



Australian Government

MSFFF2012 Prepare surfaces for finishing

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 prepare a range of furniture surfaces for the application of surface coatings by hand or machine. Workers with this competency complete routine tasks in the furniture finishing industry

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 finishing

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 surface preparation	1.1 Determine task requirements, including identifying characteristics of surface, required surface coating materials and efficient work methods, from work documentation 1.2 Identify and follow work health and safety (WHS) requirements 1.3 Identify and set up required materials, tools and equipment and related engineering controls 1.4 Identify and exclude sources of contamination in work area 1.5 Identify and follow workplace procedures for surface preparation in accordance with the surface and surface coating materials being used
2. Prepare surfaces	2.1 Prepare surfaces of furniture item in accordance with workplace procedures and specifications 2.2 Rectify surface faults 2.3 Inspect surfaces and approve for suitability for further

	processing 2.4 Rectify or report item defects in accordance with workplace procedures 2.5 Store item ready for next process
3. Clean work area and maintain equipment	3.1 Check, clean and store equipment and unused materials in accordance with equipment instructions and workplace procedures 3.2 Tag unserviceable equipment, identify faults and inform appropriate personnel 3.3 Clean work area, safely store or dispose of chemicals and waste and identify items for recycling in accordance with workplace procedures and environmental standards 3.4 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 workplace procedures and work documentation.
- Writing skills to communicate simple information in familiar workplace documents.
- 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 MSFFF2004 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 MSFFF2012 Prepare surfaces for finishing

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Performance Evidence

There must be evidence the candidate has completed all the tasks outlined in the elements and performance criteria of this unit, and demonstrated the ability to:

- prepare surfaces on at least 3 occasions, collectively including internal and curved surfaces and at least 2 of the following materials:
 - solid hardwood
 - solid softwood
 - MDF
 - veneered board
 - metal.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- types of coatings commonly used in furniture finishing and their characteristics
- surface preparation techniques, equipment and materials
- hazardous substances and materials used in surface preparation
- workflow in relation to the application and removal of surface coatings
- function of tools and equipment commonly used for surface preparation, including at least 6 of the following:
 - squares
 - hammers
 - nail punches
 - liquid containers
 - brushes
 - cabinet scrapers
 - files
 - steel wool/scourers
 - sanding blocks
 - steam irons
 - chisels

- power sanders
- air compressors and hoses
- fixed belt/stroke sanders
- screwdrivers
- clamps
- drills
- mallets
- vices
- saws
- • personal protective equipment (PPE) required for surface preparation
- sources of workplace information and procedures, including:
 - workplace procedures for the use of tools and equipment
 - work instructions, including job sheets, cutting lists, plans, drawings and designs
 - workplace procedures for reporting and record keeping
 - manufacturer specifications and operational procedures
 - work health and safety requirements, including personal protective equipment.

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:
 - work orders
 - surfaces to be prepared
 - tools, equipment and consumables required for performance evidence
 - PPE
 - workplace procedures, manufacturing specifications, codes, standards, manuals, and reference materials.

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

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