



Australian Government

MSFFP2014 Use basic finishing techniques on timber surfaces

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 perform basic furniture finishing tasks on timber furniture items such as tables, chairs and stools. It includes preparation and hand or spray coating of surfaces using a limited range of tools, equipment and finishing techniques. 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.

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. Plan and prepare for task	1.1 Identify task requirements from work documentation and instructions 1.2 Identify quality requirements in accordance with workplace practices 1.3 Observe work health and safety requirements, including personal protection and safe handling requirements 1.4 Select tools and equipment to meet task requirements, check they are safe and functional, and report any faults to supervisor 1.5 Check that furniture item and materials meet task requirements, including quality requirements
2. Prepare surface and materials for finishing process	2.1 Check that surfaces are free of contamination and are ready for finishing process according to workplace procedures and industry standards 2.2 Identify products with surface or other faults and report and repair

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
	according to workplace procedures and industry standards 2.3 Prepare materials for surface finishing in readiness for application
3. Prepare surface	3.1 Apply stain to timber surfaces in accordance with manufacturer specifications and workplace procedures and standards 3.2 Seal stained surface with polish using mop brush, blender or swooge 3.3 Lightly sand sealed surface to make smooth 3.4 Apply wood filler or sanding sealer in accordance with manufacturer specifications and workplace procedures 3.5 Seal filled-in surface with oil varnish in accordance with manufacturer specifications and workplace procedures and standards 3.6 Lightly sand sealed surface to make smooth
4. Apply finishing material	4.1 Apply finishing material in accordance with manufacturer specifications until required build is achieved 4.2 Cut back finishing material to remove surface defects or foreign material in accordance with workplace procedures and standards 4.3 Burnish surface with fine steel wool and lubricating oil to achieve even sheen
5. Clean up work area	5.1 Check, clear and store equipment and any unused materials in accordance with workplace procedures 5.2 Clean work area and safely dispose of waste including wood filler and lubricating oil rags, showing regard for spontaneous combustion risks, in accordance with workplace procedures and environmental standards 5.3 Complete required workplace records

Foundation Skills

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

- Reading skills to interpret familiar documentation and follow basic safety procedures
- Oral communication skills to seek feedback and guidance from supervisor
- Numeracy skills to measure and calculate area and estimate material requirements.

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

Unit Mapping Information

Release 1. Supersedes and is equivalent to MSFFF1001 Complete a basic furniture finishing project.

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 MSFFP2014 Use basic finishing techniques on timber surfaces

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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:

- for one timber furnishing item, complete the following to required quality standard:
 - prepare surface for finishing
 - apply colour to surface
 - apply finishing material.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- characteristics and safe handling of coating materials commonly used in furniture finishing
- common types of stains, including:
 - water stain
 - pigment oil stain
 - lacquer-based wiping stain
- common types of wood grain fillers, including:
 - oil-based filler
 - polyurethane (plastic) filler
 - water-based filler
- common types of finishing materials, including:
 - oil varnish
 - marine varnish
 - lacquer and sanding sealer
- common types of lubricating oils, including:
 - linseed oil
 - paraffin oil
 - teak oil
- common surface faults and their required repair techniques, including at least 5 of the following:

- machine marks
- bruising
- pencil marks
- grease
- cross-sanding marks
- scratches
- glue marks
- dirt marks
- insect and termite holes
- holes
- knots
- blisters
- coating application tools and techniques, including at least 6 of the following:
 - filler blades
 - brushes
 - spray equipment
 - sandpapers
 - skinning in
 - bodying up and spiriting out rubbers
 - mop brush
 - blender
 - swooge and scrapers
- personal protective equipment (PPE) required for timber surface finishing
- work health and safety requirements.
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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:
 - job documentation
 - coating materials, timber components or furnishings requiring finishing, and cleaning materials required for performance evidence
 - PPE
 - procedures for work health and safety.

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

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