Supporting: MSFFL2004 Moisture test timber and concrete floors  
MSFFL3003 Inspect sub-floors

# Section 3 Assignment: Measuring moisture and pH

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| **Name** |  | **Date** |  |

Provide short answers to the following questions:

1. How do capacitance moisture meters work, and why are they not very accurate for taking moisture readings in concrete floors?

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1. Capacitance moisture meters are still useful devices to have on hand when you’re testing a concrete floor. What are they good for?

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1. When you carry out a ‘surface mounted hood test’, exactly what are you measuring? What is the maximum RH permitted in a concrete slab when tested in this way?

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1. When you carry out an ‘in-situ probe test’, exactly what are you measuring? What is the maximum RH permitted in a concrete slab when tested in this way?

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1. How does an electrical resistance moisture meter measure the amount of water that’s present in timber? What is the normal allowable moisture content range for timber in a subfloor?

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1. Why is the ‘calcium chloride test’ no longer used by flooring installers to measure moisture content in concrete?

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1. How many moisture tests should be carried out on a 100 m2 floor?

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1. List the types of details you should record when you carry out a set of moisture tests on a subfloor (as recommended by the Australian Standards).

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1. Why is it important to know what the pH level is on the concrete surface before you start a vinyl flooring installation?

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