



Australian Government

**Assessment Requirements for
FWPCOT3319 Read and interpret digital
maps and forest operation plans**

Release: 1

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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:

- sourced, downloaded and used the functions in a digital map on four occasions to perform work functions in which the operator:
 - established and identified Global Positioning System (GPS) coordinates on map
 - applied processes to orientate self in relation to map based on field observations
 - used map functions to determine distance, direction, travelling time and routes between locations on map
 - located, labelled and entered attribute data and notes on physical features, hazards and forestry assets on map
 - captured digital images of physical features, hazards and forestry assets and plotted on map
 - hid or surfaced layers to view data on map
- sourced, downloaded and extracted information from a forest operation plan on four occasions to perform work functions.

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:

- types of digital maps:
 - general reference
 - topographical
 - thematic
 - cadastral maps and plans
- sources of digital maps:

- forest management companies
- government agencies
- commercial
- fundamental map reading skills:
 - title
 - coordinates
 - scale
 - legend
 - data frame
 - orientation
 - citation
- basic concepts of digital maps:
 - base map
 - layers – Light Detection and Ranging (LiDAR), satellite, aerial photograph
 - coordinates
 - vector vs raster spatial data
 - attribute data
 - file format
 - legend and symbology
- types of information contained on digital maps
- processes to download digital maps:
 - cloud storage services
 - emails
 - mobile applications
- processes to validate the data viewed on digital maps based on field observations
- forest operation plans:
 - purpose
 - intended users
 - format
 - information contained in forest operation plans
 - amendments
 - versions
 - key terms used in forest operation plan
 - processes to validate data in forest operation plan based on field observations.

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 digital map application
 - access to digital map library
 - access to digital forest operation plan
- specifications:
 - access to work order or instruction detailing activities to be carried out by operator that require use of digital map and digital forest operation plan
 - access to workplace safety policies and procedures applicable to working in a forestry or plantation setting
 - access to workplace policies for acceptable use of mobile device
 - access to user manual for mobile device and technical instructions for use of digital map application.

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>