



**Australian Government**

**Assessment Requirements for  
FWPTMM3204 Interpret designs to  
prepare timber roof truss drawings and  
documents using computers**

**Release: 1**

# Assessment Requirements for FWPTMM3204 Interpret designs to prepare timber roof truss drawings and documents using computers

## Modification History

Release	Comment
1	<p>Replaces equivalent unit FPITMM3204A Interpret designs to prepare timber roof truss drawings and documents using computers, 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.</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:

- follow organisational policies and procedures relevant to interpreting plans and designs to prepare roof truss drawings and production documents using computers
- prepare roof truss drawings and production documents suitable for manufacture of roof trusses

## Knowledge Evidence

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

- content and application of industry and organisational codes and standards for timber roof trusses including
  - Building Code of Australia
  - Australian Standards
  - organizational quality standards
- limits of ability and authority with respect to non-conforming design
- roof trusses including:
  - A Type truss

- Truncated standard truss
- Girder truss
- Truncated girder
- Jack truss
- Rafter truss
- Gable truss
- Saddle truss
- Raking truss
- common industry standard sizes, profiles and spacing dimensions
- shapes of common roof types:
  - bell
  - bowstring
  - dual pitch
  - gabled
  - hipped
  - mansard
  - skillion
- for the drawing software:
  - available drawing types
  - design limitations
  - system functions and capabilities
  - methods to input and amend design factors and other data
  - methods to store and retrieve drawings
- organisational policies and procedures specific to producing drawings and documents using computers:
  - workplace health and safety
  - communication reporting lines for internal and external stakeholders
  - filing computerised drawings and documentation

## Assessment Conditions

The following resources must be made available:

- computers, keyboards and industry current software programs used to produce drawings and documentation for roof truss layouts
- industry and organisational codes and standards for roof trusses
- designs, plans and technical specifications for roof trusses
- relevant personnel for the purposes of communicating information
- documents, spreadsheets and commonly used proforma documents
- organisational policies and procedures for producing drawings and documents using computers

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>