



Australian Government

Assessment Requirements for FWPCOT3303 Prepare sketches and drawings

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 sketches and drawings for two different timber projects from the list below:

- timber floor truss
- timber wall frame, or
- timber roof truss.

One project must be a 2-dimensional and one must be a 3-dimensional drawing.

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

- interpreted structural details, design and measurements from construction plans
- applied drawing conventions to the sketches and drawings, and followed relevant workplace policies and procedures for producing, retaining and supplying sketches and drawings
- prepared sketches and drawings that clearly represent intended design of project.

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:

- types of sketches and drawings used in timber frame and truss production:
 - isometric
 - orthographic
 - oblique
 - perspective
- drawing conventions and meaning:
 - title block
 - symbols and abbreviations

- line types
- dimension lines
- hatching
- scale
- details
- ways of incorporating features in sketches and drawings:
 - base lines
 - datum points
 - views and projections
 - details
 - dimensions and tolerances
 - instructions and notes
 - product and production symbols
- workplace policies and procedures related to producing, saving and supplying sketches and drawings
- drawing terminology
- methods of preparing, retaining and supplying sketches and drawings:
 - manual
 - electronic.

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 workplace or a simulated environment that accurately represents workplace conditions
- resources, equipment and materials:
 - manual or electronic drawing equipment and drawing materials
- specifications:
 - access to construction plans and specifications to inform sketches and drawings
 - access to work order or instruction detailing required projects for drawing.
- relationships:
 - person(s) to seek clarification from or confirm design details.

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>

