



Australian Government

**FWPTMM3205 Interpret designs to
prepare timber floor system drawings and
documents using computers**

Release: 1

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Modification History

Release	Comment
1	Replaces equivalent unit FPITMM3205A Interpret designs to prepare timber floor system 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.

Application

This unit of competency describes the outcomes required to interpret designs and plans to produce a limited range of floor system drawings and production documents using computers in a timber production or design setting.

The unit applies to Designer, Timber Manufactured Products Technician, Production Supervisor.

No licensing, legislative, regulatory, or certification requirements apply to this unit at the time of publication.

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>
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1. Interpret plans and designs	<p>1.1 Gather information about designs and plans, design factors and specifications.</p> <p>1.2 Access and interpret industry and organisational codes and standards to ensure production of compliant drawings and production documents.</p> <p>1.3 Identify stakeholders and consult where clarification is needed.</p>
2. Create floor systems	<p>2.1 Design floor systems to ensure compliance with identified standards.</p> <p>2.2 Check computer software for currency.</p> <p>2.3 Input applied loads and data to software.</p> <p>2.4 Identify load transfers and load bearing points.</p> <p>2.5 Input floor area and create floor systems layout.</p> <p>2.6 Refer design requirements outside software limitations to appropriate personnel for resolution.</p>
3. Review floor system layouts	<p>3.1 Identify available materials and other production efficiencies and amend designs.</p> <p>3.2 Review designs to ensure identified standards are maintained.</p> <p>3.3 Follow organisational procedures to refer design variations to relevant stakeholders where design varies from identified standards.</p>
4. Create outputs	<p>4.1 Prepare drawings and documentation in line with identified standards.</p> <p>4.2 Store drawings and documentation and communicate to relevant stakeholders.</p>

Foundation Skills

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

Numeracy skills to:	<ul style="list-style-type: none"> interpret numerical data from designs and plan specifications involving area, angles and load identify and interpret numerical requirements within industry and organisational codes and standards input accurate numerical data into software systems recognise and interpret computer outputs of non-conforming measurements.
Oral communication	<ul style="list-style-type: none"> ask questions and actively listen to clarify contents of designs,

skills to:	<ul style="list-style-type: none">plans and technical specificationsclearly articulate reasons for variations from industry and organisational codes and standards.
Reading skills to:	<ul style="list-style-type: none">interpret:<ul style="list-style-type: none">WHS procedures, industry and organisational codes and standardsdesigns, plans and technical specifications.
Writing skills to:	<ul style="list-style-type: none">input accurate written text into software systemsproduce of accurate and detailed documents to support interpretation of drawings and assist with production.
Planning and organising skills to:	<ul style="list-style-type: none">plan and organise own work in logical sequence and manage own timing and productivity to complete drawings and documents within deadlines.
Problem-solving skills to:	<ul style="list-style-type: none">recognise software design limitations and non-conforming designs and refer to others for resolution.
Teamwork skills to:	<ul style="list-style-type: none">work as part of an internal and external design and construction team to produce compliant drawings and production documents.
Technology skills to:	<ul style="list-style-type: none">use a computer, keyboard and software to complete floor system drawings and production documents.

Range of Conditions

Not Applicable

Unit Mapping Information

FPITMM3205A Interpret designs to prepare timber floor system drawings and documents using computers

Links

Companion Volume implementation guides are found in VETNet -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>