



Australian Government

Assessment Requirements for DEFMIL028

Navigate in remote and unmodified landscapes

Release: 1

Assessment Requirements for DEFMIL028 Navigate in remote and unmodified landscapes

Modification History

Release	Comments
1	These Assessment Requirements were released in DEF Defence Training Package release 1.0 and meet the Standards for Training Packages. Assessment Requirements created drawing upon specified assessment information from superseded unit

Performance Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the candidate must demonstrate evidence of performance of the following on at least one occasion.

- applying problem solving techniques
- maintaining a compass bearing in poor visibility and/or extreme conditions
- observing surroundings
- making decisions
- plotting a navigation route accurately and within accepted tolerances when following a route
- maintaining positional awareness
- reacting effectively to changes in the operating environment that require re-planning
- navigating both by day and night
- navigating without the use of electronic navigation aids such as GPS
- calculating speed, distance and estimating time taken

Knowledge Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the depth of knowledge demonstrated must be appropriate to the job context of the candidate.

- cartographic symbols and legends
- grid/magnetic conversion
- map and chart types
- methods for determining current location
- route planning techniques and calculations

- factors affecting navigation techniques in extreme environmental conditions
- map types and sources of error
- use of a compass and factors that affect their accuracy
- route planning and issues that should be considered in extreme environmental conditions
- estimation of travelling times in unmodified landscape and/or difficult terrain/conditions
- techniques for estimating distance travelled in poor visibility
- back bearings and resections
- techniques to navigate around obstacles

Assessment Conditions

Competency should be demonstrated navigating a route on a minimum of three occasions; with at least two navigations being conducted at night. The route should contain a number of legs requiring one or more changes in direction.

Competency must be assessed in an area that has an unmodified landscape.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6bdbab1e-11ed-4bc9-9cba-9e1a55d4e4a9>

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6bdbab1e-11ed-4bc9-9cba-9e1a55d4e4a9>