



Australian Government

FWPWPP4203 Plan and coordinate engineered wood panel production

Release: 1

FWPWPP4203 Plan and coordinate engineered wood panel production

Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 4.0

Application

This unit of competency describes the skills and knowledge required to plan, coordinate and monitor production of engineered wood panels.

The unit applies to individuals who work as production supervisors in an engineered wood panel manufacturing facility. They generally demonstrate autonomy, judgement and limited responsibility in known or changing contexts and within established parameters.

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, regulatory or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Wood Panel Products

Timber Manufactured Products

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. Plan engineered wood panel production	1.1 Review engineered wood panel production schedule, workplace health and safety requirements, environmental protection practices and emergency procedures, and confirm requirements with relevant

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	personnel 1.2 Identify and report hazards and use personal protective equipment according to workplace requirements and health and safety legislation to maintain safe work practices 1.3 Inspect engineered wood panel characteristics and record and report variations to operators 1.4 Plan, schedule and communicate engineered wood panel type, sizes and production methods to operators 1.5 Maintain communication with operators as required, to ensure health and safety and production requirements are met
2. Monitor engineered wood panel production outcomes and record information	2.1 Monitor engineered wood panel production for effective forming, laminating or veneering outcomes and panel condition 2.2 Assist operators to evaluate engineered wood panels, identify faults and rectify production problems 2.3 Develop processes for rejecting and disposing of sub-standard engineered wood panels produced according to site procedures and environmental requirements 2.4 Monitor engineered wood panel production and output management and record possible process improvements
3. Coordinate engineered wood panel production and record information	3.1 Modify production methods or schedules as required, to ensure optimum performance 3.2 Communicate to operators and record production improvement modifications according to site procedures 3.3 Direct produced engineered wood panels to storage or transfer for further processing 3.4 Record and report engineered wood panel production data, output data, quality data and equipment faults according to record keeping procedure and site requirements

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
Writing	• Complete operating logs and cutting records
Numeracy	• Interpret numerical data displayed on screens
Navigate the world of work	• Source, collect and organise data to inform product assembly schedules and process improvement
Interact with others	• Take responsibility for coordinating a team of operators for effective assembly operations
Get the work done	• Take responsibility for planning and organising own workload • Identify and rectify faults during the engineered wood panel production process • Consider how to schedule different production jobs

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPWPP4203 Plan and coordinate engineered wood panel production	FWPWPP4201 Plan and coordinate panel production	Updated industry terminology, workplace health and safety requirements and foundation skills; clarified intent of the unit and assessment requirements; changed unit title and code for compliance and consistency with the updates.	Equivalent unit

Links

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

Assessment Requirements for FWPWPP4203 Plan and coordinate engineered wood panel production

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Performance Evidence

An individual demonstrating competency in this unit must satisfy all of the elements and performance criteria of this unit. There must be evidence that, on at least one occasion, the individual has:

- planned and coordinated engineered wood panel production according to workplace health and safety requirements and environmental procedures
- monitored engineered wood panel production outcomes and identified and rectified production and equipment problems and faults
- recorded and reported production information including output, quality and faults
- modified production methods and schedules for engineered wood panel production
- communicated effectively and coordinated personnel to follow the planning, communications and scheduling required for the engineered wood panel production.

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:

- workplace health and safety procedures, including personal protective equipment (PPE), site procedures, policies and site standards relevant to planning and coordinating engineered wood panel production
- environmental protection requirements, including the safe disposal of waste material
- hazards and risks associated with the engineered wood panel production process, and risk control strategies as identified through risk assessments, manufacturer technical information, regulations and industry health and safety guides
- types of engineered wood panels, including laminated, veneered, plywood, chipboard, fibreboard, medium density fibreboard; and characteristics, including panel type, size, surface treatment, thickness and grade
- engineered wood panel production methods, including:
 - mat-forming
 - daylight press process

- board laminating
- pressing laminated ply
- applying laminates or veneers
- establishing communication channels and protocols used to communicate with relevant operators
- problem identification and resolution strategies and common fault-finding techniques
- procedures for recording and reporting production, quality and fault information.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - computers, keyboards, printers and software used to prepare planning and production documents
 - PPE required for planning and coordinating engineered wood panel production
- specifications:
 - engineered wood panel production schedule
 - process improvement reports
 - record for equipment faults
 - workplace health and safety and emergency procedure for engineered wood panel production
 - environmental protection procedures
 - manual or computer-based information recording systems for recording production, quality and fault information
- relationships:
 - relevant personnel for the purposes of communicating information.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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