Modification history

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| Release | Comments |
| Release 2 | This version released with FWP Forest and Wood Products Training Package Version 4.0.  Version created to update foundation skills and clarify intent of unit in application. |
| Release 1 | This version replaces equivalent unit FPITMM5206B Plan production, 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. |

| UNIT CODE | FWPTMM5206 Plan production |
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| Application | This unit of competency describes the skills and knowledge required to plan and monitor production in a timber manufacturing facility.  The unit applies individuals who manage or supervise production. 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 | Timber 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. Establish production requirements | 1.2 Interpret data from sales and market forecasts for inclusion in production plan  1.3 Analyse specifications and supporting data  1.4 Project requirements for product quantity, raw materials, quality and performance characteristics  1.5 Analyse and check production capacity of machines and personnel  1.6 Assess resources, including raw material supply requirements for production line |
| 2. Prepare production plan | 2.1 Review production procedures for suitability to planned schedule  2.2 Source and check information to include in production plan  2.3 Prepare production plan in line with workplace formats  2.4 Evaluate inefficiencies and constraints and amend final plan to incorporate improvements |
| 3. Monitor implementation and modify plan | 3.1 Obtain and record production output details in line with workplace procedures  3.2 Monitor and evaluate production and output against plan to ensure production performance is efficient and effective  3.3 Record and action process improvements based on construction plans, components and hardware utilised  3.4 Modify plans to reflect stock, machine and human resource requirements or variations  3.5 Coordinate implementation of plan variations to ensure changed instructions and specifications are followed  3.6 Maintain production planning records and complete reports in line with workplace procedures |

| 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. | |
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| Skill | Description |
| Numeracy | * interpret and calculate complex numerical data to establish and vary production plans: * sales forecasts * production capacity and output of personnel and machines |
| Navigate the world of work | * understand main tasks, responsibilities and boundaries of own role |
| Interact with others | * use modes of communication suitable to purpose to confirm and clarify understanding |
| Get the work done | * source, collect and organise data to inform production plans * plan and manage own timing and productivity to complete initial and amended production plans * use a computer, keyboard and software to prepare plans and reports |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| FWPTMM5206 Plan production | FWPTMM5206 Plan production | Clarified intent of unit in application; updated foundations skills. | 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 FWPTMM5206 Plan 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:   * developed and documented whole of organisation comprehensive written production plans for a timber manufacturing facility * evaluated production and output against productions plans, produced written records of issues and developed modified plans where required. | |

| 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:   * applicable commonwealth, state, territory or local government regulations relevant to production * production planning and evaluation processes * features, at an in-depth level of understanding, of timber products subject to production planning: * product purpose * quantity and quality of materials * construction componentry and standards * construction methods and sequence * types of tools and equipment used for construction * labor requirements * impacts of production process on the environment and environmental protection practices for: * reducing water and energy use * cleaning of plant, tools and equipment * disposing of, recycling and reusing timber and other waste * workplace production capacity of machines and labor * format, content and use of: * sales and market forecasts * production plans * data required for development of production plans: * reports and information on production times * output * employment costs including overtime * business overheads * projected orders * material costs, supply, contractual arrangements and preferred supplier arrangements * distribution times and costs * methods for evaluating production and output against plans and issues to be considered: * speed of output, effective or slow * quality of completed product; finish and dimensional consistency * cost against budgets * labor and machine capacity * out-of-stock and overstock situations * management of suppliers to maintain efficient supply * workplace procedures for documenting plans and reports. |

| 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 document plans and reports * specifications: * comprehensive information about the operation of a real or simulated business to determine production plans * template production plans * workplace procedures for documenting plans and reports * 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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