



Australian Government

FWPCOR4205 Monitor and improve forestry operations

Release: 1

FWPCOR4205 Monitor and improve forestry operations

Modification History

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

Application

This unit of competency describes the skills and knowledge required to monitor and review forestry operations on a site with a view to recommending improvements to work practices, technologies and systems.

The unit applies to individuals whose job roles incorporate monitoring and reviewing forestry operations in a forest environment.

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

Pre-requisite Unit

Nil

Unit Sector

Core (COR)

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. Monitor forestry operations	1.1 Establish and maintain communication with others according to workplace procedures 1.2 Monitor tasks in a safe manner according to legislative requirements, environmental management systems and workplace and procedures 1.3 Monitor organisation of duties, practices, equipment and materials according to workplace health and safety requirements and workplace procedures

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
2. Review improvement opportunities for forestry operations	2.1 Review operational plans and site practices for potential improvement, modifications and time savings 2.2 Monitor and record community and organisational environmental goals 2.3 Monitor training and operational controls to ensure they are in line with workplace procedures 2.4 Record and report improvement recommendations, including resourcing requirements 2.5 Establish action plan to introduce change in consultation with appropriate personnel
3. Trial improvements to work practices, technologies and systems used in forestry operations	3.1 Develop and trial new work practices, systems and technologies on site following workplace health and safety requirements and workplace requirements 3.2 Check new work practices, systems and technologies for effective improvements or time savings 3.3 Identify any modifications that are required and communicate these to appropriate personnel for implementation 3.4 Monitor environment impact of new work practices, systems and technologies 3.5 Conduct progress reviews to assess impact of new work practices, systems and technologies on personnel, the workplace and the environment 3.6 Record and report outcomes of trial to appropriate personnel according to workplace procedures

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	Extract information from industry guides and standard references

Skill	Description
Writing	• Complete workplace forms • Annotate site plans
Oral communication	• Ask open and closed questions and use active listening techniques to clarify contents of work orders • Provide oral reports of on-site improvement measures
Numeracy	• Interpret basic statistics on workplace performance

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPCOR4205 Monitor and improve forestry operations	FWPCOR4202 Monitor and review forestry operations	Revised title Revised Elements and Performance Criteria Revised Performance Evidence Minor changes to Knowledge Evidence Revised 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 FWPCOR4205 Monitor and improve forestry 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 monitored and improved one aspect of a forestry operation work site, selected from the following:

- work practices
- technologies
- environmental management and procurement systems.

In performing this activity, the individual has:

- sought input from team members on site practices and operational outcomes
- reviewed operational plans and procedures
- confirmed community and organisational goals
- identified potential improvements
- prepared and discussed draft action plan for change with appropriate personnel
- implemented changes as a trial and monitored outcomes according to the agreed action plan
- reported outcomes of trial to appropriate personnel.

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 or territory legislation, regulations, standards, codes of practice and established safe practices relevant to the full range of processes for monitoring and reviewing forestry operations
- environmental protection requirements in forestry operations, including:
 - environmental sustainability
 - protection of watercourses and water quality
 - soil and salinity management

- reduction and disposal of waste
- energy efficiency
- biodiversity and habitat protection
- conservation of natural resources
- fire management
- workplace standards, requirements, policies and procedures relevant to monitoring and reviewing forestry operations
- sustainable procurement practices in forestry operations, including selecting products and services based on how they minimise and monitor their impact on the environment
- types, uses, operation and maintenance of equipment used in forestry operations
- forestry operations, techniques and technology, including:
 - improvement of timber technology methodologies
 - on-site forestry operations
 - ancillary forest operations
- environmental risks and hazard identification associated to forestry operations
- environmental management systems used in forestry operations, including:
 - compliance, improvement and prevention
 - continuous cycle of plan, implement, monitor, review and improve environmental practices and systems
- established communication channels and protocols in forestry operations
- procedures for recording and reporting workplace information.

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:
 - access to a forestry operation
- specifications:
 - workplace safety and environmental policies and procedures applicable to forestry operations.

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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