



Australian Government

Assessment Requirements for FWPCOT2233 Navigate in forest areas

Release: 1

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Modification History

Release	Comment
1	Replaces equivalent unit FPICOT2233B Navigate in forest areas, which was first released with FPI11 Forest and Forest Products Training Package Version 2.2. This is the first release of this unit in the new standards format. Assessment requirements now specify the performance and knowledge evidence, as well as assessment conditions for this unit of competency. These sections simplify and replace components used in the previous unit format, including 'Required Skills and Knowledge, Evidence Guide and Range Statement

Performance Evidence

A person demonstrating competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit. If a specific volume or frequency is not stated below, then evidence must be provided that the following requirements have been performed on at least one occasion:

- plan routes in line with an individual assignment instructions, destination and timeline
- use navigation equipment when planning routes:
 - standard magnetic compass using latitude/longitude and Universal Transverse Mercator (UTM) coordinate systems
 - global positioning system (GPS)
 - cadastral maps (maps that show the boundaries and ownership of land parcels)
 - topographic maps
 - photographs
 - general maps
- use a compass and environmental navigation aids enroute to navigate to and from destinations according to the planned route using latitude/longitude and Universal Transverse Mercator (UTM) coordinate systems
- establish and maintain communication with others as required
- respond to environmental circumstances enroute and adapt by navigating alternative routes.
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Knowledge Evidence

A person competent in this unit must be able to demonstrate knowledge of:

- environmental protection practices for minimising damage to the local environment when navigating in forest areas
- purpose, features and operation of navigation equipment and aids, including:
 - global positioning system (GPS) device
 - magnetic compass, including adjustments for local magnetic variation
 - locator beacons
 - cadastral and topographic maps
 - charts
 - guide books
 - photographs and other digital imagery
 - sketches
 - diagrams
- advantages and disadvantages of different map and chart types and sources of error
- representation of topographic features and symbols on maps and charts
- common scales used on maps and plans
- techniques for estimating distances and times using electronic navigation equipment and maps
- features and uses of environmental navigation aids:
 - survey markers
 - track markers
 - signs
 - arrows
 - natural landmarks
- personal protective equipment and clothing
- modes and methods of communication with others
- organisational workplace health and safety procedures for navigation activities.
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Assessment Conditions

The following resources must be made available:

- cadastral, topographic and general maps
- magnetic compass
- global positioning system (GPS) device
- track and survey markers
- beacons
- manufacturers' instruction for navigation equipment use
- personal protective equipment required to navigate in forest areas
- communication devices

- assignment instructions with specific information on destinations and deadlines
- organisational workplace health and safety procedures for navigation activities
- relevant personnel for the purposes of communicating information.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Assessor requirements

Assessors must:

- hold the appropriate assessor competency standards as outlined in regulations; and
- be able to demonstrate vocational competencies at least to the level being assessed; and
- be able to demonstrate how they are continuing to develop their VET knowledge and skills as well as maintaining their industry currency and assessor competence.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>