



Australian Government

MSFFF3015 Repair and touch up surfaces

Release: 1

MSFFF3015 Repair and touch up surfaces

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 repair and touch up damaged solid timber, manufactured board and metal surfaces by hand.

Furniture finishing workers with this competency follow established procedures, using discretion, judgement and problem-solving to identify and resolve potential issues. They recognise dependencies and use cooperative approaches to optimise workflow and productivity.

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 task	1.1 Determine task requirements including surface characteristics and required surface finish from work documentation 1.2 Plan for work by identifying processing and application techniques, time and safety requirements and efficient work methods 1.3 Identify and follow work health and safety requirements 1.4 Identify tools, equipment and accessories to meet task requirements and check for safety and functionality
2. Repair surfaces	2.1 Check surfaces for contamination and correct preparation in accordance with workplace procedures and standards 2.2 Identify and assess products with surface or other faults

Elements	Performance Criteria
	2.3 Select and prepare required materials required for repairs 2.4 Complete repairs to required manufacturer standards and industry practices
3. Prepare for application of materials	3.1 Identify and select techniques for hand application of materials to meet job requirements 3.2 Identify and prepare required coating materials 3.3 Perform trial applications of surface materials to check equipment operation, materials consistency and specified surface finish 3.4 Identify and rectify faults in accordance with workplace procedures
4. Apply surface coating	4.1 Apply surface coatings in accordance with job instructions, manufacturer specifications and workplace procedures 4.2 Inspect coated products and approve for suitability for further processing 4.3 Recoat products that do not meet quality specifications or tag for further investigation in accordance with workplace procedures
5. Clean work area and maintain equipment	5.1 Check, clean and store equipment and unused materials in accordance with workplace procedures 5.2 Tag unserviceable equipment, identify faults and inform appropriate personnel in accordance with workplace procedures 5.3 Clean work area, including painting locations, safely dispose of waste and identify items for recycling in accordance with workplace procedures and environmental standards 5.4 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 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 MSFFF3006 Repair and touch up surfaces.

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 MSFFF3015 Repair and touch up surfaces

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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:

- repair and finish a minimum of 4 damaged surfaces, collectively including the following:
 - a strip-off and re-finish
 - 2 touch-ups involving different repair techniques
 - repair or touch up of a metal surface.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- repair and touch up techniques, including:
 - decontamination and repair
 - stripping
 - wash off
 - stoppings
 - epoxy
 - button lac
 - water putty
 - wax
 - plugs and refinishing
- decontamination materials, techniques and safety requirements
- application techniques
- characteristics of coatings and base materials in terms of:
 - toxicity
 - reactivity
 - flammability
 - required viscosity
 - recoatability
- methods to prevent contamination of surfaces during and after surface coating

- workflow for applying surface coatings
- typical surface faults and remediation, including at least 4 of the following:
 - machine marks
 - bruising
 - pencil marks
 - grease
 - cross-sanding marks
 - scratches
 - glue marks
 - dirt marks
 - insect and termite holes
 - holes
 - knots
 - blisters
 - rubber marks
 - burns or tears
 - ropiness and foreign matter in the polish
- function of tools and equipment commonly used to repair and touch up surfaces, including at least 6 of the following:
 - brushes
 - rollers
 - soup rubbers
 - paint trays
 - power agitators
 - sanders
 - liquid containers
 - scrapers
 - quirk sticks
 - sandpapers
 - cotton rags
 - hessian
 - steel wool
 - sandpaper
 - abrasive papers
- typical materials used for repairing and touching up surfaces, including at least 4 of the following:
 - lacquers
 - paints
 - acrylics
 - enamels

- one-pot polyurethane
- methylated spirits
- pigments
- spirit colours
- sources of workplace information, including:
 - workplace procedures relating to the use of tools and equipment
 - work instructions
 - workplace procedures relating to reporting and communication
- manufacturer specifications and operational procedures
- work health and safety requirements, including use of personal protective equipment (PPE).
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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:
 - work orders
 - tools and equipment required for performance evidence
 - coatings and other consumables
 - PPE
 - items to be enhanced
 - workplace procedures, manufacturing specifications, codes, standards, manuals, and reference materials.

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

Links

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