

## MSFFL3107 Assess flooring installation sites

### Modification History

Release 1. Supersedes and is equivalent to MSFFL3054 Assess flooring installation sites. Changes to application, elements and performance criteria to improve clarity and consistency across MSFFL units.

### Application

This unit describes the skills and knowledge required to inspect, assess and report with recommendations on flooring installation sites including the condition of timber and concrete subfloor structures and subfloors and factors that may affect the installation of flooring coverings including underlays on them.

Workers with this competency undertake routine tasks on residential and nonresidential/commercial sites according to job instructions and workplace procedures using discretion, judgement and problem-solving to identify and resolve routine issues. They work with a high degree of self-direction under routine supervision, and they are responsible for their output.

The work described in this unit may require a licence or certification in some jurisdictions, and state or territory authorities should be consulted to determine the current status. Workers on construction sites are required by law to complete induction training. They must also comply with Australian Standards, codes and manufacturers' installation instructions.

### Prerequisite Unit.

None

### Unit Sector

Flooring technology

### Elements and Performance Criteria

Workers with this competency can do the following.

Elements	Performance Criteria
1. Prepare to assess flooring installation sites	1.1 Identify from the customer's enquiry or job instructions the type of the proposed floor coverings and other relevant work requirements 1.2 Identify hazards relating to the work site, work practices, materials, tools and equipment, and check risk treatments are in place and operating 1.3 Select and check all required inspection, testing and other tools and equipment are ready to use, and organise to fix any deficiencies according to workplace procedures 1.4 Determine the subfloor surface requirements of the proposed floor coverings from manufacturer's instructions
2. Assess flooring installation environments	2.1 Identify aspects of the internal and external environment that may affect the installation of floor coverings 2.2 Investigate the potential interactions between the environment and the proposed floor coverings
3. Assess subfloor structures and subfloors	3.1 Visually inspect the subfloor structure and subfloor to identify the materials used 3.2 Run and check datum lines and confirm dimensions are accurate 3.3 Complete tests appropriate to the type of floor covering to be installed according to manufacturers' instructions

Elements	Performance Criteria
4. Report findings according to workplace procedures	4.1 Identify remedies to any faults identified and make recommendations for floor coverings 4.2 Prepare an assessment report 4.2 Make copies of the report available to appropriate people

## 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 MSFFL3054 Assess flooring installation sites.

## Links

Companion Volume implementation guides are found in VETNet –

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>

## Assessment Requirements

### Performance Evidence

There must be evidence the candidate has completed the tasks in the elements and performance criteria of this unit of competency and has demonstrated the ability to complete and document according to job instructions:

- the findings of a full internal and external site assessment for:
- one timber subfloor structure and subfloor
- one concrete subfloor.

### Knowledge Evidence

There must be evidence the candidate has knowledge of:

- pre-installation inspections:
- how subfloors must be prepared for carpet and underlay
- the safe and correct use of and maintenance requirements for tools and equipment used for inspections
- type, characteristics and common defects of timber and concrete subfloor structures, including the role of moisture and how it affects the installation of flooring materials
- how to conduct, according to Australian standards, the following moisture tests on timber and concrete subfloors:
  - a visual inspection for signs of moisture
  - an electrical resistance moisture test on timber flooring, floor joists, bearers and stumps
  - a calcium chloride test on concrete flooring
  - a hygrometer (in-situ) moisture test on concrete flooring
  - a 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 must be inspected in addition to the subfloor
- formats and required inclusions for assessment reports, including the:
- type of inspection completed
- testing methods used
- inspection's findings
- suggested remedies to any faults identified
- recommendations for floor coverings or finishing.
- workplace policies and procedures relevant to their job role and responsibilities including for:
- conducting assessments
- communication and reporting including reporting findings
- quality indicators for completed work and process improvements
- work health and safety, including the use of personal protective equipment and safety data sheets
- work planning.

### 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:
- installation sites for flooring materials including subfloors and their supporting structures
- equipment, tools and materials required for the activities set out in the elements and performance criteria, including those to control hazards
- workplace procedures.

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

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