



Australian Government

MSFFL3054 Assess flooring installation sites

Release: 1

MSFFL3054 Assess flooring installation sites

Modification History

Release 1. Supersedes and is not equivalent to MSFFL2004 Moisture test timber and concrete floors, and, MSFFL3003 Inspect sub-floors.

Application

This unit describes the skills and knowledge required to assess and formally report on the condition of both timber and concrete subfloors and factors in the environment that may impact flooring installation.

This unit applies to all flooring technicians responsible for pre-installation inspections.

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. Industry standards and codes of practice within Australia must also be applied. 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

Competency Field

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 work	1.1 Identify and follow work health and safety, legislative and organisational requirements 1.2 Identify type of proposed floor covering and other work requirements from customer enquiry or workplace documentation 1.3 Determine floor surface requirements for the proposed coverings from manufacturer or workplace information 1.4 Obtain and prepare tools, equipment and required materials for the

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	work
2. Assess the installation environment	2.1 Identify aspects of the internal and external environment that may affect installation 2.2 Investigate the potential interactions between the environment and the proposed flooring 2.3 Select appropriate equipment to conduct inspections and tests
3. Assess flooring	3.1 Identify the type of floor construction materials and the building floor structure and substructure based on visual inspection 3.2 Run and check datum lines and confirm accurate dimensions 3.3 Complete required tests in accordance with the approved process and Australian Standards
4. Report findings	4.1 Accurately document relevant findings in accordance with current standards and workplace practice 4.2 Send copies of the inspection report to appropriate personnel and suitably file in accordance with workplace procedures

Foundation Skills

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

Unit Mapping Information

No equivalent 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 MSFFL3054 Assess flooring installation sites

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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:

- completed a full internal and external site assessment and documented assessment findings for:
 - 1 timber subfloor
 - 1 concrete subfloor.
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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
- pre-installation inspections:
 - workplace safety system requirements
 - work flow
 - types, characteristics, safe use, maintenance and limitations of tools and equipment
 - characteristics and requirements of subfloor preparation for different flooring types
 - type, characteristics and defects of timber and concrete subfloor structures, including the role of moisture and how it impacts installation
 - how to conduct the following moisture tests on both timber and concrete subfloors in accordance with Australian Standards:
 - visual inspection for signs of moisture
 - electrical resistance moisture test on timber flooring, floor joists, bearers and stumps
 - hygrometer moisture test on concrete flooring
 - capacitance moisture test on concrete flooring
 - how to conduct a flatness and falls assessment
 - inspection items required for timber flooring:
 - datum line running and checking – relating to floor fall, dips, irregularities and finished floor height in relation to other floor coverings and door clearances
 - protruding nails
 - loose metal and other objects

- cracked, loose, rotting or damaged boards
- insect attack
- cross-flow ventilation
- inspection items required for concrete flooring:
 - datum line running and checking
 - protruding obstacles
 - cracks or damage (identifying static versus dynamic)
 - damage to expansion joints
 - concrete surface for weakness
 - the presence of concrete sealers and/or surface treatments
 - existing floor coatings
 - oil, fats, grease, and/or detergent contamination
 - transitions to other flooring systems
 - drainage requirements including falls to drains
 - ramps
- aspects of the internal and external environment that need to be inspected in addition to the subfloor
- formats and required inclusions for inspection reports, including:
 - the type of the inspection completed
 - testing methods used
 - inspection findings
 - suggested remedies to any faults identified
 - recommendations for floor coverings or finishing.
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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 and environments for assessment
 - assessment tools, equipment and materials
 - workplace procedures.

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

Links

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