



Australian Government

MSFFL3051 Install timber flooring to joists

Release: 1

MSFFL3051 Install timber flooring to joists

Modification History

Release 1. New unit

Application

This unit specifies the skills and knowledge required to plan, prepare, set out and install or repair internal timber flooring directly to joists and over sheet sub-floors and external decking to joists in domestic and commercial settings.

There are no specific licensing requirements directly associated with this unit, however, some jurisdictions require the holder of this unit to be licensed or certified and users should check with the relevant authorities. On-site work may require certification of general induction training covered by the *National Code of Practice for Induction for Construction Work (ASCC 2007)*.

Pre-requisite Unit

Nil

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	Determine job requirements	1.1	Follow standard operating procedures (SOPs)
		1.2	Comply with work health and safety (WHS) requirements at all times
		1.3	Use appropriate personal protective equipment (PPE) in accordance with SOPs
		1.4	Identify job requirements from plans, specifications, drawings, quality requirements and operational details

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| 2 | Plan and prepare for work | 2.1 | Identify and implement signage/barricade requirements |
| | | 2.2 | Carry out service on selected plant, tools and equipment, including identifying and rectifying any faults, to manufacturer requirements to ensure they perform at their optimum |
| | | 2.3 | Calculate material quantity requirements in accordance with plans and specifications |
| | | 2.4 | Identify and obtain materials appropriate to the work application ensuring they are prepared, safely handled and located ready for use |
| | | 2.5 | Identify and apply environmental protection requirements for the project in accordance with environmental plans and regulatory obligations |
| 3 | Set out | 3.1 | Inspect sub-floor and joists for flatness and structural integrity and correct as required |
| | | 3.2 | Set out and plan installation method |
| | | 3.3 | Prepare materials in accordance with client specifications |
| 4 | Install timber flooring | 4.1 | Select appropriate flooring materials for the intended use according to specifications |
| | | 4.2 | Confirm floor measurements and flooring materials to ensure minimum waste and prepare for installation |
| | | 4.3 | Install flooring, as specified by the client, using suppliers recommended products ensuring product is installed and secured to manufacturer recommendations, industry and Australian Standards |
| | | 4.4 | Complete installed flooring in preparation for sanding and finishing |
| 5 | Complete housekeeping | 5.1 | Clear work area and dispose of materials for re-use or recycle in accordance with legislation/regulations/codes of practice and job specifications |

- 5.2 Clean, check and maintain plant, tools and equipment in accordance with manufacturer recommendations and SOPs
- 5.3 Complete workplace documentation in accordance with procedures

Foundation Skills

This section describes those required skills (reading, writing, oral communication and numeracy) that are essential to workplace performance in this unit of competency.

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

Range of Conditions

This field allows for 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.

Legislative requirements include: Applicable legislation from all levels of government that affect the following:

- organisational operation
- award and enterprise agreements
- industrial relations
- Australian Standards
- confidentiality and privacy
- WHS
- environment
- equal employment opportunity (EEO)
- anti-discrimination
- relevant codes of practice
- duty of care and heritage

WHS requirements: Commonwealth, state or territory legislation and regulations, including one or more of the following:

- organisational safety policies and procedures
- the use of PPE
- firefighting equipment
- first aid equipment

- hazard and risk control and elimination
- control of hazardous materials and substances
- manual handling, including lifting and carrying
- working at heights
- working in confined spaces

Organisational requirements include one (1) or more of the following:

- legal, organisational and site guidelines
- policies and procedures relating to own role and responsibility
- quality assurance
- procedural manuals
- quality and continuous improvement processes and standards
- WHS
- emergency and evacuation
- ethical standards
- recording and reporting
- access and equity principles and practices
- equipment use, maintenance and storage
- environmental management (waste disposal, recycling and re-use guidelines)

Instructions include one (1) or more of the following:

- workplace procedures relating to the use and operation of tools and equipment
- workplace instructions, including job sheets, plans, drawings and designs
- workplace procedures relating to reporting and communications
- manufacturer instructions for the use of equipment and materials

Tools and equipment include one (1) or more of the following:

- drop, jig, hand, undercut and plunge saws
- hammer
- bar scribe
- utility knife
- circular and bench saws
- straight edge
- glue and staple guns
- nailers
- flooring, strap and wall clamps

Materials include one (1) or more of the following:

- strip timber flooring (19mm or thicker)
- decking boards
- plywood
- particleboard
- adhesives including:
 - polyurethane flooring adhesives
 - polymer flooring adhesives

Unit Mapping Information

New Unit

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 MSFFL3051 Install timber flooring to joists

Modification History

Release 1. New unit

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy the requirements of the elements and performance criteria and include:

- following work instructions, SOPs and safe work practices
- identifying and interpreting specifications, drawings, standards and other relevant information to install timber flooring to joists
- complying with site safety plan, WHS regulations, state/territory legislation, and organisational policies and procedures, including quality requirements
- using tools, plant and equipment in a safe and effective manner
- completing a minimum of:
 - one (1) installation of 19 mm strip timber flooring direct to joists to a full sized one bedroom home or equivalent (including a bedroom, lounge, kitchen and bathroom not less than 30 sqm)
 - one (1) installation of a ply or reconstituted timber sheet product directly to joists to a full sized one bedroom home or equivalent (including a bedroom, lounge, kitchen and bathroom not less than 30 sqm)
 - one (1) installation of 19 mm decking direct to joists (not less than 30 sqm)
 - removal and replacement of a board in an existing timber floor direct on joists
- communicating and working effectively and safely with others.

Knowledge Evidence

Evidence required to demonstrate the required knowledge for this unit must be relevant to and satisfy the requirements of the elements and performance criteria and include knowledge of:

- safe work practices and procedures and use of PPE
- workplace and equipment safety requirements
- job safety analysis (JSA's)/safe work method statement (SWMS)
- quality requirements
- general timber flooring industry terminology
- plant, tools and equipment types, characteristics, uses and limitations
- timber flooring types, characteristics, uses and limitations
- setting out and levelling techniques
- timber flooring installation methods
- processes for the calculations of material requirements
- material safety data sheets (MSDS)

- plans, drawings and specifications
- materials handling, storage and environmentally friendly waste management

Assessment Conditions

- Assessors must:
 - satisfy the assessor competency requirements that are in place at the time of the assessment as set by the VET regulator
 - have vocational competency in installing timber flooring to joists at least to the level being assessed with relevant industry knowledge and experience
- Where possible assessment must occur in operational workplace situations. Where this is not possible or where personal safety or environmental damage are limiting factors, assessment must occur in a sufficiently rigorous simulated environment that reflects realistic operational workplace conditions that cover all aspects of workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills.
- Conditions for assessment must include access to all tools, equipment, materials and documentation required, including relevant workplace procedures, product and manufacturing specifications.
- Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

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