



Australian Government

**Assessment Requirements for
FWPCOT3318 Access, capture and
communicate forestry field data using
mobile devices**

Assessment Requirements for FWPCOT3318 Access, capture and communicate forestry field data using mobile devices

Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 6.0.

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:

- configured and effectively operated a mobile device to access, capture and communicate forestry field data on four occasions according to a work order or work instructions
- applied at least two strategies to optimise performance of mobile device in a forestry setting.

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:

- procedures for accessing mobile network:
 - connection protocols
 - VOIP
 - SMS
- procedures for setting up mobile device:
 - charging battery
 - password and login
 - SIM card
 - storage card
 - new connection
 - network settings
- types, features and procedures for using mobile devices – smartphones, tablets, PDAs, laptop computers
- types of mobile applications used to access, capture and communicate workplace and forestry data:

- proprietary
- open source
- forestry company-specific
- procedures for identifying version of mobile applications and checking for correct version
- procedures for accessing forestry-related mobile applications and files
- basic procedures for using mobile devices to record workplace and forestry data:
 - entering text
 - recording GPS coordinates
 - capturing individual points on screen or streaming
 - drawing on screen
 - loading and downloading files
 - capturing sound, video and images
 - using name, date and filing conventions
- factors influencing mobile device performance:
 - battery life
 - application and file use
 - device maintenance
 - network availability
 - interference
- procedures for optimising mobile device performance:
 - carrying out routine maintenance
 - Bluetooth or Wi-Fi turned off when not in use
 - closing applications after use
 - battery management
- types of forestry data collected on mobile devices:
 - inventory
 - quality assurance
 - survival rates
 - hazards
 - site preparation
 - plantation boundaries
 - residue assessment
 - special values
 - forest damage, including windthrow, burnt areas, pest and disease
 - harvest progress boundaries
- reasons and procedures for ensuring accuracy and quality of forestry data captured on mobile devices
- common problems associated with use of mobile devices and mobile applications in forestry settings
- mobile device acceptable use policies

- procedures for data security
- sources of expert advice on mobile devices and associated applications:
 - help menus
 - operator manual
 - following on-screen help
 - using diagnostic tools and wizards
 - forestry company IT specialists.

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 or plantation setting
- resources, equipment and materials:
 - mobile device
 - access to forestry-related mobile applications and files
- specifications:
 - access to work order, instruction or production plan detailing activities to be carried out by operator that require use of mobile device
 - access to workplace safety policies and procedures applicable to use of mobile devices
 - access to site emergency procedure
 - access to user manual for mobile device.

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>