



Australian Government

Assessment Requirements for FWPCOT3214 Take off material quantities

Release: 1

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Modification History

Release	Comment
1	<p>Replaces equivalent unit FPICOT3214B Take off material quantities, which was first released with FPI11 Forest and Forest Products Training Package Version 2.2.</p> <p>This is the first release of this unit in the new standards format.</p> <p>Assessment requirements now specify the performance and knowledge evidence, as well as assessment conditions for this unit of competency. These sections simplify and replace components used in the previous unit format, including Required Skills and Knowledge, Evidence Guide and Range Statement</p>

Performance Evidence

A person demonstrating competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit. If a specific volume or frequency is not stated below, then evidence must be provided that the following requirements have been performed on at least one occasion:

- determine final material quantities and pricing from at least two original designs in line with an individual set of specifications for each job
- for each of the above jobs, complete and maintain accurate records of all calculations, material quantities, usage and pricing.

Knowledge Evidence

A person competent in this unit must be able to demonstrate knowledge of:

- typical categories of different timber based construction materials listed in itemised tables and applicable terminology
- range of industry standard lengths and sheet sizes and applicable terminology
- methods used to calculate:
 - wastage
 - lineal metres
 - cubic metres
 - unit numbers
- industry and specific organisational:

- quantifying processes
- sources of costs for materials
- formats for tables for listing and categorising materials
- organisational procedures for preparing and documenting material quantities and pricing.

Assessment Conditions

The following resources must be made available:

- computers, keyboards and printers
- industry current software programs used to determine final material quantities and pricing from estimates
 - initial designs and production specifications on which to base final material requirements and prices:
 - sketches, drawings and notes
 - components lists
 - dimensional and detailing data
 - customer requirements
- in-house material price lists, product description sheets or manuals; either electronic or hard copy
- template tables for listing and categorising materials
- organisational procedures for preparing and documenting material quantities and pricing:

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Assessor requirements

Assessors must:

- hold the appropriate assessor competency standards as outlined in regulations; and
- be able to demonstrate vocational competencies at least to the level being assessed; and
- be able to demonstrate how they are continuing to develop their VET knowledge and skills as well as maintaining their industry currency and assessor competence.
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Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>