Modification History

| Release | Comments |
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| Release 1 | This version released with FWP Forest and Wood Products Training Package Version 7.0. |

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| FWP5XX21 | Diploma of Forest Operations |
| Qualification Description  This qualification reflects the job of early-career foresters and forestry field officers with specialist roles in forest operations management and forest resource management.  Individuals with this qualification apply a broad range of advanced technical and management skills and forest knowledge to inform and contribute to forest management plans and manage forestry operations. This includes using industry-specific software, modelling and analysing forestry data and optimising forest management practice to improve production processes and wood flow outcomes.  At this level, individuals are expected to apply autonomy and judgement. They take responsibility for their own outputs at the workplace.  This qualification enables specialisations in:   * Forest Operations Management or * Forest Resource Management.   No licensing, legislative or certification requirements apply to this qualification at the time of publication. | |
| Entry Requirements  There are no entry requirements for this qualification. | |
| Packaging Rules  To achieve this qualification, competency must be demonstrated in:   * 12 units of competency: * 0 core units plus * 12 elective units.   Elective units must ensure the integrity of the alignment between the qualification and Australian Qualification Framework (AQF) and contribute to a valid, industry-supported vocational outcome. Electives can be chosen to provide a general qualification or a qualification with a specialisation.  For the award of the FWP5XX21 Diploma of Forest Operations :   * at least 10 units must be selected from Group A - D of which a maximum of 2 units may be from Group D * 1 unit may be selected from the remaining electives in Groups A to D or from any currently endorsed Training Package or accredited course.   For the award of the FWP5XX21 Diploma of Forest Operations (Forest Operations Management):   * at least 4 units must be selected from Group A * a maximum of 2 units may be selected from Group D * 1 unit may be selected from the remaining electives in Groups A to D or from any currently endorsed Training Package or accredited course.   For the award of the FWP5XX21 Diploma of Forest Operations (Forest Resource Management):   * at least 4 units must be selected from Group B * a maximum of 2 units may be selected from Group D * 1 unit may be selected from the remaining electives in Groups A to D or from any currently endorsed Training Package or accredited course.   Where two specialisations are completed, the award of the qualification would read (for example), Diploma of Forest Operations (Forest Operations Management, Forest Resource Management).  Elective Units  An asterisk (\*) next to the unit code indicates that there are prerequisite requirements which must be met when packaging the qualification. Please refer to the Prerequisite requirements table for details.  Group A: Forest Operations Management  Management Systems   |  |  | | --- | --- | | BSBOPS403 | Apply business risk management processes | | BSBSTR402 | Implement continuous improvement | | BSBWHS515 | [Lead initial response to and investigate WHS incidents](https://aus01.safelinks.protection.outlook.com/?url=https%3A%2F%2Ftraining.gov.au%2FTraining%2FDetails%2FBSBWHS515&data=04%7C01%7Cgdaian%40forestworks.com.au%7Cd770be3b8870485df61208d90b655760%7C95ff684b4ed34b7d8e2d6028cb933a80%7C0%7C0%7C637553352164829047%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C1000&sdata=ovmJViLJ8k0hlYSxOb2PCfu60acMQsrFOuqF8xS5tiQ%3D&reserved=0) | | FWPCOR4XXX | Monitor safety, health and environment policies and procedures | | FWPCOT5XXX | Implement workplace sustainability practices | | FWPFGM5XXX | Implement forest management certification scheme | | FWPFGM5XXX | Contribute to establishment and implementation of forest management systems |   Operational Planning and Contract Management   |  |  | | --- | --- | | BSBFIN501 | [Manage budgets and financial plans](https://aus01.safelinks.protection.outlook.com/?url=https%3A%2F%2Ftraining.gov.au%2FTraining%2FDetails%2FBSBFIN501&data=04%7C01%7Cgdaian%40forestworks.com.au%7Cd770be3b8870485df61208d90b655760%7C95ff684b4ed34b7d8e2d6028cb933a80%7C0%7C0%7C637553352164819052%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C1000&sdata=%2F1cGGjta4v2nOKIg5jHsReQFa1ASdo3nEnpUB8SGb2U%3D&reserved=0) | | BSBOPS402 | Coordinate business operational plans | | FWPFGM5XXX | Contribute to and implement a forest harvesting plan | | FWPFGM5XXX | Contribute to and implement a forest establishment plan | | FWPFGM5XXX | Contribute to and implement a silviculture regime for a plantation | | FWPFGM5XXX | Contribute