



Australian Government

MSFFL2015 Coarse sand timber flooring

Release: 1

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Modification History

Release 1 - New unit of competency

Application

This unit of competency covers coarse sanding of existing floors using a drum or belt driven sanding machine to grade the surface to remove cupping, ridges, high points or deep scratches usually involving three passes and the gradual overlapping of each run.

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

Competency Field

Unit Sector

Flooring technology

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

1	Prepare for the work	1.1	Applicable work health and safety (WHS), legislative and organisational requirements relevant to coarse sanding of timber flooring are verified and complied with
		1.2	Instructions and/or plans are read and interpreted to identify process required to complete work tasks
		1.3	Timber flooring is checked for contamination and moisture content
		1.4	Timber flooring condition is assessed and the extent of floor preparation required to meet job specifications is

- confirmed
- 1.5 Timber flooring is inspected for suitability for sanding operations and any pre-sanding tasks are completed
 - 1.6 Mechanical fixings are removed avoiding damage to equipment and surfaces
 - 1.7 Tools, equipment and materials are selected and checked prior to use to ensure that they are appropriate for the work, serviceable and in a safe condition
 - 1.8 Sequence of work is planned, including the starting point, to ensure efficiency and quality of installation
- 2 Conduct coarse sanding operations
- 2.1 Coarse sanding equipment is set up in accordance with manufacturer instructions and operating procedures
 - 2.2 Emergency stops, gauges, guards and controls are identified and checked
 - 2.3 Equipment settings and adjustments are made and checked
 - 2.4 Trial runs are conducted to check machine operations and quality of finished work
 - 2.5 Sanding belts or papers are attached, routinely checked and changed as required
 - 2.6 Sanding is completed systematically and effectively within the minimum required timeframe
 - 2.7 Routine lubrication and adjustments to the equipment are completed as required
 - 2.8 Timber flooring is cleared and checked for further processing
- 3 Conduct edge sanding operations
- 3.1 Edge sanding equipment is set up in accordance with manufacturer instructions and operating procedures
 - 3.2 Emergency stops, gauges, guards and controls are identified and checked
 - 3.3 Equipment settings and adjustments are made and checked
 - 3.4 Sanding papers are selected

- 3.5 Trial runs are conducted to check machine operations and quality of finished work
- 3.6 Sanding papers are attached, routinely checked and changed as required
- 3.7 Edge sanding is completed systematically and effectively within the minimum required timeframe
- 3.8 Routine lubrication and adjustments to the equipment are completed as required
- 3.9 Finished timber flooring is cleaned, inspected and any imperfections are rectified following workplace procedures
- 4 Complete housekeeping
 - 4.1 Unused materials are stored or recycled as required
 - 4.2 Tools and equipment are cleaned and stored appropriately
 - 4.3 Work area is cleaned and rubbish disposed of appropriately
 - 4.4 Workplace documentation is completed

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.

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| Unit context includes: | <ul style="list-style-type: none">• 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 individual to demonstrate some discretion, judgement and problem solving |
| Coarse sanding of timber flooring includes: | <ul style="list-style-type: none">• removal of mechanical fixings• punching of nails• sanding the timber flooring to grade the surface and removing cupping, ridges, high points or deep scratches |
| Mechanical fixings include: | <ul style="list-style-type: none">• tacks• nails• staples• screws |
| Tools and equipment include: | <ul style="list-style-type: none">• hammer• scrapers• punches• brooms• vacuums• leads• dust masks |
| Materials include: | <ul style="list-style-type: none">• sanding belts• sanding paper• sanding discs |

- oil
 - lubricants
 - split drum and belt floor sanders
 - edge sander
 - sanding discs using 24–60 grit papers
- Coarse sanding equipment includes:**
- 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 LMFFL2111A Coarse sand timber flooring

Links

Companion Volume implementation guides are found in VETNet -
<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>