



Australian Government

Assessment Requirements for FWPCOT3304 Take off material quantities

Release: 1

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Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 6.0.

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has taken off materials for a minimum of two different timber product designs, and has:

- identified material types, quantities and dimensions from production specifications
- created a take-off list to meet job requirements and minimise waste
- calculated cost of listed materials
- completed records of all calculations, material quantities, usage and pricing.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- categories of different timber-based construction materials:
 - panels
 - sawn timber
 - laminated timber
 - timber species
 - manufactured timber
 - surface treated and finished
- timber fabrication industry standard material lengths and sheet sizes
- methods and processes used to:
 - calculate material quantities
 - minimise wastage
 - format for listing and categorising materials
- workplace policies and procedures to:
 - source cost of materials

- prepare, document and save material quantities and pricing.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a timber product design or fabrication facility or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - access to work orders, workplace policies and procedures and relevant workplace price lists for material costs
 - digital equipment and software to calculate, compile and save take-off material lists and costing documentation, if applicable according to workplace procedures.

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

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>