



Australian Government

MSFFL2045 Coarse sand timber flooring

Release: 1

MSFFL2045 Coarse sand timber flooring

Modification History

Release 1. Supersedes and is equivalent to MSFFL2015 Coarse sand timber flooring.

Application

This unit describes the skills and knowledge required to prepare for work and coarse sand existing floors using a drum or belt driven sanding machine to grade the surface to remove cupping, ridges, high points or deep scratches. This usually involves three passes and the gradual overlapping of each run.

This unit applies to flooring technicians working in accordance with pre-determined work orders.

Licensing, legislative or certification requirements may apply to this unit and relevant state/territory and local government agencies should be consulted to determine any necessary certification or licensing for undertaking flooring work. Access to construction sites requires certification of general induction training specified by the National Code of Practice for Induction for Construction Work (ASCC 2007).

Pre-requisite Unit

N/A

Unit Sector

Flooring technology

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare for the work	1.1 Identify and follow work health and safety, legislative and organisational requirements 1.2 Read work documentation and identify job requirements 1.3 Inspect timber flooring for contamination, moisture content and suitability for sanding operations, and identify and complete any pre-sanding tasks 1.4 Assess timber flooring condition and confirm the extent of floor preparation required to meet job specifications 1.5 Remove mechanical fixings to avoid damage to equipment and

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	surfaces 1.6 Select and check tools, equipment and materials for suitability, serviceability and safety prior to use 1.7 Plan sequence of work suited to the job
2. Conduct coarse sanding operations	2.1 Set up and check sanding equipment and safety features in accordance with manufacturer instructions 2.2 Select and change equipment to meet requirements of the job 2.3 Conduct trial runs and confirm machine operation and quality of finished work 2.4 Select, attach and routinely check sanding belts or papers and change to ensure quality finish 2.5 Complete sanding systematically and effectively within the required timeframe 2.6 Complete routine lubrication and adjustments to the equipment as required for efficient operation 2.7 Clean and check final finish against quality and job requirements, and rectify deficiencies
3. Complete housekeeping	3.1 Store and recycle unused materials in accordance with workplace procedures 3.2 Check, clean and store tools and equipment in accordance with workplace procedures 3.3 Clean work area and dispose of rubbish safely 3.4 Accurately complete required workplace documentation

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency

Unit Mapping Information

Supersedes and is equivalent to MSFFL2015 Coarse sand timber flooring.

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 MSFFL2045 Coarse sand timber flooring

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Performance Evidence

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

- coarse sanded 2 complete rooms, including edges, in accordance with job requirements.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- mathematical procedures for estimation and measurement, including calculation of area
- coarse sanding operations:
 - Australian Standards requirements
 - workplace safety systems
 - work flow
 - environmental protection and sustainability requirements
 - floor conditions requirements for sanding operations
 - characteristics, safe use, maintenance and limitations of tools and equipment for both edge and centre sanding
 - techniques for machine use, the types of problems that may occur and how to avoid and respond
- procedures and protocols for the recording, reporting and maintenance of workplace records and information.
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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:
 - floors requiring sanding
 - equipment, tools and materials to complete tasks in the Performance Evidence, including safety and personal protective equipment
 - work orders

- workplace procedures.

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

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