



Australian Government

**Assessment Requirements for
FWPHAR4206 Implement environmental
management practices in timber harvesting
operations**

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Modification History

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

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 developed one management strategy for one timber harvesting operation to minimise environmental impact and meet the environmental management requirements specified in the relevant harvest plan.

In undertaking this activity, the individual has:

- reviewed the harvest plan to identify environmental assets, environmental indicators and environment protection measures
- identified resources required to implement the environmental protection measures specified in the harvest plan
- confirmed methods used to monitor compliance with and achievement of environmental management indicators
- communicated environmental management requirements and strategies to work team
- coordinated harvesting operation to comply with environmental management indicators, workplace procedures and harvest plan requirements
- monitored achievement of environmental management requirements and identified non-compliances with indicators
- recorded and reported performance against environmental management indicators.

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:

- commonwealth, state, territory or local government regulations and codes of practice relevant to environmental management in harvest operations
- features of the environment that may require protection in harvesting operations:
 - adjacent properties

- physical structures
- environmentally sensitive sites
- waterways and riparian areas
- Indigenous and other culturally important sites
- archaeological sites
- soil
- endangered plant and animal species
- habitats
- environmental management strategies used in harvesting operations to minimise or avoid environmental damage associated with:
 - fuel storage
 - machine servicing
 - tree felling, log extraction and machinery operation
 - logging debris and slash
 - spread of weeds and pests
 - water runoff
 - road construction
 - disposal of waste material
 - cleaning plant, tools and equipment
- environmental management indicators:
 - water quality and quantity
 - soil condition
 - native flora and fauna protection
 - maintenance of culturally significant landscapes, natural or anthropogenic formations and constructions
- strategies for monitoring compliance with environmental management indicators:
 - field checks
 - documentation
- harvest plans:
 - purpose of harvest plans
 - format, content and use of plans
 - method of identifying environmental protection requirements in harvest plans
- types, purpose and ways of determining buffer zones, protected areas and erosion control measure.

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 a forest work environment or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - harvest plan
 - a coupe for a harvesting operation
- specifications:
 - workplace policies and procedures for meeting the environmental management requirements of harvest plans.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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