



Australian Government

MSFDG5001 Assess conservation requirements

Release: 1

MSFDG5001 Assess conservation requirements

Modification History

Release 1. Supersedes and is equivalent to MSFSL5001 Assess conservation requirements.

Application

This unit describes the skills and knowledge required to assess conservation requirements through the research and application of recognised conservation principles and practices. It includes the ability to prepare comprehensive reports on assessment requirements, 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 conservation assessment	1.1 Identify and follow work health and safety, legislative and organisational requirements 1.2 Establish, confirm and clarify purpose of the assessment with appropriate personnel 1.3 Determine and inspect location of the leadlight and stained glass panels to be assessed for information relevant to the process 1.4 Research leadlighting and stained glass conservation procedures applicable to the job for approval with relevant people
2. Prepare for the	2.1 Assemble, position and check tools and equipment 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>
assessment	ensure they are appropriate for the assessment, serviceable and in a safe condition 2.2 Assemble plans and other documents that show industry standards and historical data, and position to allow for confirmation of the panel structure and placement 2.3 Take photographs of the panel for documentation of condition and for later reference
3. Assess the panel	3.1 Inspect glass features, faults and treatments and document accurately 3.2 Investigate and accurately document structural faults, problems and other materials 3.3 Assess and accurately document impacts of environmental factors
4. Finalise and report on the assessment	4.1 Remove, clean and store tools and equipment appropriately 4.2 Clean assessment area and dispose of rubbish appropriately 4.3 Determine and confirm conservation requirements resulting from the assessment with appropriate personnel 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 conservation work

Foundation Skills

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

- technology skills to research information and 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 MSFSL5001 Assess conservation requirements.

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 MSFDG5001 Assess conservation requirements

Modification History

Not applicable.

Performance Evidence

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

- submitted a completed condition report for 4 installations:
 - 2 leadlight panels
 - 2 stained glass panels
- produced a photographic sequence for each panel that shows the range of conservation issues 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 assessment of leadlight and stained glass panels
- mathematical procedures for estimation and measurement
- heritage legislation as it applies to leadlight and stained glass panels
- historical leadlight and stained glass panel construction methods
- framing, structural and construction techniques relevant to leadlight and stained glass panels
- leadlight and stained glass panels construction and repair terminology and techniques
- principles and guidelines of the Australia International Council on Monuments and Sites (ICOMOS) Burra Charter
- types of plans and other documentation used to inform conservation assessment
- 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
- types of potential issues with leadlight and stained glass panels:
 - glass faults
 - structural faults

- environmental impacts
- statutory requirements specific to leadlight and stained glass
- differences between preservation, restoration and re-construction
- problem identification and resolution in the heritage leadlight and stained glass environment
- features and inclusion of condition 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 and leadlight installations for assessment
 - 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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