**Modification history**

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

| **FWPCOR4XXX** | **Monitor and improve forestry operations** |
|---|---|
| **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.<br><br>The unit applies to individuals whose job roles incorporate monitoring and reviewing forestry operations in a forest environment.<br><br>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)<br>Harvesting and Haulage (HAR) |

| Elements | Performance Criteria |
|---|---|
| *Elements describe the essential outcomes.* | *Performance criteria describe the performance needed to demonstrate achievement of the element.* |
| 1. Monitor forestry operations | 1.1 Establish and maintain communication with others according to workplace procedures<br>1.2 Monitor tasks in a safe manner according to legislative requirements, environmental management systems and workplace and procedures<br>1.3 Monitor organisation of duties, practices, equipment and materials according to workplace health and safety requirements and workplace procedures |
| 2. Review improvement opportunities | 2.1 Review operational plans and site practices for potential improvement, modifications and time savings<br>2.2 Monitor and record community and organisational environmental goals<br>2.3 Monitor training and operational controls to ensure they are in line with workplace procedures<br>2.4 Record and report improvement recommendations including resourcing requirements<br>2.5 Establish action plan to introduce change in consultation with appropriate personnel |
| 3. Trial improvements to work practices, technologies and systems | 3.1 Develop and trial new work practices, systems and technologies on site following workplace health and safety requirements and workplace requirements<br>3.2 Check new work practices, systems and technologies for effective improvements or time savings,<br>3.3 Identify any modification that are required and communicate these to appropriate personnel for implementation<br>3.4 Monitor environment impact of new work practices, systems and technologies<br>3.5 Conduct progress reviews to assess impact of new work practices, systems and technologies on personnel, the workplace and the environment<br>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 |
| Writing | • Complete workplace forms<br>• Annotate site plans |
| Oral communication | • Ask open and closed questions and use active listening techniques to clarify contents of work orders<br>• Provide oral reports 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** |
| FWPCOR4XXX Monitor and improve forestry operations | FWPCOR4202 Monitor and review forestry operations | Revised Title<br><br>Revised Elements and Performance Criteria<br><br>Revised Performance Evidence<br><br>Minor changes to Knowledge Evidence<br><br>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 |
|---|---|

| TITLE | **Assessment requirements for FWPCOR4XXX Monitor and improve forestry operations** |
|-------|---------------------------------------------------------------------------|

**Performance Evidence**

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that, on one occasion, the individual has:
- monitored and reviewed an aspect of forestry operations at a worksite,
- made recommendations for improving associated work practices, technologies and/or systems
- trialled and reported on the outcomes of the improvement.

**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 and care requirements, 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, 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
- environmental management systems, including:
  - compliance, improvement and prevention
  - continuous cycle of plan, implement, monitor, review and improve environmental practices and systems
- established communication channels and protocols
- 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 | Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47 |
|---|---|