

# Making measurements



Supporting: MSFGN2001 Make measurements and calculations

## Practical demonstration checklist

The checklist below sets out the sorts of things your trainer will be looking for when you undertake the practical demonstrations for this unit. Make sure you talk to your trainer or supervisor about any of the details that you don't understand, or aren't ready to demonstrate, before the assessment event is organised. This will give you time to get the hang of the tasks you will need to perform, so that you'll feel more confident when the time comes to be assessed.

When you are able to tick all of the YES boxes below you will be ready to carry out the practical demonstration component of this unit.

Specific performance evidence	YES
Use a range of measuring, calculating and recording devices to:	<input type="checkbox"/>
• take measurements and record the results	<input type="checkbox"/>
• perform calculations and check results (Measurement demonstration)	<input type="checkbox"/>
Work from specific project plans or briefs to determine and cost the material quantities for a minimum of 3 different projects (Projects 1, 2 and 3)	<input type="checkbox"/>

General performance evidence	YES
1. Follow all relevant WHS laws and regulations, and company policies and procedures	<input type="checkbox"/>
2. Select appropriate measuring equipment for the task at hand	<input type="checkbox"/>
3. Identify the correct units of measure and details required from the work documents	<input type="checkbox"/>
4. Check measuring equipment and calibrate it ready for use	<input type="checkbox"/>
5. Identify external factors that might affect the accuracy of the measurements and estimate the range of results expected	<input type="checkbox"/>
6. Carry out measurements using appropriate techniques	<input type="checkbox"/>
7. Check accuracy and correctness and compare results to estimates	<input type="checkbox"/>
8. Identify data to be used in calculations and choose appropriate	<input type="checkbox"/>

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methods and tools	
9. Carry out calculations and check answers for correctness	<input type="checkbox"/>
10. Estimate material quantities using standard packaging units	<input type="checkbox"/>
11. Record measurements and calculations accurately and to the required level of detail	<input type="checkbox"/>
12. Recognise typical faults that can occur while taking measurements, and take corrective action	<input type="checkbox"/>
13. Note problems and report non-routine problems to designated personnel	<input type="checkbox"/>