



Australian Government

MSFPF2003 Join mouldings

Release: 1

MSFPF2003 Join mouldings

Modification History

Release 1 - New unit of competency

Application

This unit of competency covers joining mouldings to form artwork frames.

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 relevant to the operation of joining mouldings, 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 | Required components, attachments, tools and equipment are identified |
| | | 1.5 | Work sequence is planned to suit the job |
| 2 | Prepare for frame assembly | 2.1 | Components of the frame are selected and checked against work instructions for size, number, pattern and finish profile |
| | | 2.2 | Fixing and joining devices are selected in accordance with |

- work instructions and type of moulding to be joined
- 2.3 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
 - 2.4 Shortages/defective items are notified in accordance with workplace practices
- 3 Assemble frame
- 3.1 Components are laid out and joined using a jig (if required) and appropriate fastenings
 - 3.2 Assembled frame is checked for alignment, pattern matching (if appropriate), correct number and fitting of fasteners and other attachments and conformity to work instruction and quality requirements
 - 3.3 Corners are finished in accordance with workplace requirements
 - 3.4 Joined frames are stored according to workplace requirements
- 4 Complete work
- 4.1 Completed frames are inspected for quality, with those not meeting specification being repaired or tagged for further processing or recycling/disposal
 - 4.2 Tools, equipment and unused materials are cleaned and stored following workplace procedures
 - 4.3 Equipment faults are identified, tagged and reported to appropriate personnel
 - 4.4 Work area is cleaned and rubbish disposed of as appropriate
 - 4.5 Workplace documentation is completed as required

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.

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|--|--|
| Unit context includes: | <ul style="list-style-type: none">• 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: | <ul style="list-style-type: none">• the size of the frames• types of attachments to be used• required materials and tools• quality requirements for the frames• the assembly steps and sequence |
| Tools and equipment include: | <ul style="list-style-type: none">• underpinners (pneumatic or power V-nailer)• V-nails• drill• nail punch• screwdrivers• touch-up material• glues and finishing tools• files• sandpaper• jigs |
| Moulding materials include: | <ul style="list-style-type: none">• solid timber• composites• metal and alloy extrusion• synthetics• filler• putties• touch-up pens• paints/stains |
| Personal protective equipment includes: | <ul style="list-style-type: none">• that prescribed under legislation, regulations and enterprise policies:<ul style="list-style-type: none">• gloves |

Information and procedures include:

- safety glasses
- gauntlets
- footwear
- earmuffs
- aprons and overalls
- 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 LMFPF2003B Join mouldings.

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 MSFPF2003 Join mouldings

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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
- Join each of the following frames (at least one of them being a multi-angle frame) up to a width of 100 mm:
 - synthetic
 - timber
 - aluminium
 - and each in the following profiles:
 - flat
 - traditional
 - reverse
- 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
- Workplace safety system requirements related to joining picture frame mouldings
- Work flow in relation to frame production
- Operation of tools and equipment used in the assembly process
- Identification of equipment, processes and procedures

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 timber, metal or synthetic mouldings, frame components, consumables and workplace procedures.

Links

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