



**Australian Government**

# **FWPTMM4216 Plan for and supervise engineered wood product operations**

**Release: 1**

# FWPTMM4216 Plan for and supervise engineered wood product operations

## Modification History

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

## Application

This unit of competency describes the skills and knowledge required to plan, coordinate and evaluate the manufacture of engineered wood products, including plywood, laminated veneer lumber (LVL), particleboard, medium-density fibreboard (MDF), cross laminated timber (CLT), finger jointed product and glue laminated timber (GLT) production.

The unit applies to personnel responsible for planning and supervising the manufacturing of engineered wood products including plywood, LVL, particleboard, MDF, CLT and GLT.

All work must be carried out to comply with workplace procedures, according to state/territory health and safety regulations, legislation and standards that apply to the workplace.

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

## Pre-requisite Unit

Nil

## Unit Sector

Timber Manufactured Products (TMM)

## Elements and Performance Criteria

| Elements                                             | Performance Criteria                                                                                                                                                           |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Elements describe the essential outcomes.</i>     | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>                                                                         |
| 1. Prepare for production of engineered wood product | 1.1 Review production schedule and confirm production targets, specifications and performance indicators<br>1.2 Confirm workplace health and safety, quality and environmental |

| <b>Elements</b>                                              | <b>Performance Criteria</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Elements describe the essential outcomes.</i>             | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                              | <p>protection practices and procedures</p> <p>1.3 Identify hazards and associated risks, and implement corrective actions according to workplace procedures</p> <p>1.4 Confirm legislation, standards and codes of practice relevant to production of engineered wood products</p> <p>1.5 Inspect raw materials, identify possible production and quality implications, and communicate variations to production methods to team members</p> <p>1.6 Communicate production schedule, including production targets, specifications and performance indicators, to team members</p> <p>1.7 Maintain communication with team members to ensure production schedule and workplace health and safety, environmental protection and quality practices and/or procedures are met</p>                                                                                   |
| 2. Supervise production of engineered wood product           | <p>2.1 Monitor workflow and production, and check that targets, performance indicators and product specifications are met</p> <p>2.2 Assist team members to evaluate engineered wood product, identify faults and rectify or report production problems</p> <p>2.3 Monitor implementation of quality processes and chain of custody requirements</p> <p>2.4 Evaluate effectiveness of production processes at key points</p> <p>2.5 Modify production processes or schedules, as required, to ensure optimum performance</p> <p>2.6 Monitor implementation of processes for reuse, recycling or disposal of sub-standard engineered wood product</p> <p>2.7 Respond to breakdowns, disruptions to production and unplanned events according to workplace procedures</p> <p>2.8 Direct engineered wood product to storage or transfer for further processing</p> |
| 3. Oversee maintenance and inventory management requirements | <p>3.1 Monitor implementation of routine and preventative maintenance and cleaning requirements</p> <p>3.2 Maintain product and material inventory levels to meet production and contingency requirements</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

| Elements                                          | Performance Criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Elements describe the essential outcomes.</i>  | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 4. Evaluate production of engineered wood product | <p>4.1 Analyse data and observations on production, operations, faults and output to identify opportunities for process improvement</p> <p>4.2 Report on production, health and safety, environment and quality metrics to appropriate personnel according to workplace procedures</p> <p>4.3 Seek comments and feedback from team members to identify opportunities for process improvement</p> <p>4.4 Analyse feasibility of potential process improvements</p> <p>4.5 Document process improvements, and communicate to appropriate personnel according to workplace procedures</p> |

## Foundation Skills

*This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.*

| Skill              | Description                                                                                                                                                                                        |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reading            | <ul style="list-style-type: none"><li>Interpret/analyse technical documents and workplace policies and procedures relevant to the production of engineered wood products</li></ul>                 |
| Writing            | <ul style="list-style-type: none"><li>Complete workplace documents on routine and non-routine matters for a variety of audiences</li></ul>                                                         |
| Oral communication | <ul style="list-style-type: none"><li>Use appropriate vocabulary to communicate on technical and work team performance matters related to the production of engineered wood products</li></ul>     |
| Numeracy           | <ul style="list-style-type: none"><li>Analyse statistical data on production, quality, health and safety and environmental protection relevant to production of engineered wood products</li></ul> |

## Unit Mapping Information

| Code and title current version    | Code and title previous version | Comments                                             | Equivalence status |
|-----------------------------------|---------------------------------|------------------------------------------------------|--------------------|
| FWPTMM4216 Plan for and supervise | Not applicable                  | The unit has been created to address a skill or task | Newly created      |

|                                    |  |                                                              |  |
|------------------------------------|--|--------------------------------------------------------------|--|
| engineered wood product operations |  | required by industry that is not covered by an existing unit |  |
|------------------------------------|--|--------------------------------------------------------------|--|

## Links

Companion Volumes, including Implementation Guides, are available at VETNet: -  
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>