



Australian Government

**Assessment Requirements for
FWPCOT3220 Quote and interpret from
computerised timber manufactured product
plans**

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Modification History

Release	Comment
1	Replaces equivalent unit FPICOT3220B Quote and interpret from computerised timber manufactured product plans, which was first released with FPI11 Forest and Forest Products Training Package Version 2.2. This is the first release of this unit in the new standards format. 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

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:

- interpret plans, loading conditions and technical information and conveying information in written, sketch and oral form
- use a scientific calculator and appropriate computer software to estimate truss, beam and frame materials and quantities
- produce quotations within designated timeframes

Knowledge Evidence

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

- applicable building and structural regulations for timber wall frames, roof and floor trusses
- common industry terminology for all components of timber wall frames, roof and floor trusses
- common industry standard layouts, spacing and sizing dimensions of individual members for timber wall frames, roof and floor trusses
- relationship between component loads and supports and spans
- for the software:
 - system functions and capabilities

- methods to input and amend design factors and other data
- methods used to estimate truss, beam and frame materials and quantities
- methods to store and retrieve quotations and other data
- industry and specific organisational:
 - computerised quotation processes for timber wall frames, roof and floor trusses
 - sources of costs for materials and labour to manufacture
 - formats for and inclusions of quotations
- organisational procedures for preparing and documenting computerised quotations for timber wall frames, roof and floor trusses.

Assessment Conditions

The following resources must be made available:

- computers, keyboards and industry current software programs used to produce quotations for timber wall frames, roof and floor trusses
- designs, plans, technical specifications and notes for timber wall frames, roof and floor trusses on which to base quotation
- in-house material price lists, product description sheets or manuals; either electronic or hard copy
- template documents for recording calculations and quotations
- sample production and installation advice documents
- organisational procedures for preparing and documenting computerised quotations for timber wall frames, roof and floor trusses.

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.

Links

Companion Volume implementation guides are found in VETNet -

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