



Australian Government

FWPCOT4217 Apply a safety mindset in forestry operations

Release: 1

FWPCOT4217 Apply a safety mindset in forestry operations

Modification History

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

Application

This unit of competency describes the skills and knowledge required to apply a safety mindset while working in teams or when working alone, in isolation, remotely or out-of-line-of-sight in forestry operations. This includes the awareness and skills required to positively influence the safety culture of small peer-group teams.

The unit applies to those who have responsibility for leading small work teams in forestry operations.

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

Pre-requisite Unit

The prerequisite unit of competency for this unit is:

- FWPCOR3205 Apply safety, health and environmental requirements in forest and wood products operations

or

- FWPCOR2210 Follow workplace health and safety policies and procedures.

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. Maintain situational awareness in forestry	1.1 Maintain safety procedures when dealing with known hazards in forestry operations

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
operations	1.2 Identify potential hazards and assess risks and anticipate possible consequences in operating environment 1.3 Monitor changes in operating environment and report to appropriate personnel according to workplace procedures 1.4 Maintain situational awareness of the operating environment, anticipate consequences of changed conditions and take remedial action according to workplace procedures
2. Make safety related decisions in forestry operations	2.1 Gather and analyse all available information on safety concerns 2.2 Seek opinions and suggestions from team members before deciding what to do in response to safety concerns 2.3 Consider all options, identify potential risks of options and communicate selected option to team members and other appropriate persons 2.4 Implement selected option 2.5 Review outcome of selected option to inform future decision making
3. Maintain communication while working in forestry operations	3.1 Communicate safety concerns to team members and other appropriate persons 3.2 Promote a work environment in which individuals are empowered to raise safety concerns with co-workers, team leaders and site management 3.3 Share information and understanding of operational and safety plans with team members and other appropriate persons prior to commencing or when handing over work tasks 3.4 Check that electronic communication protocols, procedures and equipment are suited to the operational environment
4. Maintain own and team member safety when working alone, in isolation or out-of-line-of-sight in forestry operations	4.1 Confirm work and safety requirements for planned work 4.2 Maintain regular and pre-arranged voice or visual contact with team members for duration of planned work 4.3 Review risk assessment to confirm appropriate control measures are in place 4.4 Monitor own and team member compliance with safe work procedures when working alone, in isolation or out-of-line-of-sight in forestry operations 4.5 Maintain awareness of procedures for responding to incidents and

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	emergencies that are appropriate for situations where work is being undertaken alone, in isolation or out-of-line-of-sight
5. Apply safety leadership in forestry operations	5.1 Clarify own role and responsibilities in work team and coordinate work tasks with other team members 5.2 Establish and maintain open communication and effective working relationships with others 5.3 Collaborate with other team members on work and safety related matters 5.4 Identify and influence other people's safety practices while working in forestry operations 5.5 Demonstrate safety leadership in routine and non-routine situations affecting safety according to workplace procedures 5.6 Participate in and clarify understanding of outcomes of debriefings of critical events/incidents to improve how they are handled in the future
6. Apply procedures for dealing with stress, remoteness and fatigue	6.1 Identify risks associated with self and other team members not being fit for work 6.2 Monitor own and others' physical and psychological wellbeing 6.3 Apply workplace procedures for avoiding, reducing and coping with stress, alcohol and drug use, remoteness and fatigue 6.4 Maintain effectiveness and concentration under periods of stress and high workload 6.5 Recognise own physical and psychological limitations, and request assistance to deal with difficult or abnormal situations

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	Read standard operating procedures and/or user manuals to ensure safe operation of equipment and machinery

Skill	Description
Writing	Maintain safety and work related records on paper or electronic media
Oral Communication	Use appropriate vocabulary, including technical language, directly relevant to role
Numeracy	Interpret numerical and graphical information related to safe work operations

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPCOT4217 Apply a safety mindset in forestry operations	Not applicable	The unit has been created to address a skill or task required by industry that is not covered by an existing unit	Newly created

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 FWPCOT4217 Apply a safety mindset in 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 applied a safety mindset while working in forestry operations. Evidence must show that the individual has:

- demonstrated situational awareness in forestry operations
- made two safety related decisions in forestry operations
- maintained communication with team members while working in forestry operations
- applied safe work procedures on one occasion when working alone, in isolation or out-of-line-of-sight in forestry operations
- taken two actions to support safe teamwork in forestry operations
- applied one workplace procedure for dealing with stress, drug and alcohol use, remoteness or fatigue in self or others while working in forestry operations.

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:

- hazards and associated risks in forestry operations:
 - types of hazards and associated risks
 - techniques for identifying hazards and assessing risks
 - procedures for reporting hazards and associated risks
 - risk assessment techniques
 - risk control measures for responding to known hazards
- principles of situational awareness and safety mindsets:
 - show vigilance when approaching known hazards
 - identify potential problems from available information
 - monitor changes in work environment
 - resolve uncertainty by seeking further information

- verify assumptions before proceeding with work activities
- decision making in forestry operations:
 - techniques for decision making
 - types and sources of information used in making decisions related to forestry operations
- safe work procedures in forestry operations:
 - types and operation of safety monitoring systems
 - handover procedures
 - importance of communicating safety concerns openly
 - safe work procedures for working alone, in isolation or out-of-line-of-sight
 - workplace procedures for responding to incidents and emergencies in situations where team members are working alone, in isolation or out-of-line-of-sight
- type and operation of electronic communication and security systems related to forestry operations
- teamwork in forestry operations:
 - principles of effective teamwork
 - techniques for enhancing team awareness of work site safety and knowledge of safe work practices
- safety leadership:
 - features of safety culture in forestry operations
 - techniques for recognising and influencing other people's safety practices
- stress, fatigue and remoteness in forestry operations:
 - workplace procedures for avoiding, reducing and coping with stress, remoteness, alcohol and drug use and fatigue
 - signs of stress and fatigue in self and others
 - techniques for monitoring own and others' physical and psychological wellbeing
 - techniques for identifying personal limitations
- techniques for maintaining effectiveness and concentration under periods of stress and high workload.

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 forestry work site or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - electronic communications systems
- specifications:
 - workplace policies and procedures applicable to safe team and lone work in remote forestry operations

- workplace documentation for identifying, assessing and responding to hazards and associated risks in forestry operations.

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

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