



Australian Government

MSFFP2005 Join furnishing materials

Release: 1

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Modification History

Release 1. New unit

Application

This unit covers the competency required to join furnishing materials using a variety of joining techniques.

It is designed for use in a pre-employment skills introduction program and is suitable for use in institutional-based vocational programs. Skills development will take place under direct supervision.

This unit is not to be used in a traineeship or apprenticeship training program or associated qualifications. It is only to be used in pre-employment programs and carries no credit towards apprenticeship/trade and other qualification types in manufacturing and furnishings.

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

Pre-requisite Unit

Nil

Competency Field

Unit Sector

Furniture Making Pathways

Elements and Performance Criteria

Elements describe the essential outcomes.

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

1	Determine job requirements	1.1	Identify job requirements, including process, materials, finish and quantity, from specifications, drawings, designs, project sheets or work instructions
		1.2	Identify the workplace, health and safety (WHS) practices and procedures to be used

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| 2 | Plan and prepare for work | 2.1 | Develop a work plan to logically sequence each stage |
| | | 2.2 | Determine the procedures for checking quality at each stage of the process |
| | | 2.3 | Select a suitable work area for the task |
| | | 2.4 | Identify and check tools and equipment for the application for safe and effective operation |
| | | | |
| 3 | Lay out and prepare materials | 3.1 | Select and check materials for defects following work instructions |
| | | 3.2 | Select and prepare suitable joining processes and methods |
| | | 3.3 | Prepare and lay out materials for joining |
| | | | |
| 4 | Join materials | 4.1 | Comply with work, health and safety (WHS) requirements at all times |
| | | 4.2 | Use appropriate personal protective equipment (PPE) in accordance with procedures |
| | | 4.3 | Measure, mark and cut to size materials in accordance with requirements |
| | | 4.4 | Apply adhesives according to work procedures and/or manufacturer instructions |
| | | 4.5 | Join materials and complete final trim and finishing to specifications |
| | | 4.6 | Check work against quality requirements |
| | | | |
| 5 | Check work area and maintain equipment | 5.1 | Clean equipment and inspect for serviceable condition and store and report faulty and/or defective equipment in accordance with procedures |
| | | 5.2 | Store or dispose of materials according to procedures |
| | | 5.3 | Clean and maintain work area |

Foundation Skills

This section describes those required skills (reading, writing, oral communication and numeracy) that are essential to workplace performance in this unit of competency.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

This field allows for 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.

PPE includes one (1) or more of the following:

- safety glasses
- face and head protection
- protective footwear
- protective clothing
- respiratory protection
- ear protection
- gloves

Joining methods include two (2) or more of the following:

- butt
- dowel
- biscuit joint
- domino
- matched joint
- rebate joint

Machinery includes one (1) or more of the following:

- docking saw
- rip saw
- sanders
- vertical and horizontal drills
- biscuit machine
- domino machine

Tools and equipment include one (1) or more of the following:

- measuring tapes and rulers
- hammers
- mallets
- squares
- bevels
- chisels
- planes

- hand saws
- power drills
- biscuit machine
- domino machine
- dowel jigs
- clamps and cramps
- abrasives
- cleaning materials

Materials include two (2) or more of the following:

- timber softwoods and hardwoods
- composites
- plastic
- adhesives

Unit Mapping Information

New unit

Links

Companion Volume implementation guides are found in VETNet -

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