and deadlines.
- Access is required to materials, equipment and specifications relevant to protecting leadlight and stained glass.

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