



Australian Government

MSFFP2012 Join furnishing materials

Release: 1

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Modification History

Release 1. Changes to code, application, elements, performance criteria, assessment requirements. Foundation skills added. Range of conditions removed. Assessment requirements changed.

Application

This unit describes the skills and knowledge required to join timber and other furnishing materials, including the construction of simple timber joints.

Learners with this competency have basic skills to support further study or entry-level work in furnishing and furniture making industries. This unit is usually delivered within a pre-employment training program. Work is carried out under supervision.

No licensing or certification requirements exist at the time of publication. Relevant legislation, industry standards and codes of practice within Australia must be applied.

Competency Field

Furniture making pathways

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Prepare for task	1.1 Identify task requirements, including type of joining and quality requirements, from supervisor instructions 1.2 Identify and follow work health and safety procedures 1.3 Select tools and equipment to meet task requirements and check that they are safe and functional 1.4 Check that materials meet task quality requirements
2. Join materials	2.1 Lay out materials for joining to maximise efficiency of joining process 2.2 Measure and mark out of cutting and joining lines in accordance with task requirements 2.4 Join materials using hand and power tools 2.5 Select and use fasteners, adhesives and appropriate clamping systems to meet task requirements

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
	2.6 Check finished joint against quality requirements
3. Clean work area	3.1 Clean and store tools in accordance with procedures 3.2 Safely dispose of waste in accordance with procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

- Oral communication skills to participate in simple spoken exchanges with supervisor
- Numeracy skills to measure and make simple calculations.

Other foundation skills essential to performance are explicit in the performance criteria of this unit.

Unit Mapping Information

Release 1. Redesigned unit – merges, supersedes and is not equivalent to MSFFP2005 Join furnishing materials and MSFFP2006 Make simple timber joints.

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 MSFFP2012 Join furnishing materials

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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 demonstrated the ability to:

- make 2 different timber joints:
 - 1 using hardwood
 - 1 using softwood.
- join 1 composite or plastic product.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- safe work practices and procedures for joining furnishing materials
- types of simple timber joints and typical uses, including at least 3 of the following:
 - butt joint
 - dowel
 - domino
 - biscuit joint
 - mitre
 - matched
 - rebate
- hand tools and equipment commonly used for joining furnishing materials
- personal protective equipment (PPE) required when joining furnishing materials
- furnishing materials and their response to common joining methods:
 - composite and plastic materials
 - hardwood
 - softwood
- quality requirements for joints:
 - visual appearance
 - tolerance
 - gaps or play in joints and strength
- standard applications for adhesive types, including:

- dispersion
- reaction
- hot melt
- contact
- fastening methods.

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:
 - timber and composite or plastic materials for joining required for performance evidence
 - hand tools
 - PPE
 - adhesives and fastening devices
 - workplace procedures.

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

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