to and implement a silviculture regime for native forest | | FWPFGM5XXX | Contribute to and implement a forest regeneration plan | | FWPFGM5XXX | Contribute to and implement a forest roading operational plan | | FWPFGM5XXX | Contribute to and implement a biohazard contingency plan | | FWPFGM5XXX | Assist with calculating costs and production targets for forestry operations | | FWPFGM5XXX | Apply principles of forest science to optimise forest management practices | | FWPFGM5XXX | Implement practices to maximise value from wood residues | | PSPPCM007 | Manage contracts | | MEM16010 | [Write reports](https://aus01.safelinks.protection.outlook.com/?url=https%3A%2F%2Ftraining.gov.au%2FTraining%2FDetails%2FMEM16010&data=04%7C01%7Cgdaian%40forestworks.com.au%7Cd770be3b8870485df61208d90b655760%7C95ff684b4ed34b7d8e2d6028cb933a80%7C0%7C0%7C637553352164829047%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C1000&sdata=NaKijE1JqpP81PkWqvvr7S9UV9h%2BtQESMxGiw826Vx0%3D&reserved=0) |   Supply chain   |  |  | | --- | --- | | FWPFGM5XXX | Contribute to management and monitoring of forestry supply chains |   Fire Management   |  |  | | --- | --- | | PUAFIR303\* | Suppress wildfire | | PUAFIR406\* | Develop simple prescribed burn plans | | PUAFIR407 | Interpret and analyse fire weather information | | PUAFIR417\* | Supervise use of machinery in wildfire operations | | PUAFIR501\* | Conduct fire investigation and analysis activities | | PUAFIR509 | Implement prevention strategies | | PUAFIR515\* | Develop complex prescribed burn plans | | PUALAW001 | Protect and preserve incident scene | | PUAOPE016\* | Manage a multi-team sector |   Group B: Forest Resource Management  Forest Valuation and Growth Modelling   |  |  | | --- | --- | | FWPFGM5XXX | Contribute to the planning and conduct of forest valuation | | FWPFGM5XXX | Contribute to selection and application of forest growth models |   Forest Inventory   |  |  | | --- | --- | | CPPSSI4038 | Prepare and present geographic information systems data | | FWPFGM5XXX | Contribute to and implement a forest inventory program | | FWPFGM5XXX | Apply knowledge of forestry contributions to carbon reduction strategies | | FWPFGM5XXX | Interpret and use image data in forestry planning and management | | FWPFGM5XXX | Create digital forestry operational map | | FWPFGM5XXX | Process and interpret harvester and forwarder optimisation data | | FWPFGM5XXX | Create cutting instruction files for forestry harvesters | | FWPFGM5XXX | Plan unmanned aerial vehicle (UAV) collection of forestry data | | FWPFGM5XXX | Quality assure forestry data acquisition by unmanned aerial vehicle (UAV) |   Biodiversity management   |  |  | | --- | --- | | AHCWRK508 | Interpret legislation | | AHCECR502 | Conduct biological surveys | | AHCNRM507 | Manipulate and analyse data with geographic information systems | | FWPFGM5XXX | Analyse ecology of commercial native forests and plantations | | MSS027014 | Apply environmental legislation, codes and standards |   Group C: Stakeholder Engagement and Innovation   |  |  | | --- | --- | | FWPFGM5XXX | Contribute to and implement a community engagement plan | | FWPFGM5XXX | Communicate forestry and forest science with stakeholders and the community | | FWPFGM5XXX | Apply innovative thinking to support forestry best practice |   Group D: Leadership and Personal Effectiveness   |  |  | | --- | --- | | BSBHRM413 | Support the learning and development of teams and individuals | | BSBLDR413 | Lead effective workplace relationships | | BSBLDR414 | Lead team effectiveness | | BSBPEF301 | Organise personal work priorities |   Prerequisite requirements  Units listed in the Prerequisite requirement column that have their own prerequisite requirements are shown with an asterisk (\*)   |  |  | | --- | --- | | Unit of competency | Prerequisite requirement | | PUAFIR303 Suppress wildfire | PUAFIR204 Respond to wildfire | | PUAFIR204 Respond to wildfire | PUAFIR210 Prevent injury | | PUAFIR417 Supervise machinery use in wildfire operations | PUAFIR303 Suppress wildfire | | PUAFIR515 Develop complex prescribed burn plans | PUAFIR303 Suppress wildfire | | PUAFIR406 Develop simple prescribed burn plans | PUAFIR303 Suppress wildfire | | PUAOPE016 Manage a multi-team sector | One of the following  PUAFIR302 Suppress urban fire  PUAFIR303 Suppress wildfire | | PUAFIR501 Conduct fire investigation and analysis activities | PUALAW001 Protect and preserve incident scene | | |

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| Qualification Mapping Information   | Code and title current version | Code and title previous version | Comments | Equivalence status | | --- | --- | --- | --- | | FWP5XX21 Diploma of Forest Operations | FWP50116 Diploma of Forest and Forest Products |  | Not equivalent | |
| Links  Companion Volumes, including Implementation Guides, are available at VETNet: <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47> |