



Australian Government

DEFMIL083 Collect environmental information

Release: 1

DEFMIL083 Collect environmental information

Modification History

Release	Comments
1	This unit was released in DEF Defence Training Package release 1.0 and meets the Standards for Training Packages. This unit supersedes and is equivalent to DEFCA310B Collect environmental information. • Unit code updated • Content and formatting updated to comply with the new standards • All PC transitioned from passive to active voice • PC 2.1 removed • PC 1.4 and 2.2 merged • Elements 1 and 2 merged

Application

This unit describes the skills required to collect meteorological, hydrographic, geospatial and geological information for an area.

This unit was developed for combat engineer personnel required to collect environmental information for an area in a deployed operational environment, but is applicable to any individual in this field of work.

The skills and knowledge described in this unit must be applied within the legislative, regulatory and policy environment in which they are carried out. Organisational policies and procedures must be consulted and adhered to.

Those undertaking this unit would typically work as part of a team under direct supervision. They use discretion and judgement, and take responsibility for the quality of their outputs while performing routine tasks in a broad range of unpredictable contexts.

No licensing, legislative or certification requirements apply to unit at the time of publication.

Competency Field

Military Skills

Elements and Performance Criteria

ELEMENTS	PERFORMANCE CRITERIA
Elements describe the essential outcomes	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions section.
1. Plan, prepare and collect information and data	1.1 Identify, interpret and confirm requirement to collect information from instructions. 1.2 Determine appropriate collection methods. 1.3 Develop collection plan and consult with supervisor. 1.4 Identify resources allocated for the task. 1.5 Identify, source and collect information and data in accordance with the plan.
2. Record and report information	2.1 Record information in the organisational format. 2.2 Communicate information to a higher authority. 2.3 Disseminate information as directed by supervisor. 2.4 Complete and maintain documentation and records.

Foundation Skills

The foundation skills demands of this unit have been mapped for alignment with the Australian Core Skills Framework (ACSF). The following tables outline the performance levels indicated for successful attainment of the unit.

ACSF levels indicative of performance:

1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Learning NA					Reading					Writing					Oral communication					Numeracy				

Performance variables:

1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Support					Context					Text complexity					Task complexity				

Further information on ACSF and the foundation skills underpinning this unit can be found in the Foundation Skills Guide on the GSA website.

Unit Mapping Information

This unit supersedes and is equivalent to DEFC310B Collect environmental information.

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 -

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Assessment Requirements for DEFMIL083 Collect environmental information

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.

- analysing information and data
- communicating information and data
- conducting research
- using questioning techniques
- conducting tactical and technical reconnaissance
- taking measurements using a laser range finder, tape measure, ruler
- using communications equipment
- using global positioning systems
- using optical enhancement tools such as binoculars
- collecting information and data that is relevant and appropriate to the specific operation

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.

- basic research and analysis techniques
- collection methods
- communication requirements and equipment
- indigenous inhabitants and culture
- intelligence cycle – direction, collection, processing and dissemination
- legal responsibilities

- navigation
- operational environment
- relevant legislation and procedures in relation to environmental requirements
- relevant WHS regulations/requirements, equipment, material and personal safety requirements
- site, personnel and information security
- terrain types and terrain analysis
- urban and rural demographics
- weather effects

Assessment Conditions

Competency should be assessed in an actual workplace or in a simulated environment, with access to equipment and infrastructure appropriate to the outcome. Competency should be demonstrated over time to ensure the candidate is assessed across a variety of situations.

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

Links

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