



Australian Government

DEFPHL009 Conduct a quick assessment of disease outbreak

Release: 1

DEFPHL009 Conduct a quick assessment of disease outbreak

Modification History

Release 1. This is the first release of this unit of competency in the DEF Defence Training Package.

Application

This unit specifies the skills and knowledge required to conduct a quick assessment of disease outbreak as a member of the Australian Defence Force (ADF).

It includes initiating data gathering and analysing epidemiologic data from quick assessment. It also includes reporting assessment findings and implementing disease control measures.

This unit applies to personnel working in ADF preventive medicine.

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.

Persons undertaking this unit work independently and perform complex tasks in a range of familiar contexts.

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

Pre-requisite Unit

Not applicable

Competency Field

Preventive health

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

- 1 Initiate data gathering for quick assessment**
 - 1.1** Liaise with stakeholders to gain consent for quick assessment to occur, in accordance with operational policies
 - 1.2** Determine factors affecting complexity of quick assessment
 - 1.3** Obtain information on life cycle of disease outbreak using appropriate data collection methods in accordance with operational procedures
 - 1.4** Task and provide guidance to persons assisting with quick assessment to enable them to assist independently
 - 1.5** Conduct environmental measurements and testing to support quick assessment
- 2 Analyse epidemiologic data**
 - 2.1** Construct a chronology of events to identify initial causative incident
 - 2.2** Analyse causative incident/s to identify nature of disease causing outbreak, in accordance with operational procedures
 - 2.3** Analyse epidemiologic data to identify disease spread and to classify disease outbreak proportions
 - 2.4** Compare factors relating to disease outbreak to treatment information and organisation's response to the disease outbreak in accordance with operational procedures
 - 2.5** Contact relevant specialist authorities to seek expert advice to aid with assessment of disease, as required
- 3 Report assessment findings and implement disease control measures**
 - 3.1** Gain relevant stakeholder approval for assessment findings
 - 3.2** Identify relevant control measures that specifically address factors relating to disease outbreak in accordance with operational procedures
 - 3.3** Record and communicate assessment findings and control measures with relevant stakeholders
 - 3.4** Conduct a control measure lesson learned activity to support wider environmental health support plan

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to DEFPH009A Conduct a quick assessment of disease outbreak.

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for DEPHL009 Conduct a quick assessment of disease outbreak

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria on at least two separate occasions and include:

- analysing information
- applying legislation, and organisational policies and procedures
- communicating and consulting with relevant stakeholders
- coordinating activities of persons assisting with quick assessment
- establishing and maintaining administrative systems
- identifying hazards, assessing risks and implementing control measures
- making accurate assessments about the nature of disease causing the outbreak
- prioritising tasking
- using data collection methodology.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and include knowledge of:

- causes of disease transmission
- control measures of disease transmission
- epidemiology of disease
- food safety standards including:
 - hazard analysis and critical control points (HACCP) approach to food control
 - food storage and distribution standards
- health surveillance system
- pathophysiology of common communicable diseases
- planning and control systems
- process of disease
- relevant legislation, and organisational policies and procedures
- role and capabilities of other health care providers including environmental health team
- water quality assurance measures.

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.

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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 it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate workplace conditions.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or simulations of outbreak of disease
- relevant and appropriate supporting information, materials, tools, equipment and personal protective equipment currently used in industry including:
 - equipment to perform environmental measurement and testing
- relevant documentation including operational procedures, regulations, codes of practice and operation manuals.

Links

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