



Australian Government

Assessment Requirements for FWPTMM3213 Read and interpret timber truss or wall frame fabrication 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 interpreted fabrication information for one of the following and developed a project specification:

- a timber floor truss project, including:
 - span, spacing and position of joists
 - joist type and component sectional sizes
 - bearer and joist type
 - load-bearing requirements
 - cutting requirements
 - specified tie down and bracing requirements
 - metal nail/connector plates
 - special specified requirements
- a timber wall frame project, including:
 - type of construction and number of storeys
 - frame components and spacing, opening sizes and bracing details
 - wind bracing details
 - component types and component cutting list
 - load-bearing requirements
 - requirements for ribbon plates
 - specified tie down, bracing and connection details
- a timber roof truss project, including:
 - type of roof construction
 - floor plan dimensions and wall locations and truss spans
 - truss type and component sectional sizes
 - specified tie down and bracing requirements

- metal nail/connector plates
- special specified requirements.

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:

- key features of truss or frame fabrication plans:
 - fabrication plans conventions
 - abbreviations, hatching and symbols
 - scale, dimension lines and line types
- terminology used in timber fabrication plans
- truss and frame timber components, metal connections and tie down materials
- units of measurement and allowable component tolerances
- types and features of timber floor and roof trusses and timber wall frames.

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 fabrication facility or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - fabrication plans and cutting lists
- relationships:
 - person to confirm details of fabrication plan.

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>