



Australian Government

MSFFF2004 Prepare surfaces for finishing

Release: 1

MSFFF2004 Prepare surfaces for finishing

Modification History

Release 1 - New unit of competency

Application

This unit of competency covers preparing a range of furniture surfaces for the application of surface coatings by hand or machine.

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	Prepare for surface preparation	1.1	Characteristics of the surface and the required surface coating materials are identified
		1.2	Work health and safety (WHS) requirements, including personal protection needs, are observed throughout the work
		1.3	Tools and equipment required, and related engineering controls are identified and set up
		1.4	Sources of contamination in work area are identified and excluded
		1.5	Workplace procedures for surface preparation are identified and followed according to the surface and surface coating materials being used
2	Prepare surfaces	2.1	Surfaces are prepared according to workplace procedures and specification

		2.2	Surface preparation is checked for conformity with workplace specifications throughout the process
		2.3	Rectification of surface preparation faults are made as required
		2.4	Products are inspected and approved for suitability for further processing
		2.5	Defects are rectified and/or reported in accordance with workplace procedures
3	Clean work area and maintain equipment	3.1	Prepared products are packed, stored and labelled ready for next process
		3.2	Equipment used is cleaned and inspected for serviceable condition and stored appropriately
		3.3	Unserviceable equipment is tagged, faults are identified and appropriate personnel are informed
		3.4	Chemicals used are stored or disposed of correctly according to regulations
		3.5	Work area is cleaned ready for next process or task

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.

- Unit context includes:**
- 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 individuals to demonstrate some discretion, judgement and problem solving in the preparation of surfaces
Surfaces include:	- solid hardwood and softwood - veneered board - metal
Tools and equipment include:	- measuring tapes and rulers - squares - hammer - nail punch - liquid containers - brushes - cabinet scrapers - file - oil stone - steel wool/scourers - sanding blocks - steam iron - chisels - power sanders - air compressor and hoses - fixed belt/stroke sander - plane spanners - screwdrivers - clamps - drill - mallet - vice - saw
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 LMFFF204B Prepare surfaces for finishing

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 MSFFF2004 Prepare surfaces for finishing

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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
- Prepare furniture surfaces on a minimum of four (4) occasions, including a:
 - horizontal surface
 - vertical surface
 - internal surface
 - curved surface (moulding)
 - surfaces are to include:
 - solid hardwood
 - solid softwood
 - veneered board
 - metal
- 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

- Types, properties and characteristics of coatings
- Surface preparation techniques and equipment/materials
- Hazardous substances and materials used in surface preparation
- Work flow in relation to the application and removal of surface 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 a range of surfaces to be prepared, preparation tools, equipment and consumables.

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