



**Australian Government**

**Department of Education, Employment and Workplace Relations**

# **LMFFF1001B Complete a basic furniture finishing product**

**Revision Number: 1**

## LMFFF1001B Complete a basic furniture finishing product

### Modification History

Not applicable.

### Unit Descriptor

<b>Unit descriptor</b>	This unit covers the planning, preparation and completion of a basic furniture finishing project involving the coating of surfaces by either hand or spray application.
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### Application of the Unit

<b>Application of the unit</b>	
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### Licensing/Regulatory Information

Not applicable.

### Pre-Requisites

<b>Prerequisite units</b>	Nil	

### Employability Skills Information

<b>Employability skills</b>	This unit contains employability skills.
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## Elements and Performance Criteria Pre-Content

<p>Elements describe the essential outcomes of a unit of competency.</p>	<p>Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.</p>
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## Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Plan and prepare for work	1.1. Work requirements are correctly identified from drawings/ specifications/instructions 1.2. Quality assurance requirements are recognised and adhered to in accordance with enterprise operation 1.3. OHS requirements, including personal protection needs, are observed throughout the work 1.4. Tools, equipment and materials selected are consistent with job requirements and work instructions, checked for safety and serviceability and any faults reported to supervisor
2. Prepare surface and materials for finishing process	2.1. Surfaces are checked for contamination and correct preparation according to workplace procedures and standards 2.2. Products with surface or other faults are identified and faults are reported or repaired according to workplace procedures and standards 2.3. Techniques for application of materials for finishing process are identified and used according to workplace procedures 2.4. Materials suitable for basic surface finishing are prepared
3. Colour is applied to timber surface	3.1. Stain is applied to timber surfaces in accordance with manufacturers' specifications and workplace procedures and standards 3.2. Stained surface is sealed with polish using mop brush, blender or swooge 3.3. Sealed surface is lightly sanded to make smooth 3.4. Wood filler or sanding sealer are applied in accordance with manufacturers' specifications and workplace procedures and standards 3.5. Filled-in surface is sealed with oil varnish in accordance with manufacturers' specifications and workplace procedures and standards 3.6. Sealed surface is lightly sanded to make smooth.
4. Finishing material is applied to surface	4.1. Finishing material is applied in accordance with manufacturers' specifications until required build is achieved 4.2. Finishing material is cut back to remove surface defects and/or foreign material in accordance with workplace procedures and standards

ELEMENT	PERFORMANCE CRITERIA
	4.3. Surface is burnished with fine steel wool and lubricating oil to achieve even sheen
5. Clean up	5.1. Workplace is cleared of debris and unused materials 5.2. Wood filler and lubricating oil rags are disposed of safely having regard for spontaneous combustion 5.3. Tools and equipment are cleaned, maintained and stored

## Required Skills and Knowledge

### REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

#### Required skills

- collect, organise and understand information related to materials, work orders, plans and safety procedures
- communicate ideas and information to enable confirmation of work requirements and specifications, coordination of work and the reporting of work outcomes and problems
- plan and organise activities, including the preparation and the obtaining of equipment and materials to avoid any backtracking, workflow interruptions or wastage
- work with others and in a team by recognising dependencies and using cooperative approaches
- use mathematical ideas and techniques to correctly complete measurements, calculate area and estimate material requirements
- use pre-checking and inspection techniques to anticipate coating problems, avoid re-working and avoid wastage
- use limited workplace technology related to coating

#### Required knowledge

- characteristics, limitations and uses of coating materials required for the project
- coating application equipment, techniques and safe working procedures
- basic repair techniques to defects in timber surfaces
- safe handling of materials associated with applying coatings

## Evidence Guide

<b>EVIDENCE GUIDE</b>	
<p>The Evidence Guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.</p>	
<p><b>Critical Aspects of Evidence</b></p>	<ul style="list-style-type: none"> <li>• Manufacturer specifications and operational procedures</li> <li>• Work instructions, including job sheets, plans, drawings and designs</li> <li>• Workplace procedures relating to reporting and communication</li> </ul>
<p><b>Resource Implications</b></p>	<p>Safe work area, coating materials, timber components/furnishings requiring finishing and cleaning materials.</p>
<p><b>Method of Assessment</b></p>	<p>Assessment methods must confirm consistency of performance over time and in a range of workplace relevant contexts.</p> <p>Assessment should be by direct observation of tasks and questioning on underpinning knowledge.</p> <p>Assessment should be conducted over time and may be in conjunction with assessment of other units of competency.</p>
<p><b>Context of Assessment</b></p>	<p>Assessment may occur on the job or in a workplace simulated facility with relevant process equipment, materials, work instructions and deadlines.</p>

## Range Statement

### RANGE STATEMENT

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) may also be included.

<b>Unit context</b>	<ul style="list-style-type: none"> <li>• OHS requirements may include legislation, building codes, material safety management systems, hazardous and dangerous goods codes and local safe operating procedures or equivalent</li> <li>• Work is carried out in accordance with legislative obligations, environmental legislation, relevant health regulations, manual handling procedures and organisation insurance requirements</li> <li>• Work requires individual to demonstrate some discretion, judgement and problem solving skills in the accurate application of polish</li> </ul>
<b>A basic project may include:</b>	<ul style="list-style-type: none"> <li>• the coating of tables (occasional</li> <li>• coffee)</li> <li>• chairs or stools and other furnishing items</li> </ul>
<b>Stains may include but are not limited to:</b>	<ul style="list-style-type: none"> <li>• water stain</li> <li>• pigment oil stain</li> <li>• lacquer-based wiping stain</li> </ul>
<b>Wood grain filler may include but is not limited to:</b>	<ul style="list-style-type: none"> <li>• oil-based filler</li> <li>• polyurethane (plastic) filler</li> <li>• water-based filler</li> </ul>
<b>Finishing materials may include but are not limited to:</b>	<ul style="list-style-type: none"> <li>• oil varnish</li> <li>• marine varnish</li> <li>• lacquer and sanding sealer</li> </ul>
<b>Lubricating oil may include but is not limited to:</b>	<ul style="list-style-type: none"> <li>• linseed oil</li> <li>• paraffin oil</li> <li>• 'teak' oil</li> </ul>
<b>Surface faults may include:</b>	<ul style="list-style-type: none"> <li>• machine marks</li> <li>• bruising</li> <li>• pencil marks</li> <li>• grease</li> <li>• cross-sanding marks</li> </ul>

<b>RANGE STATEMENT</b>	
	<ul style="list-style-type: none"> <li>• scratches</li> <li>• glue marks</li> <li>• dirt marks</li> <li>• insect and termite holes</li> <li>• holes</li> <li>• knots</li> <li>• and blisters</li> </ul>
<b>Tools and equipment may include:</b>	<ul style="list-style-type: none"> <li>• filler blades</li> <li>• brushes</li> <li>• spray equipment</li> <li>• sandpapers</li> <li>• skinning in</li> <li>• bodying up and spiriting out rubbers</li> <li>• mop brush</li> <li>• blender</li> <li>• swooge and scrapers</li> </ul>
<b>Personal protective equipment</b>	Personal protective equipment is to include that prescribed under legislation, regulations and enterprise policies and practices
<b>Information and procedures</b>	<ul style="list-style-type: none"> <li>• Manufacturer specifications and operational procedures</li> <li>• Work instructions, including job sheets, plans, drawings and designs</li> <li>• Workplace procedures relating to reporting and communication</li> </ul>

## Unit Sector(s)

<b>Unit sector</b>	Furniture Finishing
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## Competency field

<b>Competency field</b>	
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## Co-requisite units

Co-requisite units		