



Australian Government

Assessment Requirements for DEFGE002 Apply geospatial visualisation

Release: 1

Assessment Requirements for DEFGE002 Apply geospatial visualisation

Modification History

Release 1. This is the first release of this unit of competence from the Defence DEF Training Package

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:

- communicating clearly with others to clarify work tasks and equipment selection
- following manufacturer specifications and standard operating procedures to correctly:
 - set up and operate
- pack up and store equipment identifying, reviewing and analysing data and other information that may impact on the tasks
- producing relevant maps and charts, and specialised product including:
 - contour maps
 - slope maps
 - shaded relief products
 - three dimensional flythrough
- selecting and using the appropriate geospatial resources and equipment to provide geospatial visualisation products
- using information technology and software appropriate to geospatial visualisation operations
- using approved procedures to accurately apply measurements and data
- completing report and documentation for geospatial task

Knowledge Evidence

Evidence required to demonstrate competence, must satisfy all of the requirements of the elements and performance criteria and include knowledge of:

- common geospatial terms used in geospatial operations
- common types of geospatial products used for Defence operations and training
- operational capabilities and limitations of the geospatial equipment, including computing equipment and software being used
- legislative and regulatory requirements related to the geospatial products
- organisational policy relevant to providing geospatial products
- standard operating procedures (SOPs) for geospatial equipment and resources

- reporting requirements for providing geospatial products
- legislative obligations of Work Health and Safety (WHS)/Occupational Health and Safety (OHS)/Occupational Safety and Health (OSH) requirements and safe work / workplace procedures
- standards and practices for measuring and recording spatial data
- the environment in which the geospatial products will be applied
- typical referencing systems used on different types of geospatial products including:
 - contour maps
 - slope maps
 - shaded relief products
 - three dimensional flythrough

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the Standards for Registered Training Organisations current at the time of assessment.

As a minimum, assessment must satisfy applicable regulatory requirements, which include requirements in the Standards for Registered Training Organisations current at the time of assessment.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Assessment must occur in workplace operational situations. Where this is not appropriate, assessment must occur in simulated workplace operational situations that reflect workplace conditions.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or other simulations
- applicable documentation including workplace procedures, regulations, codes of practice and operation manuals
- relevant and appropriate materials, tools, equipment and personal protective equipment currently used in industry

Links

Companion Volume implementation guides are found in VETNet -

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