



Australian Government

MSFDG5003 Conserve heritage leadlight and stained glass

Release: 1

MSFDG5003 Conserve heritage leadlight and stained glass

Modification History

Release 1. Supersedes and is equivalent to MSFSL5003 Conserve heritage leadlight and stained glass.

Application

This unit describes the skills and knowledge required to review and use recognised conservation principles and practice to conserve heritage leadlight and stained glass through preservation, restoration or reconstruction under the principles determined by the Australia International Council on Monuments and Sites (ICOMOS) Burra Charter. It includes the requirement to update condition reports on the conserved panel.

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 processes	1.1 Identify and follow work health and safety, legislative and organisational requirements 1.2 Conduct detailed inspections of the heritage leadlight and stained glass based on existing condition reports and verify conservation requirements 1.3 Identify, confirm and clarify conservation requirements with appropriate personnel 1.4 Identify conservation sequence and develop a work plan with

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	approval of relevant people
2. Prepare for the conservation process	2.1 Position and check tools and equipment prior to use to ensure they are appropriate for the task, serviceable and in a safe condition 2.2 Position plans and other documents to allow for confirmation of the panel structure 2.3 Make outline rubbings to confirm design during the process 2.4 Take photographs of the panel before during and after the inspection for later reference
3. Conduct the conservation process	3.1 Complete conservation cleaning on relevant components in consultation with relevant personnel and specialist technical experts 3.2 Confirm decisions on conservation methods in consultation with relevant people 3.3 Select and prepare replacement materials using established techniques 3.4 Conduct measurements and tests to confirm conservation plan 3.5 Assemble panel and check against original data.
4. Finalise and report on the conservation process	4.1 Inspect conserved leadlight and stained glass panel for quality of work 4.2 Take photographs of the completed conservation prior to packaging and transportation 4.3 Remove, clean and store tools and equipment appropriately 4.4 Clean conservation area and dispose of rubbish in accordance with environmental requirements 4.5 Package and store panel prior to movement and installation 4.6 Prepare and provide required conservation reports to relevant people.

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 MSFSL5003 Conserve 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 MSFDG5003 Conserve 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 conservation work plan
 - 1 conservation report
- conserved 4 installations:
 - 2 leadlight panels
 - 2 stained glass panels
- produced a photographic sequence for each panel that shows the conservation process.
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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
- principles of the Australia International Council on Monuments and Sites (ICOMOS) Burra Charter
- types of plans and other documentation used to inform conservation work
- leadlight and stained glass panels construction and repair terminology and techniques
- 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
- preservation, restoration or reconstruction techniques and when to use them
- statutory requirements specific to leadlight and stained glass
- problem identification and resolution in conservation of heritage leadlight and stained glass
- storage systems and labelling for stained glass and leadlight panels
- features and inclusions of conservation 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 conservation
 - 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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