



Australian Government

Assessment Requirements for FWPTMM4216 Plan for and supervise engineered wood product operations

Release: 1

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Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 8.0.

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 planned for and supervised two production cycles for one engineered wood product selected from:

- plywood
- laminated veneer lumber (LVL)
- particleboard
- medium-density fibreboard (MDF)
- cross laminated timber (CLT)
- glue laminated timber (GLT)
- finer jointed product.

In performing this task, the individual has:

- communicated effectively and coordinated personnel to follow planning, workplace health and safety and environmental protection practices and/or procedures and scheduling for engineered wood product production
- complied with legislation, standards and codes of practice relevant to production of engineered wood products
- monitored engineered wood product production outcomes and identified and rectified production and equipment problems and faults
- modified production methods and schedules for engineered wood product production
- monitored implementation of quality processes and chain of custody requirements
- recorded and reported production information, including output, quality and faults
- evaluated wood-based product production and suggested one process improvement.

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 requirements of legislation, standards and codes of practice relevant to production of engineered wood products
- hazards and associated risks with engineered wood product production process, and risk control strategies as identified through risk assessments, manufacturer technical information, regulations and industry health and safety guides
- workplace procedures, policies and site standards specific to planning and supervising production of engineered wood product, including:
 - health and safety, including personal protective equipment (PPE)
 - environmental protection, including safe disposal of waste material
 - quality assurance, including chain of custody requirements
 - communication channels and protocols to communicate with team members
 - recording and reporting information on production, quality, workplace health and safety and equipment faults
- types, characteristics, grades and uses of engineered wood product relevant to workplace environment
- stages and production processes used for engineered wood product
- types, uses and operation of plant, machinery and equipment used in production of engineered wood product
- methods for problem identification, including equipment failures at process stages, bottlenecks in production process and product variations, and resolution strategies
- process improvement for engineered wood product operations, including:
 - data
 - methods
 - participative approaches
 - communication.

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 an engineered wood product manufacturing plant or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - engineered wood product processing plant and equipment
 - timber supplies
 - computers, keyboards, printers and software used to prepare planning and production documents
 - PPE relevant to engineered wood product operations

- specifications:
 - production schedule, quality and output data for engineered wood product from production facility
 - workplace procedures for engineered wood product production
 - workplace health and safety and environmental protection policies and/or procedures applicable to engineered wood product production
- relationships:
 - work team for communicating requirements related to engineered wood product operations.

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>