



Australian Government

**Assessment Requirements for
FWPCOT3305 Interpret and quote from
manufactured timber product plans**

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 prepared a quotation for two different projects, each with a minimum area of 100 square metres as below:

- a timber wall frame, and
- either a timber floor truss or a timber roof truss, each of which must incorporate a minimum of two different truss types.

For each project there must be evidence that the individual has:

- conveyed technical information from plans and specifications in written, sketch or oral form
- accurately determined the size, section and length of materials manually or using a software program
- prepared and saved/filed a quotation in full
- produced and presented quotations within designated timeframes.

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:

- building standards and codes relevant to timber floor trusses, timber roof trusses and timber wall frames:
 - spans and sectional sizes
 - load-bearing details
 - wind bracing and tie down requirements
 - relationship between component loads and supports and spans
- workplace policies and procedures relating to quoting manufacture of timber products:
 - cost inclusions

- calculating and formatting quotations
- sources of material and labour costs
- common industry terminology for components of timber wall frames, roof and floor trusses
- processes, procedures and techniques of quoting:
 - methods to manually calculate quantities using tables and calculators
 - preparing and documenting computerised quotations
 - software programs to calculate quantities and costings

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 systems design or fabrication facility or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - computer with building design industry and current business software programs
 - calculators
- specifications:
 - access to current building codes and standards relevant to frame and truss fabrication
 - access to workplace project quotation templates
 - access to design plans, technical specifications and notes for timber wall frames, timber roof and floor trusses on which to base a quotation
 - access to electronic or hard copy current material price lists, product description sheets or manuals

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>