



Australian Government

MSFDG3006 Process coloured and textured glass by hand

Release: 1

MSFDG3006 Process coloured and textured glass by hand

Modification History

Release 1. Supersedes and is equivalent to MSFSL3008 Process coloured and textured glass by hand.

Application

This unit describes the skills and knowledge required to cut, shape and apply finishing techniques to annealed, coloured and textured glass of manufactured thickness.

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 Read work documentation and identify job requirements 1.2 Identify and follow work health and safety requirements 1.3 Select and check tools, equipment and materials for suitability, serviceability and safety prior to use 1.4 Plan sequence of work to ensure processing is conducted in a logical order
2. Plan and prepare for work	2.1 Select glass cutting table and clear work surface of debris and dust 2.2 Clear work area of obstructions and potential hazards with cullet bins 2.3 Check glass for imperfections and damage prior to handling 2.4 Safely place glass to be cut in the required work area using correct manual handling procedures

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	2.5 Accurately measure glass within specified tolerances accurately to minimise waste 2.6 Set and test equipment settings and safety controls in accordance with workplace procedures
3. Process glass	3.1 Achieve required quality and output through correct operating and monitoring of tools and equipment in accordance with manufacturer instructions 3.2 Make routine lubrication and adjustments of tools and/or equipment in accordance with manufacturer recommendations 3.3 Identify and report problems occurring during work operations to appropriate personnel in accordance with workplace procedures 3.4 Inspect completed product for quality of work and repair, reprocess or discard in accordance with workplace procedures
4. Complete work	4.1 Label and store processed glass ensuring there are no projections in accordance with workplace procedures 4.2 Remove scraps and off-cuts for disposal and/or recycling in accordance with environmental or workplace procedures 4.3 Remove and store tools, equipment and unused materials in accordance with workplace procedures 4.4 Clean work area, safely dispose of rubbish and identify items for recycling in accordance with workplace procedures 4.5 Accurately complete workplace documentation 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 MSFSL3008 Process coloured and textured glass by hand.

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 MSFDG3006 Process coloured and textured glass by hand

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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:

- completed all of the following in annealed coloured, opaque and textured glass by hand:
 - straight cuts
 - simple shapes
 - truncated and radius corners
 - circles
 - complex shapes.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- safe work practices and procedures and use of personal protective equipment (PPE)
- qualities and characteristics of coloured and textured glass, including hazards and handling requirements
- correct identification and use of glass cutting equipment, their functions and procedures for use
- set-up and operation of glass cutting equipment, including procedures for reporting product defects or equipment faults
- work flow requirements related to glass cutting
- environmental protection requirements relating to the disposal of waste material
- established communication channels and protocols.
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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:
 - equipment, tools and materials required to complete tasks specified in the Performance Evidence
 - glass product to be cut

- safety and personal protective equipment
- work orders
- workplace procedures.

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

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