



Australian Government

**Assessment Requirements for
FWPCOT3202 Navigate in remote or
trackless areas**

Release: 1

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Modification History

Release	Comment
1	<p>Replaces equivalent unit FPICOT3202B Navigate in remote or trackless 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</p> <p>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</p>

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:
- follow organisational policies and procedures for navigating in a remote or trackless area
- select, interpret, and use maps and other written and diagrammatic information for navigation
- use maps, compass and navigation aids to plan routes and navigate in remote or trackless area which must be either:
 - 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
 - general maps
- plan and conduct an efficient navigation, effectively bypassing obstacles within designated timeframes
- maintain navigation tools and equipment
- establish and maintain effective communication with appropriate personnel as required
- record navigation activities.

Knowledge Evidence

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

- regulations, standards, codes of practice and established safe practices for navigating in a remote or trackless area
- environmental protection requirements, including the safe disposal of waste material and returning the environment to its original or near to original condition on completion of activity
- organisational and site standards, requirements, policies and procedures for navigating in a remote or trackless areas
- factors that may affect navigation, including:
 - types of terrain and gradient
 - weather conditions
 - obstacles
 - distance
 - estimated travelling time
 - availability of resources, including water, rest stops, camp sites
 - access and exit routes
- use and features of various maps, images and charts including:
 - cadastral and topographic maps
 - charts
 - guide books
 - photographs and other digital imagery
 - sketches
 - diagrams
- representation of topographic features on maps and plans, including:
 - grid lines and numbers
 - contour lines
 - magnetic variation
 - scale
 - map legend
 - local features
 - markers and beacons
 - water depth
- common scales and reference information used on maps and plans
- features and uses of environmental navigation aids:
 - survey markers
 - track markers and beacons
 - signs
 - arrows
 - natural landmarks and reference points

purpose, features and operation of navigation equipment, and procedures for their safe use and maintenance, including

- global positioning system (GPS) device

- magnetic compass, including adjustment for local magnetic variation
- locator beacons
- personal protective equipment and clothing
- techniques for estimating distance travelled within a particular activity context
- established communication modes, methods and protocols
- procedures for recording and reporting workplace information.

Assessment Conditions

The following resources must be made available:

- site to navigate
- navigation equipment
- work order, workplace requirements and site standards for navigating in remote or trackless areas.
- communication devices

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>