



Australian Government

MSFDG5002 Remove heritage leadlight and stained glass

Release: 1

MSFDG5002 Remove heritage leadlight and stained glass

Modification History

Release 1. Supersedes and is equivalent to MSFSL5002 Remove heritage leadlight and stained glass.

Application

This unit describes the skills and knowledge required to review and use recognised conservation principles and practice to remove heritage leadlight and stained glass, and update condition reports on removed panels, including estimation of costs for required work.

This unit applies to individuals working with designed glass.

Licensing, legislative or certification requirements may apply to this unit and relevant state/territory and local government agencies should be consulted to determine any necessary certification or licensing for undertaking glass and glazing work. Access to construction sites requires certification of general induction training specified by the National Code of Practice for Induction for Construction Work (ASCC 2007).

Pre-requisite Unit

N/A

Unit Sector

Leadlight and Stained Glass

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Plan removal processes	1.1 Identify and follow work health and safety, legislative and organisational requirements 1.2 Establish, confirm and clarify purpose and required outcome of the removal with appropriate personnel 1.3 Determine location of the leadlight and stained glass panels to be removed and inspect for information relevant to the process 1.4 Review condition report and identify required removal sequence 1.5 Develop a removal work plan with approval of relevant people
2. Prepare for removal	2.1 Assemble, position tools and equipment and check prior to use to

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	ensure they are appropriate for the removal, serviceable and in a safe condition 2.2 Prepare and position supporting frames and storage materials 2.3 Assemble and position plans and other documents to allow for confirmation of the panel structure and placement 2.4 Take photographs of the panel before, during and after removal
3. Remove the panel	3.1 Secure supporting frames to the panel using established techniques 3.2 Remove and store panel structural supports in ways that protect the item 3.3 Identify structural panel damage and accurately document 3.4 Remove and place panel in the storage area or crated for transport
4. Finalise and report on the removal	4.1 Inspect removed panel for damage of all types 4.2 Remove, clean and store tools and equipment appropriately 4.3 Clean removal area and dispose of rubbish appropriately 4.4 Prepare and provide condition report that includes detailed photographic evidence with details of issues and recommendations regarding remedial work 4.5 Develop a work plan and cost estimate for all required further conservation work

Foundation Skills

The Foundation Skills describe those required skills (such as, language, literacy, numeracy and employment skills) that are essential to performance:

- technology skills to prepare reports using digital media.

Other foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Supersedes and is equivalent to MSFSL5002 Remove heritage leadlight and stained glass.

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 MSFDG5002 Remove heritage leadlight and stained glass

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Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and:

- submitted:
 - 1 removal work plan
 - 1 removal report
- removed and stored 4 installations:
 - 2 leadlight panels
 - 2 stained glass panels
- produced a photographic sequence for each panel that shows the removal process undertaken for each panel
- submitted 1 work plan for conservation requirements that includes an estimate of costs for all conservation work.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- state or territory work health and safety legislation, regulations, standards and codes of practice relevant to the full range of processes for leadlight and stained glass operations
- organisational and site standards, requirements, policies and procedures for the removal of heritage leadlight and stained glass panels
- mathematical procedures for estimation and measurement
- principles and guidelines of the Australia International Council on Monuments and Sites (ICOMOS) Burra Charter
- framing, structural and construction techniques relevant to leadlight and stained glass panels
- panel removal methodologies, including engineering aspects of supporting leadlight and stained glass panels during the removal process
- leadlight and stained glass panels construction and repair terminology and techniques
- types of plans and other documentation used to inform leadlight and stained glass work
- types of glass and other materials historically used in the leadlight and stained glass industry, their characteristics, properties, uses and limitations

- types, use and safe operation of tools and equipment used in leadlight and stained glass industry
- heritage requirements specific to leadlight and stained glass
- problem identification and resolution for heritage leadlight and stained glass
- storage systems and labelling for stained glass and leadlight panels
- features and inclusions of removal reports
- professions and trades working alongside or in conjunction with leadlight and stained glass conservation.
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Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - stained glass installations for removal
 - stained glass and leadlighting tools, equipment and materials
 - photographic equipment.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

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