



Australian Government

MSFFF1001 Complete a basic furniture finishing project

Release: 1

MSFFF1001 Complete a basic furniture finishing project

Modification History

Release 1 - New unit of competency

Application

This unit of competency covers planning, preparing and completing a basic furniture finishing project involving the coating of surfaces by either hand or spray application.

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

Pre-requisite Unit

Competency Field

Unit Sector

Furniture finishing

Elements and Performance Criteria

Elements describe the essential outcomes.		Performance criteria describe the performance needed to demonstrate achievement of the element.	
1	Plan and prepare for work	1.1	Work requirements are correctly identified from drawings, specifications and instructions
		1.2	Quality assurance requirements are recognised and adhered to in accordance with enterprise operation
		1.3	Work health and safety (WHS) 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 manufacturer 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 manufacturer specifications and workplace procedures and standards
		3.5	Filled-in surface is sealed with oil varnish in accordance with manufacturer 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 manufacturer 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
		4.3	Surface is burnished with fine steel wool and lubricating oil to achieve even sheen
5	Clean up work area	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

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 individual to demonstrate some discretion, judgement and problem solving in the accurate application of polish |
| A basic project includes: | <ul style="list-style-type: none">• the coating of tables, chairs or stools and other furnishing items |
| Stains include: | <ul style="list-style-type: none">• water stain• pigment oil stain• lacquer-based wiping stain |
| Wood grain fillers include: | <ul style="list-style-type: none">• oil-based filler• polyurethane (plastic) filler• water-based filler |
| Finishing materials include: | <ul style="list-style-type: none">• oil varnish• marine varnish• lacquer and sanding sealer |
| Lubricating oils include: | <ul style="list-style-type: none">• linseed oil• paraffin oil• 'teak' oil |
| Surface faults include: | <ul style="list-style-type: none">• machine marks• bruising |

	• pencil marks • grease • cross-sanding marks • scratches • glue marks • dirt marks • insect and termite holes • holes • knots • and blisters
Tools and equipment include:	• filler blades • brushes • spray equipment • sandpapers • skinning in • bodying up and spiriting out rubbers • mop brush • blender • swooge and scrapers
Personal protective equipment includes:	• that prescribed under legislation, regulations and enterprise policies and practices
Information and procedures include:	• 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 LMFFF1001B Complete a basic furniture finishing product

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 MSFFF1001 Complete a basic furniture finishing project

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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
- Complete a basic furniture finishing project
- 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
- Minimise wastage of resources, including materials, time and money
- Work with others and in a team by recognising dependencies and using cooperative approaches to optimise work flow and productivity

Knowledge Evidence

- 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

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 coating materials, timber components/furnishings requiring finishing and cleaning materials.

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