



Australian Government

Assessment Requirements for FWPTMM5204 Manage product design

Release: 1

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Modification History

Release	Comment
1	Replaces equivalent FPITMM5204B Manage product design, 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. 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

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:

- manage product design in line with design criteria and performance targets that includes establishment, planning, implementing and monitoring the process
- determine, document and communicate key success indicators for the whole job and individual staff targets and performance indicators
- produce a written design work plan
- complete a basic report on the design process and problems encountered.

Knowledge Evidence

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

- content and application of applicable regulations for certifying final designs
- project management principles
- planning processes for a design job
- common products for which designs are produced, their features, use and individual design components
- design capacity of equipment and systems
- skill capabilities of design team members

- ways of breaking up design tasks into manageable parts for design teams members and methods to coordinate whole of job outcomes
- key success and performance indicators for design activities and methods of communicating these to team members:
 - producing designs in the time allocated
 - meeting specified design criteria
 - minimising the impact of production on the environment
- format, content and use of:
 - design work plans
 - final designs
 - certification documents
 - records for performance management of team members
 - reports on design processes and problems
- methods to monitor and respond to team performance:
 - assessing skill capability and outputs
 - mentoring and coaching
 - conflict resolution and staff counselling
- organisational procedures for managing product designs:
 - communication reporting lines for design team
 - staff counselling
 - documenting design work plans and reports
 - certifying designs

Assessment Conditions

The following resources must be made available:

- computers, keyboards, printers and software used to document plans and reports
- comprehensive information about the operation of a real or simulated design job to manage plans and outcomes
- template design work plans, reports and certification documents
- organisational procedures for managing product designs
- a design team with whom the individual can interact
- relevant personnel for the purposes of communicating information

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.

Links

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