



Australian Government

Assessment Requirements for FWPFRM5008 Create digital forest operational map

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 used a Geographic Information System (GIS) software program to create and share three forestry operational maps according to a work order or work instructions.

In undertaking these activities, the individual has:

- confirmed format, extent, content, scale and intended use of map
- selected base map and added layers
- configured pop-ups and added item information to map
- proofed the draft map and fixed any errors
- saved and stored draft map
- shared draft map for review
- made changes to map based on feedback and workplace procedures
- saved and shared final version of map with intended users.

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:

- range and functionality of GIS software packages
- basic GIS concepts:
 - sources and types of spatial data and projections
 - application areas
 - map features
 - map layers
- procedure to create digital maps:
 - choose base map

- select data
- add layers with relevant data
- change styles
- configure pop-ups
- save map
- proofread map
- share map
- georeferencing maps
- reasons and procedures for checking accuracy, integrity and completeness of data
- fundamental features of maps:
 - title
 - coordinates
 - scale
 - legend
 - data frame
 - orientation
 - citation
- forest operational maps:
 - purpose
 - intended users
 - format
 - information contained in forest operation maps
 - amendments
 - versions.

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 work environment or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - computer hardware required to run GIS software package
 - GIS software package
 - internet access
- specifications:
 - work order or instruction detailing requirements for forestry operational map
 - workplace safety and environmental protection plans
 - workplace acceptable use policies for use of computing equipment

- manufacturer manual for computing equipment and technical instructions for use of GIS software package.

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>