



Australian Government

MSFPF2013 Cut and handle glazing materials for framing

Release: 1

MSFPPF2013 Cut and handle glazing materials for framing

Modification History

Release 1. Supersedes and is equivalent to MSFPPF2006 Cut and handle glazing materials for framing.

Application

This unit describes the skills and knowledge required to cut and handle glazing materials, including acrylic sheet, for picture and mirror frames.

This unit applies to picture framers cutting glazing materials in accordance with pre-determined frame designs.

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

Picture Framing

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. Prepare for work	1.1 Read work order and identify glazing requirements 1.2 Identify and follow work health safety requirements throughout the work 1.3 Select and check tools and equipment for quality, serviceability and safety prior to use 1.4 Locate required glazing material and check for imperfections and damage prior to handling 1.5 Handle glazing material in accordance with safety requirements and any labelling instructions 1.6 Select and clear work area of obstructions and potential hazards 1.7 Plan sequence of work to ensure cutting is conducted in a logical order

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. Cut glazing materials	2.1 Accurately measure glazing material to minimise waste and ensure specified tolerances in accordance with workplace standards 2.2 Achieve required product quality and output through correct operation and monitoring of glazing equipment and tools 2.3 Complete routine machine lubrication and adjustments in accordance with manufacturer instructions 2.4 Identify and report problems occurring during work operations to appropriate persons 2.5 Inspect completed work for compliance with quality and work order requirements and rectify any deficiencies
3. Complete work	3.1 Mark completed work for identification and store in accordance with workplace procedures 3.2 Identify and store items for recycling in accordance with workplace procedures 3.3 Clean work area and safely dispose of rubbish 3.4 Accurately complete required workplace documentation 3.5 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 MSFPF2006 Cut and handle glazing materials for framing.

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 MSFPF2013 Cut and handle glazing materials for framing

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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:

- set up, prepared for and cut glazing materials:
 - cut 3 pieces of glass of varying size to within 0.5 mm tolerance (including at least 1 piece of conservation grade glass)
 - cut 3 pieces of acrylic of varying size to within 0.5 mm tolerance
 - cut 2 pieces of oval glass of varying size to within 1.5 mm tolerance
- safely used the following tools and equipment:
 - saws
 - scoring tools
 - speed cutters
 - tungsten wheel glass cutters
 - wall-mounted glass cutters.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- work flow process for the cutting of glazing materials
- safety considerations and requirements for handling and cutting glazing materials, including personal protective equipment
- potential variations in work order requirements for glazing in relation to glass:
 - type
 - thickness
 - colour
- qualities and characteristics of glazing materials, including the hazards and handling requirements for:
 - float glass
 - conservation and museum glass
 - specialty glass
 - anti-reflective and non- reflective glass
 - sheet acrylic

- conservation acrylic
- mirrors
- mathematical procedures for estimation and measurement
- functions, features and safe use of cutting tools and equipment, including specific workplace procedures, manufacturer specifications and defect reporting procedures for:
 - flat felt-covered cutting tables
 - lubricants
 - marking pens or chinagraph pencils
 - saws
 - scoring tools
 - speed cutters
 - T-squares or L-squares
 - tape measures
 - templates
 - tungsten wheel glass cutters
 - wall-mounted glass cutters
- techniques for cutting glazing materials, the types of problems that can occur, and how to respond
- documentation requirements for identifying and recording work.
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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:
 - workspace equipped with:
 - cutting table, tools and equipment as specified in Performance Evidence
 - personal protective equipment
 - glazing materials
 - work orders.

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

Links

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