



Australian Government

MSFFF2011 Remove surface coatings

Release: 1

MSFFF2011 Remove surface coatings

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 safely remove surface coatings by hand or by chemical means, in preparation for new surface coatings to be applied.

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 coating removal	1.1 Determine task requirements from work documentation 1.2 Identify and follow work health and safety requirements 1.3 Test and identify surface coating 1.4 Select tools, equipment, materials, accessories and consumables to meet task requirements and check they are safe and functional
2. Remove surface coatings	2.1 Identify sequence for coating removal operation 2.2 Use equipment, chemicals and abrasives within manufacturer specifications and workplace procedures 2.3 Remove surface coating according to workplace procedures 2.4 Inspect surfaces to ensure removal of surface coating meets workplace standards 2.5 Report on defects found after removal of surface coating in accordance with workplace procedures

	2.6 Store and label 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 workplace procedures 3.2 Tag unserviceable equipment, identify faults and inform appropriate personnel in accordance with workplace procedures 3.3 Clean work area, correctly store or dispose of chemicals and other materials and rubbish, and identify items for recycling in accordance with workplace procedures, regulations 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 MSFFF2003 Remove surface coatings.

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 MSFFF2011 Remove surface coatings

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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:

- remove surface coatings on at least 4 occasions, collectively including:
 - solid timber, manufactured board, and metal surfaces
 - flat, vertical, carved and curved surfaces
 - each of the following:
 - sanding and scrubbing
 - chemical stripping and dipping
 - heat application and hand scraping
 - high pressure water application.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- workflow for the removal of surface coatings
- types, properties and characteristics of coatings
- removal materials and the types of coatings they are suited to, including at least 5 of the following:
 - caustic soda
 - thinners
 - turpentine
 - methylated spirits
 - gun wash
 - gel stripper
 - putties
 - hot water
 - glues
 - abrasive paper
- coating removal techniques, including:
 - sanding and scrubbing

- chemical stripping and dipping
- heat application and hand scraping
- high pressure water application
- material safety management systems
- the function of tools and equipment commonly used to remove surface coatings, including at least 6 of the following:
 - liquid containers
 - brushes
 - scrapers
 - scrubbing brush
 - steel wool
 - sanding blocks
 - heat guns
 - high-pressure water cleaners
 - dipping tanks
 - stainless steel stripping bench
 - iron
 - plane
 - chisels
 - power sanders
 - air compressor
- 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
 - safety data sheets, product application and safety information
- work health and safety requirements, including personal protective equipment (PPE) required for removing surface coatings.

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
 - Items with surfaces to be removed
 - 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.

Links

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