



Australian Government

FWPCOT3313 Apply biodiversity protection principles

Release: 1

FWPCOT3313 Apply biodiversity protection principles

Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 6.0.

Application

This unit of competency describes the skills and knowledge required to access, interpret and apply biodiversity principles and requirements to forestry operations, including monitoring work practices for compliance, and maintaining forest documentation and records.

The unit applies to individuals whose work involves ensuring biodiversity protection in operational forest environments.

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.

Pre-requisite Unit

Nil

Unit Sector

Common Technical (COT)

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. Prepare for work	1.1 Determine biodiversity protection requirements for forestry work from work order or instruction, and where required, seek clarification from appropriate personnel 1.2 Confirm regulatory requirements for the application of biodiversity protection principles for various forest types according to

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	workplace procedures 1.3 Identify sensitive ecological and biodiversity sites, habitats, landscape features and protection zones in the forest operational plan and maps 1.4 Identify, assess and take actions to mitigate risks and hazards associated with biodiversity protection operations 1.5 Identify and report existing and potential environmental risks and hazards to relevant personnel 1.6 Consult and maintain communication with team members and other appropriate personnel to ensure that work is coordinated effectively with others in the workplace
2. Implement biodiversity protection principles in work practice	2.1 Identify endangered plant and animal communities, threatened species, ecological habitats, sensitive landscape features and protection zones in the field 2.2 Identify and report existing and potential ecological risks and hazards 2.3 Apply protection measures for endangered plants and animal communities, threatened species, ecological habitats and sensitive landscape features and protection zones according to codes of practice and operational plan 2.4 Select, apply and verify protection zone methods and materials with appropriate personnel 2.5 Identify situations requiring specialist advice and seek assistance according to workplace requirements
3. Monitor work practices for compliance with biodiversity protection principles	3.1 Monitor and make recommendations to adjust work practices to meet biodiversity principles according to workplace procedures 3.2 Make recommendations on ways of adjusting work practices to respond to new or changing ecological and biodiversity conditions 3.3 Monitor and maintain ecological and biodiversity protection work practices according to codes of practice and operational plan 3.4 Identify and report work practices that are non-compliant with biodiversity protection principles to appropriate personnel 3.5 Identify and make recommendations on ways of improving work practices to enhance biodiversity protection
4. Maintain records	4.1 Update operational plans with any new threatened species or

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<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	habitat protection prescriptions 4.2 Record and report biodiversity protection activities to appropriate personnel

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
Reading	Interpret workplace documentation, including legislation, codes of practice and reports to determine requirements
Writing	Use technical and workplace specific vocabulary to accurately and legibly complete workplace records and forms
Oral communication	Select and use appropriate spoken communication strategies with work colleagues and other personnel on site
Numeracy	- Complete routine calculations to report on location and dimensions of biodiversity protection operations - Interpret graphical information on number, location and extent of endangered communities, threatened species, ecological habitats, sensitive landscape features and protection zones in the field

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPCOT3313 Apply biodiversity protection principles	FWPCOT3256 Apply biodiversity protection principles	Clarified Application Updated and added new Performance Criteria Updated Foundation Skills, Performance Evidence and Assessment Conditions	Equivalent

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 FWPCOT3313 Apply biodiversity protection principles

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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:

- implemented biodiversity protection procedures in an operational forest on one occasion
- followed workplace policies and procedures, current legislation, regulations and related industry standards and codes of practice applicable to biodiversity protection in operational forest environments
- monitored work practices in one operational forest for consistency with biodiversity principles, and made at least one recommendation on ways of improving work practices to enhance biodiversity protection.

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:

- applicable regulatory and legal requirements that affect forest operations in relation to ecological and biodiversity protection:
 - Environment Protection and Biodiversity Conservation Act 1999 (the EPBC Act)
 - Threatened Species Conservation Act
 - Native Vegetation Act
 - native forest legislation
 - private native forest codes
 - forest operational plans
 - environmental legislation, policy and procedures
 - environmental planning and assessment
 - specific site environmental management plans
 - relevant codes of practice
 - water catchment management

- surface and ground water conservation requirements
- relevant Australian standards and industry standards
- hazard reduction policy and procedures
- plantation legislation
- plantation and reforestation code
- fisheries and fish passage
- national parks and wildlife legislation
- good neighbour policies
- award and organisational agreements
- heritage and traditional landowner
- forest certification (Responsible Wood Certification Scheme and Australian Forestry Standard (AFS) certification)
- types or range of forest operational plans:
 - forest operations plan
 - harvesting plan
 - plantation establishment plan
 - coupe plan
 - roading plan
 - drainage plan
 - sediment and erosion control plan
- habitats, including any area or region local animals, plants or organisms may live or rely upon for food, water, shelter or breeding purposes:
 - habitat plants and trees (*specific species, burrow, food, roost and nest*)
 - recruitment trees
 - standing trees with hollows (dead and alive)
 - stags with roost sites
 - hollow logs
 - rocky outcrops
 - rock overhangs
 - caves
 - soil mounds
 - creeks, springs or river banks
 - sheltered valleys or canyons
 - wetlands
- any other site, feature or zone listed as habitat or potential habitat
- threatened and endangered plant and animal species
- protection zones and protection zone methods where operational conditions are varied by prescriptions for the management of ecological and biodiversity values:
 - buffer zones
 - filter strips

- riparian protection areas
- exclusion zones
- conservation management plan
- regulations, standards, codes of practice and established safe practices for ecological and biodiversity protection
- established communication channels and protocols for compliance with biodiversity protection principles
- procedures for recording and reporting workplace information related to biodiversity protection activities.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in operational forest environments or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - personal protective equipment
 - communication system
- specifications:
 - access to workplace policies and procedures applicable to biodiversity protection operations
 - access to forest operational plans
 - access to workplace procedures and forms for recording biodiversity protection activities.

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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<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>