



Australian Government

FWPCOT3256 Apply biodiversity protection principles

Release: 1

FWPCOT3256 Apply biodiversity protection principles

Modification History

Release	Comment
1	Replaces equivalent unit FPICOT3256 Apply biodiversity protection principles, which was first released with FPI11 Forest and Forest Products Training Package Version 2. This is the first release of this unit in the new standards format.

Application

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

The unit applies to those who work to identify and protect forest habitats, threatened species, microclimates and landscape features, and who conduct hazard-reduction in an operational forest environment.

No licensing, legislative, regulatory, or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Forest Growing and Management

Harvesting and Haulage

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. Where bold italicised text is used, further information is detailed in the range of conditions.</i>
1. Prepare for work	1.1 Identify and review information on regulatory requirements for

ELEMENTS	PERFORMANCE CRITERIA
	the application of biodiversity protection principles for various forest types. 1.2 Identify and interpret key principles and requirements that apply to ecological and biodiversity protection. 1.3 Identify sensitive ecological and biodiversity sites, habitats, landscape features and protection zones in the forest operational plan and maps.
2. Implement biodiversity protection principles	2.1 Review work order and identify and clarify ecological and biodiversity requirements. 2.2 Identify endangered communities, threatened species, ecological habitats, sensitive landscape features and protection zones in the field. 2.3 Identify and report existing and potential ecological risks and hazards. 2.4 Apply protection measures for endangered communities, threatened species, ecological habitats and sensitive landscape features and protection zones in line with codes of practice and operational plan. 2.5 Select, apply and verify protection zone methods and materials with appropriate personnel. 2.6 Identify situations requiring specialist advice and seek assistance in line with organisational requirements.
3. Monitor work practices	3.1 Monitor and adjust work practices to meet changing conditions 3.2 Monitor and maintain ecological and biodiversity protection work practices in line with codes of practice and operational plan 3.3 Identify and report non-compliant work practices to appropriate personnel 3.4 Identify improved work practices and make recommendations to improve operations
4. Maintain records	4.1 Update operational plans with any new threatened species or habitat protection prescriptions. 4.2 Record and report biodiversity protection activities to appropriate personnel.

Foundation Skills

This section describes those core and employment skills that are essential to performance and

are not explicit in the performance criteria.	
Oral communication skills to:	work effectively with others to maintain sound ecological and biodiversity protection work practices.
Reading skills to:	interpret regulatory requirements and workplace documentation.
Planning and organising skills to:	- identify work requirements in line with site conditions - analyse data and requirements to plan effective operations.

Range of Conditions

Not Applicable

Unit Mapping Information

FPICOT3256 Apply biodiversity protection principles

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for FWPCOT3256 Apply biodiversity protection principles

Modification History

Not applicable.

Performance Evidence

A person demonstrating competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit. If a specific volume or frequency is not stated below, then evidence must be provided that the following requirements have been performed on at least one occasion:

- access and interpret ecological and biodiversity protection requirements
- safely and effectively apply biodiversity protection principles to various types of forests
- follow organisational policies and procedures relevant to implementing and monitoring ecological and biodiversity protection of a forest
- monitor and maintain ecological and biodiversity protection practices
- identify and report non-compliant work practices
- complete workplace documentation.

Knowledge Evidence

A person competent in this unit must be able to demonstrate 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, including Forest Stewardship Council (FSC) and Australian Forestry Standard (AFS) certification
- forest operational plans including one or more of the following:
 - 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 where local animals, plants or organisms may live or rely upon for food, water, shelter or breeding purposes:
 - habitat plants and trees, including:
 - specific species
 - burrow
 - food
 - roost
 - nest
 - recruitment trees
 - hollow logs
 - rocky outcrops
 - rock overhangs
 - caves
 - soil mounds
 - creek or river banks
 - sheltered valleys or canyons
- any other site, feature or zone listed as habitat or potential habitat
- protection zones where operational conditions are varied by prescriptions for the management of ecological and biodiversity values including:
 - 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
- procedures for recording and reporting workplace information.

Assessment Conditions

The following resources must be made available:

- forest operation site
- workplace requirements and site standards for applying biodiversity protection principles.
- relevant personnel for the purposes of communicating information

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Assessor requirements

Assessors must:

- hold the appropriate assessor competency standards as outlined in regulations; and
- be able to demonstrate vocational competencies at least to the level being assessed; and
- be able to demonstrate how they are continuing to develop their VET knowledge and skills as well as maintaining their industry currency and assessor competence.

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