



Australian Government

MSFFL3003 Inspect sub-floors

Release: 1

MSFFL3003 Inspect sub-floors

Modification History

Release 1 - New unit of competency

Application

This unit of competency covers inspecting and formally reporting on the condition of both timber and concrete sub-floors.

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.

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| 1 | Prepare for work | 1.1 | Applicable work health and safety (WHS), legislative and organisational requirements relevant to the inspection of sub-floors are verified and complied with |
| | | 1.2 | Customer enquiry and relevant information is consulted to determine the type of proposed flooring operation and other work requirements |
| | | 1.3 | Floor surface requirements for the proposed coverings are determined from manufacturer or workplace information |
| | | 1.4 | Tools, equipment and required materials are obtained and prepared for the work |

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| 2 | Conduct inspection of timber flooring | 2.1 | The type of floor construction materials and the building floor structure and substructure are identified |
| | | 2.2 | Datum lines to confirm floor fall, dips and irregularities and finished floor height in relation to other floor coverings and door clearances are run and checked to confirm dimensions |
| | | 2.3 | Moisture testing is completed in accordance with the approved process and standard |
| | | 2.4 | Timber sub-flooring inspections are completed to identify irregularities |
| | | 2.5 | Ventilation flow is confirmed and irregularities noted |
| | | 2.6 | Floor joists, bearers and stumps are checked for irregularities |
| 3 | Conduct inspection of concrete flooring | 3.1 | The type of floor construction materials and the building floor structure and substructure are identified |
| | | 3.2 | Datum lines are run and checked to confirm dimensions |
| | | 3.3 | Moisture testing is completed in accordance with the approved process and standard |
| | | 3.4 | Concrete sub-floor inspections are completed to identify irregularities |
| | | 3.5 | Expansion joints are inspected to ensure they are clean and unobstructed |
| 4 | Notify findings of inspection | 4.1 | Notification of the findings of the inspection is completed in accordance with current and relevant standards |
| | | 4.2 | Copies of the notification are sent to appropriate personnel and suitably filed following workplace procedures |

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.

Unit context includes:

- 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 individuals to demonstrate some discretion, judgement and problem solving

Tools and equipment include:

- straight edges (150 mm – 3 m)
- spirit level
- string line and chalk line
- electrical resistance meter
- tape measure
- laser level
- dumpy level
- measuring pole
- water level
- hygrometer
- thermometer probe
- acid and alkaline testing equipment
- electric drill
- masonry drill bits

Materials include:

- timber strip flooring
- construction sheet flooring
- concrete floors
- above grade, on grade and below grade floors

Timber sub-flooring inspections include:	• tests for moisture content • protruding nails • loose metal and other objects • cracked, loose, rotting or damaged boards • insect attack • cross-flow ventilation
Concrete sub-floor inspections include:	• checks for any protruding obstacles • cracks or damage • moisture • damage to expansion joints • concrete surface for weakness or damage • the presence of during agents
Inspection notifications include:	• the type of the inspection completed, testing methods used, inspection findings, suggested remedies to any faults identified and recommendations for floor coverings or finishing
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 LMFFL3101A Inspect sub-floors

Links

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