



Australian Government

FWPTMM4205 Prepare and advise on a broad range of timber roof truss details using computers

Release: 1

FWPTMM4205 Prepare and advise on a broad range of timber roof truss details using computers

Modification History

Release	Comment
1	Replaces equivalent unit FPITMM4205A Prepare and advise on a broad range of timber roof truss details 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.

Application

Release	Comment
1	Replaces equivalent unit FPITMM4205A Prepare and advise on a broad range of timber roof truss details 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.

Pre-requisite Unit

Nil

Unit Sector

Timber Manufactured Products

Elements and Performance Criteria

<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions.</i>
1. Interpret plans or designs and create layouts	1.1 Identify and verify design inputs. 1.2 Check computer software for currency and use to prepare roof truss layouts and production documentation. 1.3 Resolve design requirements outside software limitations.

2. Review and test design options	2.1 Review and test roof truss layouts for optimal suitability for stakeholders. 2.2 Use effective processes to optimise roof truss layout and ensure stakeholder objectives are met.
3. Provide advice on design, production and installation issues	3.1 Prepare and document production and installation advice. 3.2 Communicate documented advice to all stakeholders, prior to and following installation.
4. Manage roof truss outputs	4.1 Certify roof truss design layouts in line with regulatory and organisational requirements and communicate to relevant stakeholders. 4.2 Store and maintain drawings and documentation in line with organisational procedures.

Foundation Skills

This section describes those core and employment skills that are essential to performance and are not explicit in the performance criteria.

- interpret numerical data from designs and plan specifications involving height, length, angles, shape, pitch and load
- input accurate numerical data into software systems.
- interpret detailed and unfamiliar designs, plans and technical specifications.
- input accurate written text into software systems
- produce accurate and detailed documents to support interpretation of drawings and assist with production and installation.
- plan and organise own work in logical sequence and manage own timing and productivity to complete drawings and documents within deadlines.
- recognise software design limitations and resolve.
- work as part of an internal and external design and construction team to produce compliant drawings and production documents.
- use a computer, keyboard and custom software to complete roof truss drawings, production and installation documents.

Range of Conditions

Not Applicable

Unit Mapping Information

FPITMM4205A Prepare and advise on a broad range of timber roof truss details using computers

Links

Companion Volume implementation guides are found in VETNet -

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