



Australian Government

MSFPPF2002 Cut mouldings to length

Release: 1

MSFPF2002 Cut mouldings to length

Modification History

Release 1 - New unit of competency

Application

This unit of competency covers cutting frame mouldings to the required length with guillotines, saws or other equipment.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Competency Field

Unit Sector

Picture Framing

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

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|---|------------------|-----|--|
| 1 | Prepare for work | 1.1 | Patterns, work instructions and/or plans are read and interpreted |
| | | 1.2 | Work health safety (WHS) requirements, including personal protection needs, are observed throughout the work |
| | | 1.3 | The process for obtaining materials/components and moving completed work to the next process is identified |
| | | 1.4 | Tools, equipment and materials are selected and checked prior to use to ensure that they are appropriate for the work in terms of quality, serviceability and safety |
| | | 1.5 | Cutting equipment components and controls, including emergency stops and guards, are identified |
| | | 1.6 | Work sequence is planned to suit the job |

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|---|---------------------------|-----|---|
| 2 | Conduct cutting operation | 2.1 | Equipment is operated and monitored to ensure correct cut quality, output and that wastage is within allowable limits |
| | | 2.2 | Problems occurring during work operations are identified and reported to appropriate persons |
| | | 2.3 | Authorised changes in working procedures are followed |
| | | 2.4 | Routine lubrication and adjustments for the equipment are completed |
| | | 2.5 | Items which do not meet quality requirements are repaired or discarded |
| | | 2.6 | Finished work is inspected for compliance with work order, workplace requirements and finish |
| 3 | Complete work | 3.1 | Scraps and off-cuts are removed for disposal/recycling as required by workplace procedures |
| | | 3.2 | Work area is cleaned and rubbish disposed of as appropriate |
| | | 3.3 | Workplace documentation is completed as required |
| | | 3.4 | Tools, equipment and unused materials are cleaned and stored following workplace procedures |

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency. Detail on appropriate performance levels for each furnishing unit of competency in reading, writing, oral communication and numeracy utilising the Australian Core Skills Framework (ACSF) are provided in the Furnishing Training Package Implementation Guide.

Range of Conditions

Specifies different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included. Range is restricted to essential operating conditions and any other variables essential to the work environment.

- Unit context includes:**
- WHS requirements, including legislation, building codes, material safety management systems, hazardous and dangerous goods codes, and local safe operating procedures

	or equivalent
	• work is carried out in accordance with legislative obligations, environmental legislation, relevant health regulations, manual handling procedures and organisation insurance requirements • work requires individuals to demonstrate some discretion, judgement and problem solving
Patterns and work instructions include:	• type of moulding to be cut • pattern or plan to be followed • process required to complete work tasks • number of items to be cut and holding area for completed items • equipment settings for the materials that are being cut • required cutting fluids
Framing includes:	• original artwork • reproductions • photographs • documents • three-dimensional items
Cut mouldings includes:	• the set up, operation, adjustment and monitoring of equipment used to cut picture frame mouldings
Mouldings include:	• solid timber • composites • synthetics • metal and alloy extrusion
Machines include:	• guillotines • static mounted circular saws • drop saws • docking saws • mitre saws
Personal protective equipment includes:	• that prescribed under legislation, regulations and enterprise policies: • gloves • safety glasses • gauntlets • footwear • earmuffs • aprons and overalls
Information and procedures include:	• workplace procedures relating to the use of tools and equipment • work instructions, including job sheets, cutting lists, plans, drawings and designs

- workplace procedures relating to reporting and communication
- manufacturer specifications and operational procedures

Unit Mapping Information

Supersedes and is equivalent to LMFPF2002B Cut mouldings to length.

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 MSFPF2002 Cut mouldings to length

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Performance Evidence

- Interpret work order and locate and apply relevant information
- Apply safe handling requirements for equipment, products and materials, including use of personal protective equipment
- Identify materials used in the work process
- Follow work instructions, operating procedures and inspection processes to:
 - minimise the risk of injury to self or others
 - prevent damage to goods, equipment and products
 - maintain required production output and product quality
- Cut mouldings for a picture frame (up to 100 mm wide) of each of the following materials:
 - timber (multi-angle and 45 degrees)
 - aluminium (45 degrees)
 - synthetic (45 degrees)
- Use mathematical ideas and techniques to correctly complete measurements, calculate area and estimate material requirements
- Communicate ideas and information to enable confirmation of work requirements and specifications and the reporting of work outcomes and problems, interpret basic plans and follow safety procedures
- Avoid backtracking, work flow interruptions or wastage
- Work with others and in a team by recognising dependencies and using cooperative approaches to optimise work flow and productivity

Knowledge Evidence

- Type, characteristics, uses and limitations of moulding materials
- Types, characteristics and applications of cutting machines and devices
- Types, uses and operation of tools
- Techniques for cutting frame mouldings
- Workplace safety system requirements related to cutting frame mouldings
- Work flow in relation to cutting frame mouldings

Assessment Conditions

- Assessors must:

- hold training and assessment competencies as determined by the National Skills Standards Council (NSSC) or its successors
- have vocational competency in the furnishing industry at least to the level being assessed with broad industry knowledge and experience, usually combined with a relevant industry qualification
- be familiar with the current skills and knowledge used and have relevant, current experience in the furnishing industry.
- Assessment methods must confirm consistency of performance over time rather than a single assessment event and in a range of workplace relevant contexts.
- Assessment must be by observation of relevant tasks with questioning on underpinning knowledge and, where applicable, multimedia evidence, supervisor's reports, projects and work samples.
- Assessment is to be conducted on single units of competency or in conjunction with other related units of competency. Foundation skills are integral to competent performance in the unit and should not be assessed separately.
- Assessment must occur on the job or in a workplace simulated facility with relevant process, equipment, materials, work instructions and deadlines.
- Access is required to guillotines, static mounted circular saws, docking saws and mitre saws fitted with appropriate blades, standard operating procedures and unprocessed materials.

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