Modification history

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

| UNIT CODE | FWPWPP4XXX Plan and coordinate engineered wood panel production |
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| Application | This unit of competency describes the skills and knowledge required to plan, coordinate and monitor a production of engineered wood panels. The unit applies to individuals who work as production supervisors in a 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. |
| Prerequisite Unit | Nil |
| Unit Sector | Wood Panel ProductsTimber Manufactured Products |

| Elements | Performance Criteria |
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| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1. Plan engineered wood panel production | 1.1 Review engineered wood panel production schedule, workplace health and safety requirements, environmental protection practices, emergency procedures and confirm requirements with relevant personnel1.2 Identify and report hazards and use personal protective equipment (PPE) in line with workplace requirements and health and safety legislation to maintain safe work practices1.3 Inspect engineered wood panel characteristics and record and report variations to operators1.4 Plan, schedule and communicate engineered wood panel type, sizes and production methods to operators1.5 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 condition2.2 Assist operators to evaluate engineered wood panels, identify faults and rectify production problems2.3 Develop processes for rejecting and disposing of sub-standard engineered wood panels produced in line with site procedures and environmental requirements2.4 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 performance3.2 Communicate to operators and record production improvement modifications in line with site procedures3.3 Direct produced engineered wood panels to storage or transfer for further processing3.4 Record and report engineered wood panel production data, output data, quality data and equipment faults in line with record keeping procedure and site requirements |

| Foundation SkillsThis 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. |
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| Skill | Description |
| Writing  | * complete operating logs and cutting records
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| Numeracy  | * interpret numerical data displayed on screens
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| Navigate the world of work | * source, collect and organise data to inform product assembly schedules and process improvement
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| Interact with others | * take responsibility for coordinating a team of operators for effective assembly operations
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| 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
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| Unit Mapping Information |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| FWPWPP4XXX 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  |

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

| TITLE | Assessment requirements for FWPWPP4XXX Plan and coordinate engineered wood panel production |
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| Performance Evidence |
| An individual demonstrating competency must satisfy all of the elements, performance criteria and foundation skills of this unit. There must be evidence that, on at least one occasion, the individual has:* safely and efficiently planned and coordinated engineered wood panel production in line with 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: output, quality, faults
* modified production methods and schedules for engineered wood panel production
* communicated effectively and coordinated personnel to follow planning, communications and scheduling for engineered wood panel production.
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| Knowledge Evidence |
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| 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, 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
* panel types: laminated, veneered, plywood, chipboard, fibreboard, medium density fibreboard, cross laminated timber
* engineered wood panel characteristics: panel type, size, surface treatment, thickness, grade
* engineered wood panel production methods: mat forming, daylight press process, board laminating, pressing laminated ply, pressing laminated timber into cross laminated timber, applying laminates or veneers
* established 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.
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| Assessment Conditions |
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| 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
* personal protective equipment required for planning and coordinating engineered wood panel production
* a diverse, commercial range of engineered wood panels
* 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. |

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