



Australian Government

MSFDG5004 Install heritage leadlight and stained glass

Release: 1

MSFDG5004 Install heritage leadlight and stained glass

Modification History

Release 1. Supersedes and is equivalent to MSFSL5004 Install heritage leadlight and stained glass.

Application

This unit describes the skills and knowledge required to review and use recognised installation principles and practice to install heritage leadlight and stained glass following their conservation.

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 installation requirements	1.1 Identify and follow work health and safety, legislative and organisational requirements 1.2 Establish, confirm and clarify location of the leadlight and stained glass panel to be installed with appropriate personnel 1.3 Identify removal and reinstallation sequence and develop a work plan with approval of relevant people
2. Prepare for installation	2.1 Position and check tools and equipment prior to use to ensure they are appropriate for the installation, serviceable and in a safe condition 2.2 Conduct inspection of the opening where the panel is to be

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	installed 2.3 Inspect leadlight and stained glass panel to ensure its integrity prior to installation 2.4 Position plans and other documents to allow for confirmation of the panel structure and placement 2.5 Take photographs before installation of the panel for inclusion in reference report
3. Install the panel	3.1 Install panel in position in accordance with design 3.2 Install and check panel structural supports for integrity 3.3 Safely remove supporting frames from the panel 3.4 Identify and accurately document structural integrity 3.5 Take photographs of process during and after installation for later reference
4. Finalise and report on the installation	4.1 Inspect integrity of installed panel after installation 4.2 Remove, clean and store tools and equipment in accordance with workplace procedures 4.3 Clean removal area and dispose of rubbish 4.4 Prepare required installation report and provide to relevant people in accordance with job requirements

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 MSFSL5004 Install 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 MSFDG5004 Install 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 installation work plan
 - 1 installation report
- completed 4 installations:
 - 2 leadlight panels
 - 2 stained glass panels
- produced a photographic sequence for each panel that shows the installation 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 installation of heritage leadlight and stained glass panels
- mathematical procedures for estimation and measurement
- leadlight and stained glass panels construction and repair terminology and techniques
- principles of the Australia International Council on Monuments and Sites (ICOMOS) Burra Charter
- 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
- installation methodologies, including engineering aspects of supporting leadlight and stained glass panels during the installation process
- problem identification and resolution for heritage leadlight and stained glass
- storage systems and labelling for stained glass and leadlight panels
- professions and trades working alongside or in conjunction with leadlight and stained glass conservation
- formats for documenting plans and reports.

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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 sites for installations
 - stained glass and leadlighting tools, equipment and materials, including photographic devices required for Performance Evidence.

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

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