



Australian Government

DEFMIL063 Produce meteorological data

Release: 1

DEFMIL063 Produce meteorological data

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 DEFCA203B Produce meteorological data. • Unit code updated • Content and formatting updated to comply with the new standards • All PC transitioned from passive to active voice • PC 1.2 and 2.4 removed • PC 1.1 and 1.3 merged • Elements 1 and 2 merged

Application

This unit describes the skills required to produce meteorological data in terms of likely weather conditions in areas, which is to be used to inform operations.

This unit was developed for those working as combat arms personnel required to produce meteorological data in areas which are to be used to conduct Defence operations, 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 work as part of a team under supervision. They would use discretion and judgement, and take responsibility for the quality of their outputs. They would perform routine tasks in a broad range of contexts.

No licensing, legislative, regulatory or certification requirements apply to this 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. Gather meteorological data	1.1 Select, prepare and check equipment for serviceability. 1.2 Fill and launch weather balloon or other device in order to collect atmospheric information. 1.3 Collect surface data using meteorological equipment. 1.4 Operate receiving equipment.
2. Monitor and report meteorological information	2.1 Communicate meteorological information as directed by supervisor. 2.2 Monitor incoming data to identify changing conditions and notify supervisor about any changes. 2.3 Maintain and/or refurbish meteorological equipment. 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 DEFCA203B Produce meteorological data.

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 DEFMIL063 Produce meteorological data

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.

- using communication systems
- operating meteorological data recording equipment to provide accurate data on weather conditions

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 principles of meteorology
- capabilities of the equipment
- characteristics, tabulated data and limitations of the computerised meteorological station

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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