



Australian Government

MSFDG3004 Assemble copper foil glass components

Release: 1

MSFDG3004 Assemble copper foil glass components

Modification History

Release 1. Supersedes and is equivalent to MSFSL3006 Assemble copper foil glass components.

Application

This unit describes the skills and knowledge required to assemble copper foil components using a range of fixing and joining components.

This unit applies to individuals working with designed glass.

No licensing or certification requirements exist at the time of publication. Relevant legislation, industry standards and codes of practice within Australia must be applied.

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. Determine job requirements	1.1 Identify and follow work health and safety requirements and other workplace procedures. 1.2 Use personal protective equipment in accordance with workplace procedures 1.3 Identify job requirements from specifications, drawings, designs, job sheets or work instructions
2. Plan and prepare for work	2.1 Select and service tools and equipment, and identify rectify or report any faults prior to commencement 2.2 Identify and obtain materials appropriate to the work application ensuring they are prepared, safely handled and located ready for use 2.3 Identify and apply environmental workplace considerations and measures to reduce noise, dust and obstacles

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	2.4 Plan assembly sequence based on job requirements 2.5 Select fixing and joining devices in accordance with types of materials to be joined and job requirements 2.6 Select and check jigs for suitability for the work
3. Assemble components	3.1 Lay out and assemble components using jigs and appropriate fastenings 3.2 Use hand and power tools correctly in accordance with job requirements 3.3 Check assembled work for compliance with specifications 3.4 Prepare, assemble and fit components in accordance with specifications 3.5 Repair or tag work which does not meet quality specifications for further processing, recycling, or disposal in accordance with workplace procedures 3.6 Organise and store finished products in suitable holding area
4. Check work area and maintain equipment	4.1 Tag and report faulty and/or defective equipment in accordance with workplace procedures 4.2 Identify and store items for recycling in accordance with workplace procedures 4.3 Clean work area and safely dispose of rubbish 4.4 Check, clean and store tools and equipment in accordance with workplace procedures

Foundation Skills

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

Unit Mapping Information

Supersedes and is equivalent to MSFSL3006 Assemble copper foil glass components.

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 MSFDG3004 Assemble copper foil glass components

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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:

- assembled copper foil components for:
 - 1 panel or door insert
 - 1 three-dimensional object
- repaired and reinforced 1 copper foil component.
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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 assembling copper foil components
- organisational and site standards, requirements, policies and procedures for component assembly
- environmental protection requirements relating to the disposal of waste material
- problem identification and resolution relating to copper foil glass assembly
- types of tools and equipment and procedures for their safe use, operation and maintenance
- characteristics of copper foil components and materials used in assembly
- procedures for recording, reporting and maintenance of workplace records and information.
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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:
 - copper foil and glass for assembly
 - tools and equipment to complete tasks in the Performance Evidence
 - workplace procedures.

Links

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