



Australian Government

Assessment Requirements for FWPFIR2002 Detect fire in a native forest or plantation

Release: 1

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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 detected a fire in a native forest or plantation setting and reported sighting details and fire detection process to the fire command or control.

In performing this activity, the individual has:

- located the fire's current position on a digital or print map or plan
- followed workplace procedures for recording the fire and maintaining a chronological log of sightings and fire weather data
- used workplace communication methods for reporting sighting details, including locations, bearings and estimated distances
- identified potentially hazardous situations and sought expert advice
- completed report on fire detection processes and outcomes as required by the workplace.

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:

- smoke:
 - meaning of colour
 - location
 - amount
- fire weather data:
 - wind
 - atmospheric humidity
 - temperature
 - procedures for measuring and recording fire weather data
- maps and plans:

- digital and print
- scale used on maps and plans
- map and plan reading techniques
- map and plan features
- types and operating procedures and protocols for mobile and other communications systems
- risks and hazards associated with fire detection activities
- sighting details:
 - locations
 - bearings
 - estimated distances
- terrain and geographical features visible from a tower or aircraft
- sources of specialist advice on fire and fire detection in forest and plantations:
 - supervisor
 - fire command or control
 - colleague
 - local fire brigade
 - forest management company
- fire command or control conventions for recording and reporting fire sightings
- workplace policies and procedures specific to detecting fires:
 - communication reporting lines
 - recording and reporting fires
 - emergency and evacuation
 - extreme weather.

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 or wood products work environment or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - digital or print maps and plans of forest or plantation
 - mobile and other communications equipment suitable for communicating with fire command or control
 - access to fire weather data and current reports
- specifications:
 - access to workplace health, safety and environmental policies and procedures applicable to fire detection operations
 - access to user manual for mobile and other communications equipment

- access to workplace procedures for field operations and for recording and reporting on fire detection processes and outcomes.

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>