Modification history

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

| FWPFGM4XXX | Plan for and coordinate forest establishment operations |
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| Application | This unit of competency describes the skills and knowledge required to plan and coordinate forestry operations for establishing or re-establishing a section of native forest or plantation, either in a monoculture or multiple-use environment.  The unit applies to individuals involved in planning and supervising forest establishment operations.  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. |
| Prerequisite Unit | Nil |
| Unit Sector | Forest Growing and Management (FGM) |

| 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. Prepare for implementation of forest establishment operations | 1.1 Review forest establishment plan  1.2 Confirm local authority coverage, forest boundaries and forest design plan  1.3 Confirm forest location  1.4 Check land use zoning and planning permits for approval status  1.5 Check site environmental protection measures |
| 2. Coordinate forest establishment operations | 2.1 Confirm forest establishment method  2.2 Confirm type and availability of species for establishment  2.3 Review site characteristics and how this will impact forest establishment  2.4 Schedule personnel, activities, materials and equipment  2.5 Direct personnel undertaking establishment activities  2.6 Ensure personnel engaged in establishment activities comply with safety, environmental, legislative and workplace requirements  2.7 Coordinate implementation of forest establishment plan including planting strategy |
| 3. Monitor and review forest establishment operations | 3.1 Inspect implementation of environmental protection measures for the landscape, soil and drainage  3.2 Communicate with operational staff, clients and contractors during the establishment phase to ensure smooth operation and progress  3.3 Monitor operational activities for potential improvements  3.4 Record and report on implementation of forest establishment operations |

| 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 |
| Reading | * Interpret familiar and detailed organisational policies and procedures and complex documents such as forest establishment plans |
| Writing | * Produce detailed reports on the outcomes of forest establishment activities |
| Oral communication | * Ask open and closed questions and use active listening techniques to gather information related to forest establishment activities |
| Numeracy | * Use mathematical skills to estimate and calculate area, perimeter, quantities and time required to complete tasks |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| FWPFGM4XXX Plan for and coordinate forest establishment operations | FWPFGM4201 Implement a forest establishment plan | New Title  Revised Elements and Performance Criteria  New description provided for Foundation Skils  Revised Performance and Knowledge Evidence  Revised Assessment Conditions in line with requirements of Standards for Training Packages | Not equivalent |

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

| TITLE | Assessment requirements for FWPFGM4XXX Plan for and coordinate forest establishment operations |
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| Performance Evidence | |
| An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.  There must be evidence that the individual has:   * planned, coordinated and monitored the implementation of forest establishment operations in one native forest or plantation according to workplace policies and procedures * coordinated personnel to undertake forest establishment activities in the native forest or plantation identified above * reported on the outcomes of forest establishment operations in the native forest or plantation identified above. | |

| 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:   * environmental protection requirements for the establishment of a forest, including the following: * ground growth * canopy * general forest lean * wind speed and direction * fallen trees * density of trees * ground slope * soil and water protection * ground hazards * obstacles * drainage * workplace policies and procedures for implementing a forest establishment plan * forest establishment and planning procedures, including: * forest design and map details * site preparation * access considerations * planting for forest or streamside: * buffers * filter strips * contours * gullies * crossing points * environmental considerations for protection of: * habitat * rainforest * flora and fauna * landscape * excluded areas * rubbish removal * procedures and environmental considerations for preparation of: * permanent roads * temporary roads * landings * dumps * snig tracks * forwarding tracks * adjoining land * wet weather restrictions * fire protection requirements * forest design and planting strategies * regeneration principles and methods * topography including: * terrain levels * soil types * contours * elevations * slopes * gullies * adjoining land parcels * land use zoning and relevant approvals and permits, including: * private zoning * government zoning * resources, tools and equipment used for the implementation of a forest plan, and procedures for their safe use and maintenance. |

| Assessment Conditions |
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| Assessment of the skills in this unit of competency must take place under the following conditions:   * physical conditions: * skills must be demonstrated in a forest work environment or an environment that accurately represents workplace conditions * resources, equipment and materials: * a forest establishment plan * a section of native forest or plantation which may be either a monoculture or multiple-use environment * specifications: * workplace safety and environmental policies and procedures applicable to forestry operations * workplace policies and procedures relevant to forest establishment activities.   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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