



Australian Government

Assessment Requirements for MSFGN2001

Make measurements and calculations

Release: 2

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Modification History

Release 2. Supersedes and is equivalent to MSFGN2001 Make measurements and calculations (Release 1).

Release 1. New unit of competency

Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements, performance criteria, and foundation skills of this unit, which must include the ability to:

- work from specific project plans or briefs to accurately determine and cost the quantities of materials or products for a minimum of three different projects.

In the course of determining and costing the above projects, the person must:

- record estimation of results that may be obtained
- use measuring, calculating, and recording devices
- check and record results.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- purpose for measuring and calculating in workplace context
- mathematical principles and problem-solving strategies to make basic measurements and calculations
- uses and limitations of the following measuring equipment:
 - calculators
 - calipers
 - computers
 - laser or equivalent technology
 - rulers
 - squares
 - tapes measures
 - weighing scales
- workplace procedures and protocols relating to:
 - handling materials and products while undertaking measurement to minimise damage
 - recording and reporting outcomes of measurement and calculation
 - reporting non-routine problems
 - quality standards

- requirements of working with others in a team

Assessment Conditions

Assessment must occur in the workplace, or in a simulated environment that reflects workplace conditions and contingencies.

Access is required to:

- project plans and briefs
- measuring and calculating equipment specified in the knowledge evidence
- recording equipment required to demonstrate the performance evidence
- quality standards and enterprise procedures.

Assessors of this unit must satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volume implementation guides are found in VETNet -

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