



**Australian Government**

# **FWPFIR2002 Detect fire in a native forest or plantation**

**Release: 1**

# FWPFIR2002 Detect fire in a native forest or plantation

## 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 safely and accurately detect fires in a native forest or plantation setting and accurately record and report sighting details to fire command or control. This work may be performed on the ground, from a fire tower or from an aircraft.

The unit applies to forestry workers engaged in field operations in a native forest or plantation setting.

All work must be carried out to comply with workplace procedures, according to state/territory health and safety regulations, legislation and standards that apply to the workplace.

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

## Pre-requisite Unit

Nil

## Unit Sector

Fire Control (FIR)

## 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. Locate position of self and fire              | 1.1 Follow workplace health and safety procedures relevant to detecting fire<br>1.2 Identify, assess and take actions to mitigate risks and hazards in the operating environment |

| Elements                                         | Performance Criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Elements describe the essential outcomes.</i> | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                  | 1.3 Identify own position in the field and position of fire using digital device or reference points, including landmarks and key geographical features<br>1.4 Locate current position of fire on a print or digital map or plan                                                                                                                                                                                                                                                                  |
| 2. Report and record smoke and other sightings   | 2.1 Note and report information on the colour, location and amount of smoke and other sighting details according to workplace procedures<br>2.2 Record sighting details, including locations, bearings and estimated distances, according to workplace procedures<br>2.3 Maintain chronological log of sightings and fire weather data according to workplace procedures<br>2.4 Identify situations requiring specialist advice and seek assistance as required according to workplace procedures |
| 3. Communicate with fire command or control      | 3.1 Use mobile and other communications equipment to relay location of own position and sighting details to fire command or control<br>3.2 Record and report relevant fire weather data and other information on conditions using required conventions and formats to appropriate personnel<br>3.3 Record and report fire detecting processes and outcomes to appropriate personnel                                                                                                               |

## 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            | <ul style="list-style-type: none"> <li>Identify features and details on maps and plans</li> </ul>                                                                           |
| Writing            | <ul style="list-style-type: none"> <li>Record accurate and detailed information about smoke and other sightings in logs, reports and records</li> </ul>                     |
| Oral communication | <ul style="list-style-type: none"> <li>Use appropriate communication methods, equipment and interpersonal techniques to communicate with fire command or control</li> </ul> |
| Numeracy           | <ul style="list-style-type: none"> <li>Estimate speed and bearing of fire</li> </ul>                                                                                        |

## Unit Mapping Information

| Code and title<br>current version                       | Code and title<br>previous version | Comments                                                                                                                                                                             | Equivalence status |
|---------------------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| FWPFIR2002 Detect fire in a native forest or plantation | FWPFGM2211<br>Detect fires         | Reworded title<br>Updated Application<br>Reworded Performance Criteria<br>Updated Performance Evidence and Knowledge Evidence<br>Updated Foundation Skills and 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>