



Australian Government

MSFDG3003 Paint and fire glass

Release: 1

MSFDG3003 Paint and fire glass

Modification History

Release 1. Supersedes and is equivalent to MSFSL3005 Paint and fire glass.

Application

This unit describes the skills and knowledge required to apply patterns and/or designs to glass with vitreous paints to achieve specific outcomes through the firing of glass.

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. Identify painting and firing requirements	1.1 Identify and follow work health and safety, legislative and workplace procedures 1.2 Identify types and quantities of patterns, designs and materials required from plans or work instructions 1.3 Identify the processes for painting patterns and designs onto glass and achieving specific outcomes through the firing of glass
2. Prepare to paint and fire glass	2.1 Determine painting sequence in a logical order to suit the job 2.2 Select and check tools, equipment and materials for suitability, serviceability and safety prior to use 2.3 Check patterns and design templates against specifications or job order 2.4 Match paint colours against the plan or work order and prepare glass for painting

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
3. Apply vitreous paint	3.1 Apply paint to the glass surface in accordance with the pattern or design template 3.2 Identify and rectify any problems occurring during the painting operation
4. Conduct firing operations	4.1 Determine firing sequence in a logical order to suit the job 4.2 Check kiln prior to use to ensure it is appropriate for the firing, serviceable and in a safe condition 4.3 Identify and check kiln components and controls, including emergency stops and guards, for correct operation 4.4 Prepare glass for firing and operate, adjust and monitor kiln equipment to ensure correct product quality and output 4.5 Identify and rectify any problems occurring during the firing operation
5. Finalise the work	5.1 Inspect painted and fired glass for quality of work and repair or discard in accordance with workplace procedures 5.2 Clean and store tools, equipment and materials in accordance with workplace procedures 5.3 Clean work area is cleaned and leave in a safe condition and dispose of waste or recycle in accordance with workplace protocols 5.4 Accurately complete required workplace documentation

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 MSFSL3005 Paint and fire glass.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>

